Application

Kennecott
Eagle Minerals

Humboldt Mill

Mining Permit Application
Volume IID

Environmental Impact Assessment
Appendix B-1 continued (4 of 5)

Project I.D.: 06W003

Kennecott Eagle Minerals Company
Ishpeming, Michigan

December 2008

Foth

Appendix E

Groundwater Sampling

E-1

NJC Field Reports

June – July 2006

North Jackson Company
Field Sampling Report

Project Name: Humboldt Mill BEA

Contact: Dan Wiitala, P.G.
North Jackson Company
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Marquette, Michigan 49855
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Summary of Sampling Activities

Sampling Date(s): 6/22/06, 6/26/06, 6/29/06, 7/5/06, 7/6/06, 7/11/06

Activities: Initial well survey and inventory: 6/13/06

Well development: 6/13/06, 6/23/06, 6/26/06

Collected groundwater samples from wells PW-1, PW-2, PW-4, MW-5, MW-6, MW-7, MW-9, MW-11, MW-12, MW-101, MW-102, MW-103, MW-104.

Collected QA/QC samples including 4 masked duplicates, 2 field (atmospheric) blanks, 2 equipment blanks, 2 trip blanks.

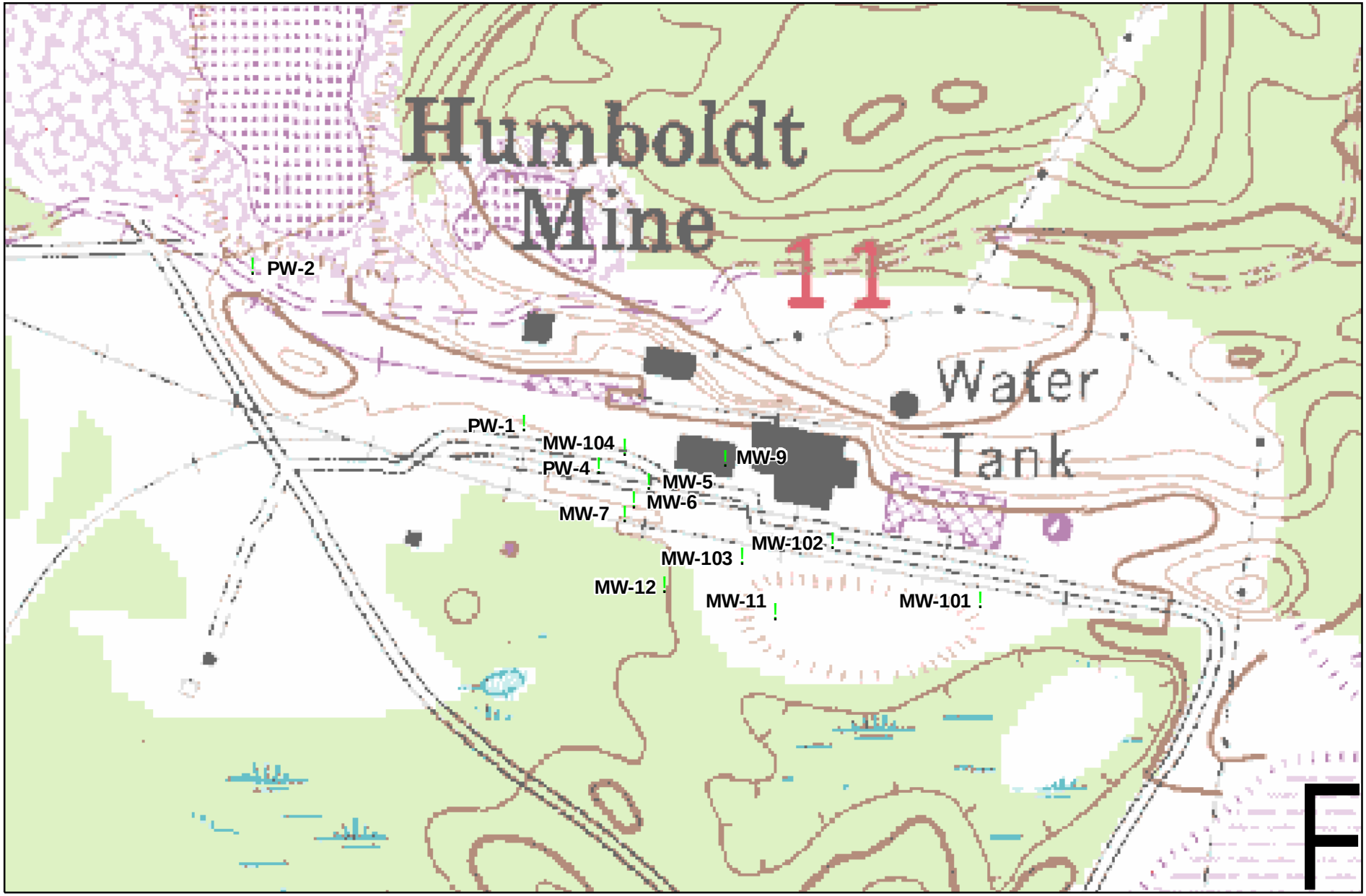
Field Report Attachments

Well Location Map (Figure 1)
Initial Well Survey
Well Development Summary
Field Data Summary
Water Sampling Logs
Chain of Custody Numbers 0951923, 0951926, 0951925, 0992433, 0992435, 0992434

Laboratory Analysis

Pace Analytical: BTEX, SVOCs, metals (field filtered), cyanide, general chemistry

Sampler Name(s): Andy Maracini (AJM); Richard Eagle (RRE); Dan Wiitala (DWW)



HUMBOLDT MILL WELL LOCATIONS: HUMBOLDT, MI

! MONITORING WELL (Sampled in June/July 2006 event)

Reference: Base Map, USGS 7.5' Quadrangle, Republic SW
Well Locations collected with GPS by North Jackson Company

0 200 400 800 Feet

Scale 1:4,800

Kennecott Eagle Minerals

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ENVIRONMENTAL SCIENCE & ENGINEERING

Figure: 1

North Jackson Company
Initial Well Survey Summary

Project Name: Humboldt Mill BEA

Location	Date	Wellhead Condition	Reported Measuring Point Elevation (ft MSL)	Depth to Water (ft)	Measured Total Depth (ft)	Reported Total Depth (ft)	Water Elevation (ft MSL)	Groundwater Observation
MW-1	6/13/06	Removed	1,589.10	NM	NM	17	NA	NA
MW-2	6/13/06	Removed	1,589.67	NM	NM	17	NA	NA
MW-3	6/13/06	Removed	1,589.11	NM	NM	17	NA	NA
MW-4	6/13/06	Removed	1,589.31	NM	NM	17	NA	NA
MW-5	6/13/06	Good - flush mount	1,588.96	8.43	14.9	17	1,580.53	Petroleum odor
MW-6	6/13/06	Good	1,590.66	19.33	23.7	22	1,571.33	Clear, no odor
MW-7	6/13/06	Fair - not lockable	1,589.08	19.47	27.0	29	1,569.61	Clear, no odor
MW-9	6/13/06	Fair - not lockable	1,613.99	23.86	29.2	29	1,590.13	Clear, no odor
MW-10	6/13/06	Removed	1,588.78	NM	NM	50	NA	NA
MW-11	6/13/06	Fair - cracked surface seal	1,594.03	7.77	15.2	12	1,586.26	Hydrogen sulfide odor
MW-12	6/13/06	Fair - cracked surface seal	1,589.87	3.27	15.2	15	1,586.60	Clear, no odor
MW-101	6/13/06	Fair - cracked surface seal		4.19	21.6	19	-4.19	Clear, no odor
MW-102	6/13/06	Fair - cracked surface seal		6.12	11.8	9	-6.12	Slight color, no odor
MW-103	6/13/06	Good		8.08	21.5	20	-8.08	Hydrogen sulfide odor
MW-104	6/13/06	Good		6.48	12.0	12	-6.48	Petroleum odor
MW-105	6/13/06	Removed		NM	NM	13	NA	NA
MW-106	6/13/06	Removed		NM	NM	32	NA	NA
MW-107	6/13/06	Removed		NM	NM		NA	NA
PW-1	6/13/06	Good		7.55	18.5			Sediment, no odor
PW-2	6/13/06	Good		35.50	40.5			Black sediment
PW-4	6/13/06	Good		7.24	17.9			Odor, slight color

Note: All depths measured from top of PVC notch or mark
NM Not measured
NA Not applicable

North Jackson Company
Well Development Log

Proj. Name: Humboldt Mill BEA

Date: 6/13 & 6/23/06
Personnel: AJM/RRE/DWW

Well ID	Date	Time	Temp (^{o}C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	Well Volume (gal)	Volume Removed (gal)	Description (clarity)	Comments
PW-1	6/23/06	1005	12	327	6.7	1.4	15	Clear	
PW-2	6/23/06	1405	10	598	6.8	0.7	11	Clear	
PW-4	6/23/06	1110	15	578	7.0	1.5	10	Yellowish	
MW-5	6/23/06	1510	17	1,145	6.6	1.2	5	Cloudy/oily	
MW-6									Purged dry by FVD
MW-7	6/23/06	1310	9.4	1,976	3.5	1.2	6		
MW-9	6/23/06	1245	8.3	170	6.8	0.2	12	Clear	
MW-11	6/13/06	1400	11	2,563	6.1	1.2	8	Clear after 1.8 gallons	
MW-12									Developed by FVD
MW-101									Developed by FVD
MW-102									Developed by FVD
MW-103									Developed by FVD
MW-104	6/26/06	1525	17	253	6.1	0.4	5	Yellowish	

North Jackson Company
Groundwater Field Data Summary

Project Name: Humboldt Mill

Sample ID	Sampling Date	Temp (^{o}C)	Spec Cond (µmhos/cm @ 25°C)	pH (SU)	DO (ppm)	ORP (mV)
PW-1, DUP003	6/29/06	15	329	NM	0.05	12
PW-2	7/5/06	12	571	7.0	1	89
PW-4, DUP004	7/6/06	16	520	7.0	<0.005	-66
MW-5	7/11/06	19	982	6.8	NM	-63
MW-6	7/5 & 7/11/06	NM	NM	NM	NM	NM
MW-7	6/29/06	12	1,786	3.6	0.2	350
MW-9	7/6/06	11	198	7.0	<0.005	-21
MW-11, DUP002	6/26/06	20	2,399	6.8	0.1	4
MW-12	6/22/06	10	321	7.8	<0.001	-71
MW-101, DUP-001	6/22/06	8.3	410	6.7	<0.001	13
MW-102	6/26/06	19	8,000	2.4	NM	489
MW-103	6/22/06	8.8	409	6.8	<0.001	-43
MW-104	7/11/06	NM	NM	NM	NM	NM
FB-001	6/22/06	NA	NA	NA	NA	NA
FB-002	7/11/06	NA	NA	NA	NA	NA
EQB-001	6/22/06	NA	NA	NA	NA	NA
EQB002	7/11/06	NA	NA	NA	NA	NA
TRIP BLANK	6/22/06	NA	NA	NA	NA	NA
TRIP BLANK 02	7/5/06	NA	NA	NA	NA	NA

NM Not measured
NA Not applicable

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill BEA
Weather: Sunny, ~60°s F
Sample ID: PW-1, DUP003

Date: 6/29/06
Sampler(s): AJM
Sampling time: 1122

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C): 15
Spec. Cond. (µmhos/cm @ 25°C): 329
Conductivity (µmhos): 268
pH (SU): NM
D.O. (ppm): 0.05
ORP(mV): 12

Description of measuring point: Mark on PVC riser

Total depth: 19 ft
Approx. Depth to water: 10 ft
Water column in well: 9 ft
Volume/foot: 0.16 gal/ft
Well volume: 1.4 gal

Well diameter (in): 2
Gallons purged prior to sampling: ~12

Evacuation method: Dedicated submersible pump & tubing

# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: Pump rate ~0.15 gpm. Some air in hose. Collected DUP003.
Instrument malfunction for pH measurement so no pH values recorded for stabilization.
Low-flow methodology used for well purge and sampling.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start	1000							9.8
	1010						2	10.3
	1015	14.7	342	NM	0.05	0	2	10.5
	1022	14.8	333	NM	0.05	5	3	10.5
	1034	15.1	333	NM	0.2	15	5	10.6
	1046	15.1	332	NM	>0.01	13	7	10.7
	1058	15.2	329	NM	0.05	11	9	10.7
	1110	15.3	330	NM	>0.01	11	11	10.8
Sample	1122	15.3	329	NM	0.05	12	12	10.8

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill BEA	**Date:**	7/5/06
Weather:	Sunny, ~70°s F	**Sampler(s):**	DWW
Sample ID:	PW-2	**Sampling time:**	1410

		Temperature (°C):	12
Odor:	None	Spec. Cond. (µmhos/cm @ 25°C):	571
Appearance:	Clear	Conductivity (µmhos):	434
		pH (SU):	7.0
		D.O. (ppm):	1
		ORP(mV):	89

Description of measuring point: Mark on PVC riser

Total depth:	41	ft	Well diameter (in):	2	
Approx. Depth to water:	36	ft			
Water column in well:	5	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~8	
Well volume:	0.7	gal			

Evacuation method: Dedicated submersible pump & tubing

# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: Pump rate ~0.15 gpm.

Low-flow methodology used for well purge and sampling.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start	1303							35.6
Off - repair	1313						0.6	
Start	1323							
	1332	12.1	NM	6.9	1	99	2	36.2
	1342	11.1	NM	6.6	1	73	3	36.2
	1355	12.4	570	7.1	1	90	5	36.2
	1400	12.4	570	7.0	1	87	6	36.2
	1405	12.3	568	6.9	1	93	7	36.2
Sample	1410	12.4	571	7.0	1	89	8	36.2

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill BEA	**Date:**	7/6/06
Weather:	Sunny 65 F	**Sampler(s):**	AJM
Sample ID:	PW-4, DUP004	**Sampling time:**	1100

		Temperature (^{o}C):	16
Odor:	None	Spec. Cond. (µmhos/cm @ 25°C):	520
Appearance:	Oily sheen	Conductivity (µmhos):	434
		pH (SU):	7.0
		D.O. (ppm):	<0.005
		ORP(mV):	-66

Description of measuring point: Mark on PVC riser

Total depth:	18	ft	Well diameter (in):	2	
Approx. Depth to water:	9	ft			
Water column in well:	9	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~10	
Well volume:	1.5	gal			

Evacuation method: Dedicated submersible pump & tubing

# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: Pump rate ~0.09 gpm. Collected DUP004.

Standard purge volume methodology used for well purge and sampling due to poor well yield.

Stabilization Record:	Time	Temp (^{o}C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start	912							9.2
	920						0.7	10.0
	930	17.5	562	7.2	0.01	-63	2	10.3
	945	17.2	559	6.9	0.01	-62	3	10.7
	1000	16.7	556	7.0	0.01	-68	4	11.3
	1015	16.5	543	7.0	<0.005	-69	6	11.8
	1030	16.7	531	7.0	<0.005	-67	7	12.3
	1045	15.9	528	6.9	<0.005	-70	8	12.9
Sample	1100	16.3	520	7.0	<0.005	-66	10	13.3

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill BEA	**Date:**	7/11/06
Weather:	Sunny, ~60°s F	**Sampler(s):**	AJM
Sample ID:	MW-5	**Sampling time:**	1220

		Temperature (°C):	19
Odor:	Petroleum solvent	Spec. Cond. (µmhos/cm @ 25°C):	982
Appearance:	Oily sheen, yellowish	Conductivity (µmhos):	873
	green	pH (SU):	6.8
		D.O. (ppm):	NM
		ORP(mV):	-63

Description of measuring point: Mark on PVC riser

Total depth:	15	ft	Well diameter (in):	2	
Approx. Depth to water:	8	ft			
Water column in well:	8	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~6	
Well volume:	1.2	gal			

Evacuation method: Dedicated submersible pump & tubing

# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: Purge water contained in plastic 55-gallon drum.

Pump rate ~0.05 gpm; no DO measurements (air bubbles entrained in discharge tubing).

Standard purge volume methodology used for well purge and sampling due to poor well yield.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start	1020							8.3
	1034						0.7	9.2
	1040	19.1	1145	6.9	NM	-67	1	9.7
	1100	17.8	1126	6.7	NM	-61	2	10.2
	1120	17.9	1083	6.9	NM	-62	3	10.2
	1140	18.8	1028	6.9	NM	-62	4	10.3
	1200	19.3	978	6.9	NM	-59	5	10.8
Sample	1220	18.9	982	6.8	NM	-63	6	10.9

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill BEA	**Date:**	7/5 & 7/11/06
Weather:	Sunny, ~70°s F	**Sampler(s):**	AJM/DWW
Sample ID:	MW-6	**Sampling time:**	See remarks

		Temperature (°C):	NM
Odor:	Petroleum odor	Spec. Cond. (µmhos/cm @ 25°C):	NM
Appearance:	Amber color, sheen/ scum	Conductivity (µmhos):	NM
		pH (SU):	NM
		D.O. (ppm):	NM
		ORP(mV):	NM

Description of measuring point: Mark on PVC riser

Total depth:	24	ft	Well diameter (in):	2	
Approx. Depth to water:	21.5	ft			
Water column in well:	2	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~0.7	
Well volume:	0.4	gal			

Evacuation method: Dedicated submersible pump & tubing

Collected	# Collected	Bottle	Preservative	Parameter
7/5/06	1	1 liter amber glass	none	SVOCs
7/11/06	1	500 ml plastic	HNO3	metals (filtered)
7/11/06	1	250 ml plastic	HNO3	metals (filtered)
7/11/06	1	250 ml plastic	none	general chemistry
7/11/06	1	250 ml plastic	NaOH	cyanide
7/5/06	3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: Standard purge volume methodology used for well purge and sampling due to poor well yield.

Purged on 6/26/06 and allowed to recover. BTEX and SVOC sample bottles collected 7/5/06.

Second recovery allowed and remainder of bottles collected 7/11/06.

FB-002 and EQB-002 samples collected here 7/11/06.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start 6/26/06	1352							21.5
	1415	20.3	2606	9.2	NM	NM	0.4	22.7
End 6/26/06	1503	NM	NM	NM	NM	13	0.7	22.9
Start 7/5/06	1220							21.9
Sample	1230							NM
End 7/5/06	1405							23.0
Start 7/11/06	1015							22.3
Sample	1030							12.3
End 7/11/06	1430							12.9

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill BEA	**Date:**	6/29/06
Weather:	Partly cloudy, ~70°s F	**Sampler(s):**	AJM
Sample ID:	MW-7	**Sampling time:**	1630

		Temperature (°C):	12
Odor:	None	Spec. Cond. (µmhos/cm @ 25°C):	1786
Appearance:	Clear	Conductivity (µmhos):	1337
		pH (SU):	3.6
		D.O. (ppm):	0.2
		ORP(mV):	350

Description of measuring point: Mark on PVC riser

Total depth:	27	ft	Well diameter (in):	2	
Approx. Depth to water:	21	ft			
Water column in well:	8	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~22	
Well volume:	1.2	gal			

Evacuation method: Dedicated submersible pump & tubing

# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: Low-flow methodology used for well purge and sampling.
Pump rate ~0.16 gpm.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start	1410							21.0
	1430	14.6					3	21.8
	1442	14.3	1914	3.7	0.2	341	5	21.6
	1454	12.5	1785	3.7	0.2	350	7	21.6
	1506	12.2	1829	3.7	0.2	353	9	21.7
	1518	12.4	1824	4.1	0.2	343	11	21.7
	1530	12.4	1820	4.0	0.2	350	13	21.7
	1542	12.5	1809	3.9	0.2	352	15	21.7
	1554	12.4	1801	3.7	0.2	355	17	21.7
	1606	12.1	1792	3.6	0.2	356	19	21.7
	1618	11.7	1793	3.5	0.2	355	21	21.7
Sample	1630	11.9	1786	3.6	0.2	350	22	21.7

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill BEA
Weather: Sunny, ~70°s F
Sample ID: MW-9

Date: 7/6/06
Sampler(s): AJM
Sampling time: 1304

Odor: None
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (µmhos/cm @ 25°C): 198
Conductivity (µmhos): 144
pH (SU): 7.0
D.O. (ppm): <0.005
ORP(mV): -21

Description of measuring point: Mark on PVC riser

Total depth: 29 ft
Approx. Depth to water: 27 ft
Water column in well: 2 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~4

Evacuation method: Dedicated submersible pump & tubing

# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None
Remarks: Pump rate ~0.12 gpm.
Low-flow methodology used for well purge and sampling.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start	1229							26.5
	1232	14.6	232	7.5	>0.005	-42	0.4	27.1
	1240	11.2	216	7.1	>0.005	-23	1	27.1
	1248	10.8	211	7.1	>0.005	-21	2	27.1
	1256	10.4	208	7.1	>0.005	-21	3	27.1
Sample	1304	10.5	198	7.0	>0.005	-12	4	27.1

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill BEA
Weather: Sunny, ~70°s F
Sample ID: MW-11, DUP002

Date: 6/26/06
Sampler(s): AJM/DWW
Sampling time: 1215

Odor: Hydrogen sulfide
Appearance: Some color, slightly foamy

Temperature (°C): 20
Spec. Cond. (µmhos/cm @ 25°C): 2399
Conductivity (µmhos): 2201
pH (SU): 6.8
D.O. (ppm): 0.1
ORP(mV): 4

Description of measuring point: Mark on PVC riser

Total depth: 15 ft
Approx. Depth to water: 8 ft
Water column in well: 7 ft
Volume/foot: 0.16 gal/ft
Well volume: 1.2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~7

Evacuation method: Dedicated submersible pump & tubing

# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: Pump rate ~0.08 gpm, slowed to ~0.05 gpm at 1040. Collected DUP002. Some air bubbles entrained in hose when sampling DO.
Low-flow methodology used for well purge and sampling.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start	1004							6.8
	1010						0.5	8.1
	1025	16.0	2334	6.3	0.6	27	2	8.0
	1040	16.9	2330	6.3	0.5	23	3	8.8
	1055	16.7	2332	6.3	0.5	19	3	9.2
	1110	17.5	2329	6.6	0.3	17	4	8.8
	1125	18.6	2374	8.0	0.2	9	5	8.6
	1140	19.8	2381	7.1	0.1	5	6	8.8
	1155	19.8	2386	6.8	0.2	4	7	8.7
Sample	1215	19.9	2399	6.8	0.1	4	7	9.0

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill BEA	**Date:**	6/22/06
Weather:	Partly cloudy, breezy, dry, ~70°s F	**Sampler(s):**	AJM/DWW
Sample ID:	MW-12	**Sampling time:**	1623

		Temperature (°C):	10
Odor:	None	Spec. Cond. (µmhos/cm @ 25°C):	321
Appearance:	Clear	Conductivity (µmhos):	NM
		pH (SU):	7.8
		D.O. (ppm):	<0.001
		ORP(mV):	-71

Description of measuring point: Top of steel casing

Total depth:	16	ft	Well diameter (in):	2	
Approx. Depth to water:	4.5	ft			
Water column in well:	12	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~9	
Well volume:	1.9	gal			

Evacuation method: Dedicated submersible pump & tubing

# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: Low-flow methodology used for well purge and sampling.

Pump rate ~0.26 gpm for 10 minutes, then reduced to ~0.13 gpm.

FB-001 and EQB-001 samples collected here 6/22/06.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start	1528							4.5
Reduce flow	1538	11.1	317	7.6	<0.001	-70	3	5.5
	1553	10.4	320	7.7	<0.001	-71	5	5.4
	1608	10.4	320	7.8	<0.001	-73	7	5.4
Sample	1623	10.2	321	7.8	<0.001	-71	9	5.4

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill BEA	**Date:**	6/22/06
Weather:	Partly cloudy, breezy, dry, ~70°s F	**Sampler(s):**	AJM/DWW
Sample ID:	MW-101, DUP-001	**Sampling time:**	1207

		Temperature (°C):	8.3
Odor:	Slight hydrogen sulfide	Spec. Cond. (µmhos/cm @ 25°C):	410
Appearance:	Clear	Conductivity (µmhos):	NM
		pH (SU):	6.7
		D.O. (ppm):	<0.001
		ORP(mV):	13

Description of measuring point: Top of PVC riser

Total depth:	22	ft	Well diameter (in):	2	
Approx. Depth to water:	5	ft			
Water column in well:	17	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~21	
Well volume:	3	gal			

Evacuation method: Dedicated submersible pump & tubing

# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: Low-flow methodology used for well purge and sampling.

Pump rate ~0.13 gpm for 4 minutes, then increaseded to ~0.55 gpm.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start	1126							4.9
Reduce flow	1130						0.5	4.9
	1137	8.6	400	8.1	<0.001	NM	4	5.0
	1142	8.2	404	7.3	<0.001	36	7	5.0
	1147	8.1	405	7.0	<0.001	32	10	5.0
	1152	8.3	405	6.8	<0.001	15	13	5.0
	1157	8.1	409	6.8	<0.001	15	16	5.0
	1202	8.1	410	6.7	<0.001	14	18	5.0
Sample	1207	8.3	410	6.7	<0.001	13	21	5.0

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill BEA	**Date:**	6/26/06
Weather:	Partly cloudy, breezy, dry, ~70°s F	**Sampler(s):**	AJM/DWW
Sample ID:	MW-102	**Sampling time:**	1040

		Temperature (°C):	19
Odor:	None	Spec. Cond. (µmhos/cm @ 25°C):	8000
Appearance:	Slight amber color	Conductivity (µmhos):	NM
	Moderate turbidity	pH (SU):	2.4
		D.O. (ppm):	NM
		ORP(mV):	489

Description of measuring point: Top of PVC riser

Total depth:	12	ft	Well diameter (in):	2	
Approx. Depth to water:	7	ft			
Water column in well:	5	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~2.2	
Well volume:	0.8	gal			

Evacuation method: Dedicated submersible pump & tubing

# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: Well purged on 6/22/06, rate started at ~0.13 gpm then reduced to ~0.02 gpm and allowed to recover until sampling on 6/26/06. Well samples with multiple cycles of purge and recovery on 6/26/06.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start 6/22/06	1315							6.6
	1320							8.5
Pump off	1331	18.6	9000	2.4	NM	492	0.9	10.0
Pump on	1419							7.8
End 6/22/06	1431	19.4	8000	2.4	NM	489	1.3	10.1
Start 6/26/06	1028							6.6
Sample	1040						2.2	

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill BEA	**Date:**	6/22/06
Weather:	Partly cloudy, breezy, dry, ~70°s F	**Sampler(s):**	AJM/DWW
Sample ID:	MW-103	**Sampling time:**	1450

		Temperature (°C):	8.8
Odor:	None	Spec. Cond. (µmhos/cm @ 25°C):	409
Appearance:	Clear	Conductivity (µmhos):	NM
		pH (SU):	6.8
		D.O. (ppm):	<0.001
		ORP(mV):	-43

Description of measuring point: Top of PVC riser

Total depth:	22	ft	Well diameter (in):	2	
Approx. Depth to water:	8	ft			
Water column in well:	13	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~11	
Well volume:	2.2	gal			

Evacuation method: Dedicated submersible pump & tubing

# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: Low-flow methodology used for well purge and sampling.

Pump rate ~0.13 gpm for 5 minutes, then increased to ~0.26 gpm.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start	1357							8.2
Increase flow	1402						0.7	8.4
	1410	9.4	400	8.1	<0.001	-16	3	8.4
	1420	9.0	404	7.3	<0.001	-37	5	8.4
	1430	8.9	405	7.0	<0.001	-43	7	8.4
	1440	8.8	405	6.8	<0.001	-42	9	8.4
Sample	1450	8.8	409	6.8	<0.001	-43	11	8.4

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill BEA
Weather: Mostly sunny, ~70°s F
Sample ID: MW-104

Date: 7/11/06
Sampler(s): AJM/DWW
Sampling time: 1515

Odor: Strong petroleum
Appearance: Cloudy/yellowish

Temperature (°C): NM
Spec. Cond. (µmhos/cm @ 25°C): NM
Conductivity (µmhos): NM
pH (SU): NM
D.O. (ppm): NM
Ferrous Iron (mg/L): NM

Description of measuring point: Mark on PVC riser

Total depth: 12 ft
Approx. Depth to water: 9 ft
Water column in well: 3 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.4 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.6

Evacuation method: Dedicated submersible pump & tubing

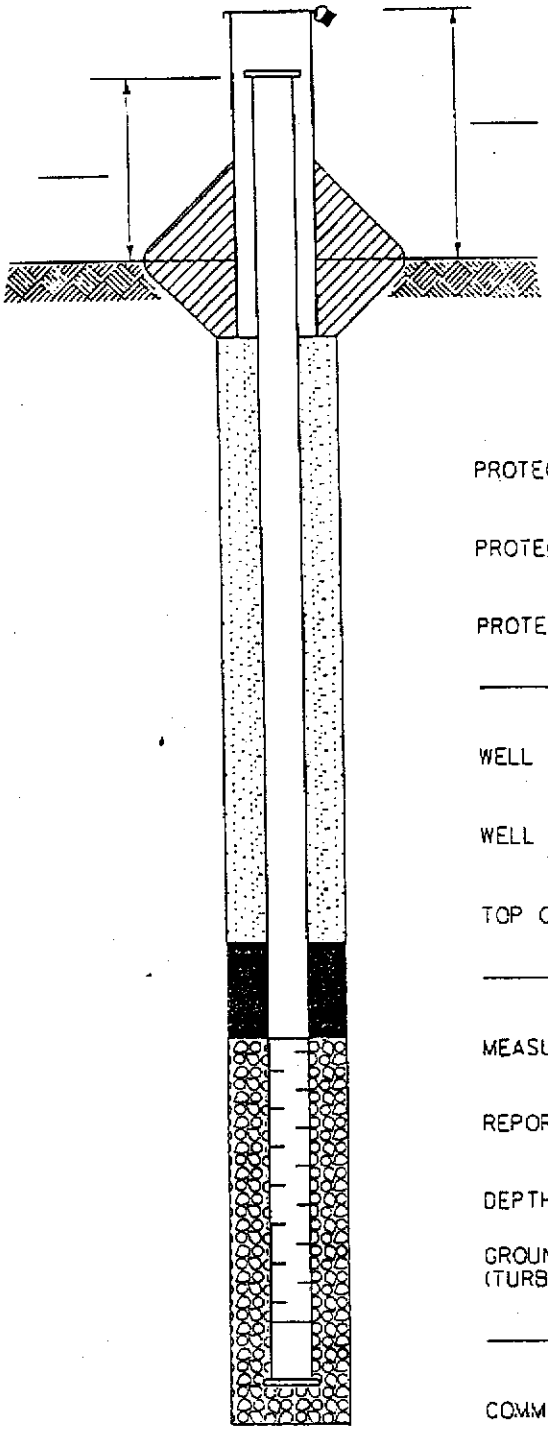
# Collected	Bottle	Preservative	Parameter
2	1 liter amber glass	none	SVOCs
1	500 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	HNO3	metals (filtered)
1	250 ml plastic	none	general chemistry
1	250 ml plastic	NaOH	cyanide
3	40 ml glass	HCl	BTEX

Photographs: None

Remarks: No stabilization record due to poor well yield and slow recovery. Pump rate ~0.01 gpm.
Low yield prevented use of low-flow methodology. Well sampled after 1.5 well volumes purged.
Purge water contained in plastic 55-gallon drum.

Stabilization Record:	Time	Temp (°C)	Spec. Cond. (µmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Start	1303							8.6
	1355						0.2	9.5
Stop	1405						0.3	9.4
Start	1427						0.3	9.0
	1445						0.5	9.2
Stop	1455						0.6	10.5
Sample	1515						0.6	8.9

WELL ID MW-101



LOCK NO. —

LOCK CONDITION: Replaced

SURFACE SEAL TYPE: Concrete

CONDITION OF SURFACE SEAL: cracked

PROTECTOR PIPE TYPE: Steel

PROTECTOR PIPE SIZE: 3 ½" Square

PROTECTOR PIPE CONDITION: Rusted

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL:

MEASURED TOTAL DEPTH: 21.6

REPORTED TOTAL DEPTH: —

DEPTH TO STANDING LIQUID: 4.19

GROUNDWATER OBSERVATION: (TURBIDITY, COLOR, ODOR, ETC.): Clear - No odor

COMMENTS: 6/13/06

Foth & Van Dyke

REVISED	DATE	BY	DESCRIPTION

CHECKED BY: JSR DATE: DEC. 05'

APPROVED BY: SVDI DATE: DEC. 05'

APPROVED BY: DATE:

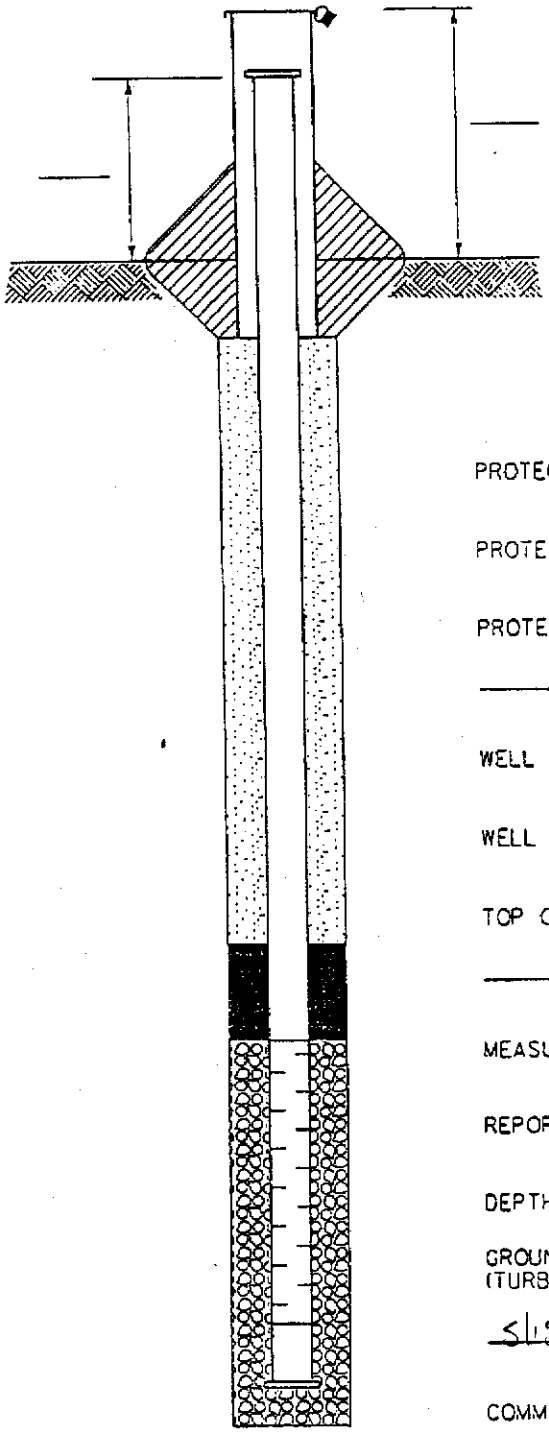
Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared By: Foth & Van Dyke | By: JON | 049018

WELL ID MW-102



LOCK NO. _____

LOCK CONDITION: Replaced

SURFACE SEAL TYPE: Concrete

CONDITION OF SURFACE SEAL: cracked

PROTECTOR PIPE TYPE: steel

PROTECTOR PIPE SIZE: 3 1/2" square

PROTECTOR PIPE CONDITION: Rusted

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 11.758

REPORTED TOTAL DEPTH: —

DEPTH TO STANDING LIQUID: 6.12

GROUNDWATER OBSERVATION: (TURBIDITY, COLOR, ODOR, ETC.): — No odor slight color

COMMENTS: 6/13/06 Well open

Foth & Van Dyke

REVISED	DATE	BY	DESCRIPTION

CHECKED BY:	JSA	DATE: DEC. 05
APPROVED BY:	SVDI	DATE: DEC. 05
APPROVED BY:		DATE:

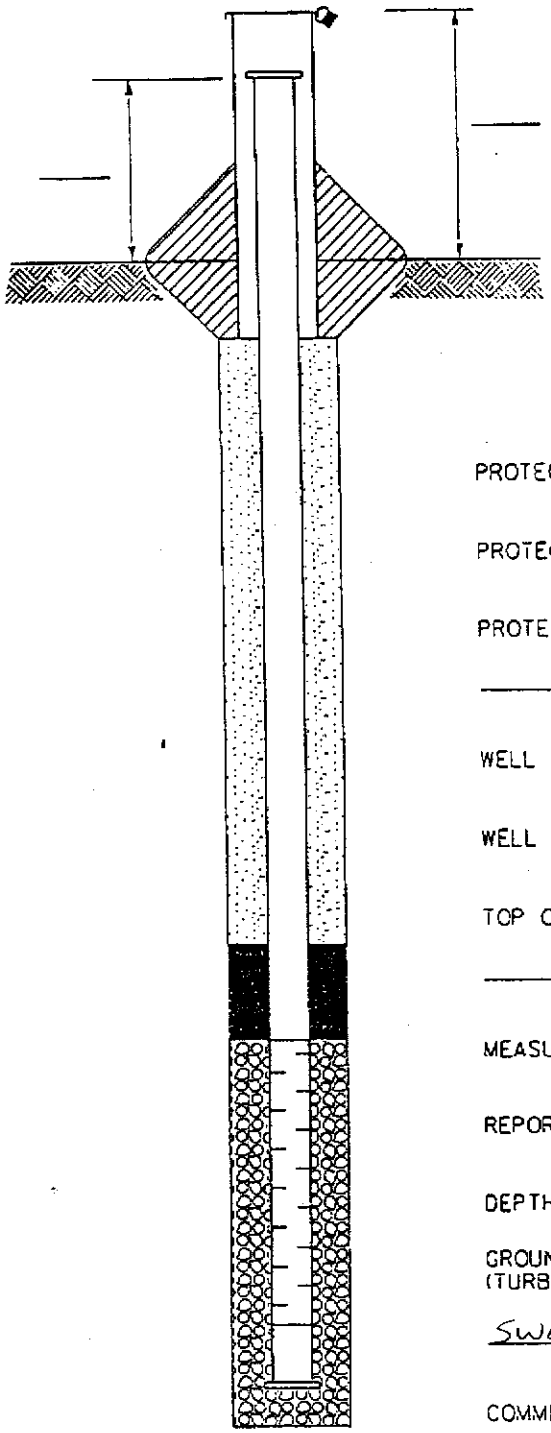
Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared By: Foth & Van Dyke By: JDW | 04W015

WELL ID MW-103



LOCK NO. _____

LOCK CONDITION: Replaced

SURFACE SEAL TYPE: Bentonite

CONDITION OF SURFACE SEAL: ~~Loose~~ Soft

PROTECTOR PIPE TYPE: Steel - Square

PROTECTOR PIPE SIZE: 4"

PROTECTOR PIPE CONDITION: Good

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 21.50

REPORTED TOTAL DEPTH: _____

DEPTH TO STANDING LIQUID: 8.08

GROUNDWATER OBSERVATION: (TURBIDITY, COLOR, ODOR, ETC.): Clear. Slightly swampy - hydrogen sulfide

COMMENTS: 6/13/06 Well Open

Foth & Van Dyke			
REVISED	DATE	BY	DESCRIPTION
CHECKED BY:	JSK	DATE:	DEC. 05
APPROVED BY:	SVDI	DATE:	DEC. 05
APPROVED BY:		DATE:	

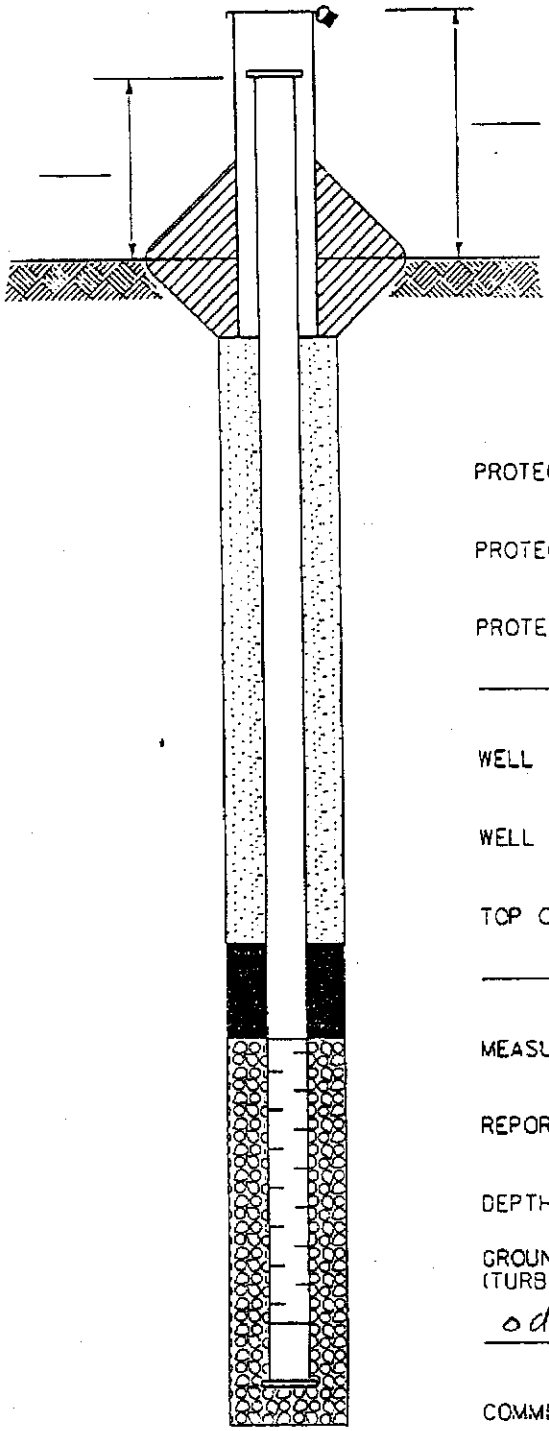
Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared By: Foth & Van Dyke | By: CW | 043018

WELL ID MW-104



LOCK NO. _____

LOCK CONDITION: Replaced

SURFACE SEAL TYPE: Concrete

CONDITION OF SURFACE SEAL: Solid

PROTECTOR PIPE TYPE: Steel - square

PROTECTOR PIPE SIZE: 4"

PROTECTOR PIPE CONDITION: Good

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 12.00

REPORTED TOTAL DEPTH: _____

DEPTH TO STANDING LIQUID: 6.48

GROUNDWATER OBSERVATION: (TURBIDITY, COLOR, ODOR, ETC.): Slight petroleum odor. slight color.

COMMENTS: Used Product Probe - No measured free product, Petroleum slight odor
No product in bailer 6/13/06

Foth & Van Dyke			
REVISED	DATE	BY	DESCRIPTION
CHECKED BY:	JSK	DATE:	DEC. 05
APPROVED BY:	SVD	DATE:	DEC. 05
APPROVED BY:		DATE:	

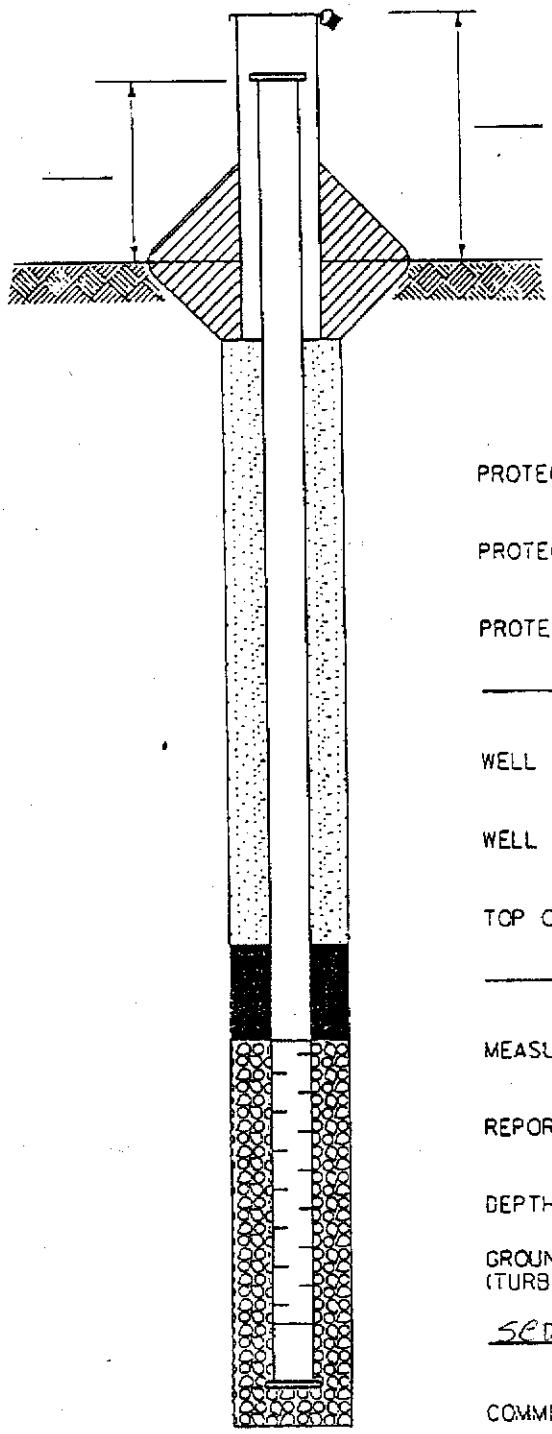
Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared By: Foth & Van Dyke | By: JDW | 043018

WELL ID PW-1



LOCK NO. _____

LOCK CONDITION: Replaced

SURFACE SEAL TYPE: _____

CONDITION OF SURFACE SEAL: _____

PROTECTOR PIPE TYPE: Steel

PROTECTOR PIPE SIZE: 4" Round

PROTECTOR PIPE CONDITION: Good

WELL CASING TYPE: ~~Steel~~ PVC

WELL CASING DIAMETER: ~~4"~~ 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 18.50

REPORTED TOTAL DEPTH: —

DEPTH TO STANDING LIQUID: 7.55

GROUNDWATER OBSERVATION: (TURBIDITY, COLOR, ODOR, ETC.): No odor sediment in bailer reasonably clear

COMMENTS: ~~Bail~~ 6/13/06 well open

Foth & Van Dyke

REVISED	DATE	BY	DESCRIPTION

CHECKED BY: JSR DATE: DEC. 05'

APPROVED BY: SVDI DATE: DEC. 05'

APPROVED BY: DATE:

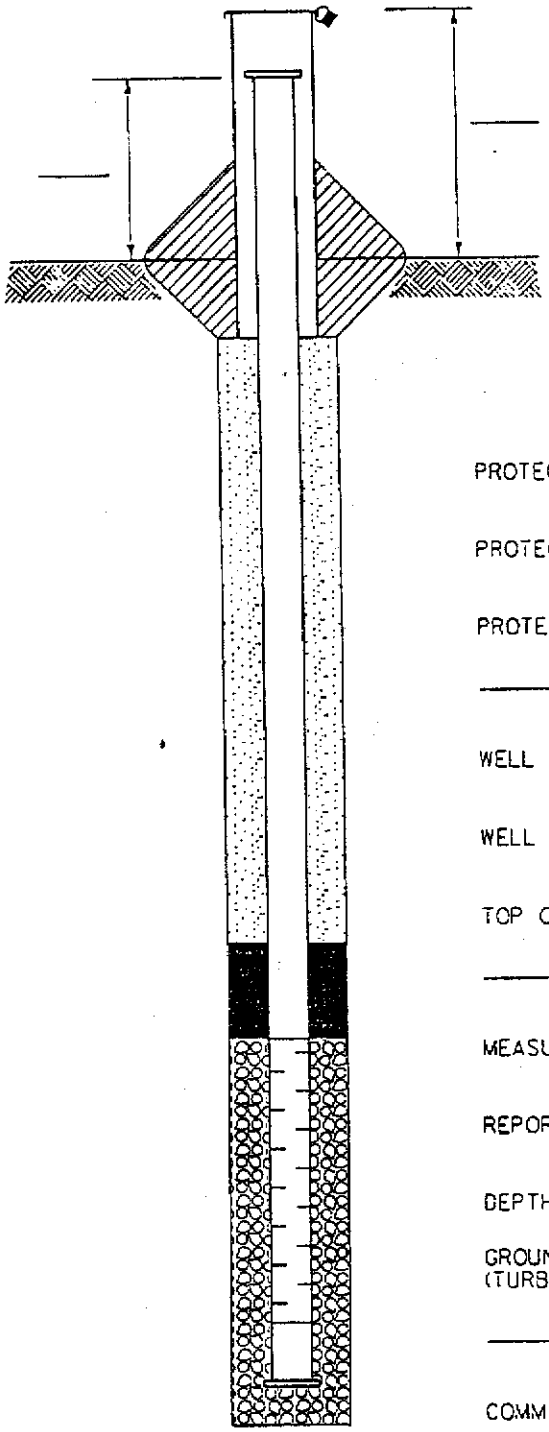
Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared By: Foth & Van Dyke | By: JDW | 043018

WELL ID PW-2



LOCK NO. _____

LOCK CONDITION: Replaced

SURFACE SEAL TYPE: None

CONDITION OF SURFACE SEAL: —

PROTECTOR PIPE TYPE: Steel

PROTECTOR PIPE SIZE: 5 1/2 Round

PROTECTOR PIPE CONDITION: Rusted

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 40.50

REPORTED TOTAL DEPTH: —

DEPTH TO STANDING LIQUID: 35.50

GROUNDWATER OBSERVATION:
(TURBIDITY, COLOR, ODOR, ETC.): _____

COMMENTS: 6/13/06 No odor.
Black sediment bottom of well
well open

Foth & Van Dyke

REVISED	DATE	BY	DESCRIPTION

CHECKED BY: JSK DATE: DEC. 05'

APPROVED BY: SVDI DATE: DEC. 05'

APPROVED BY: DATE:

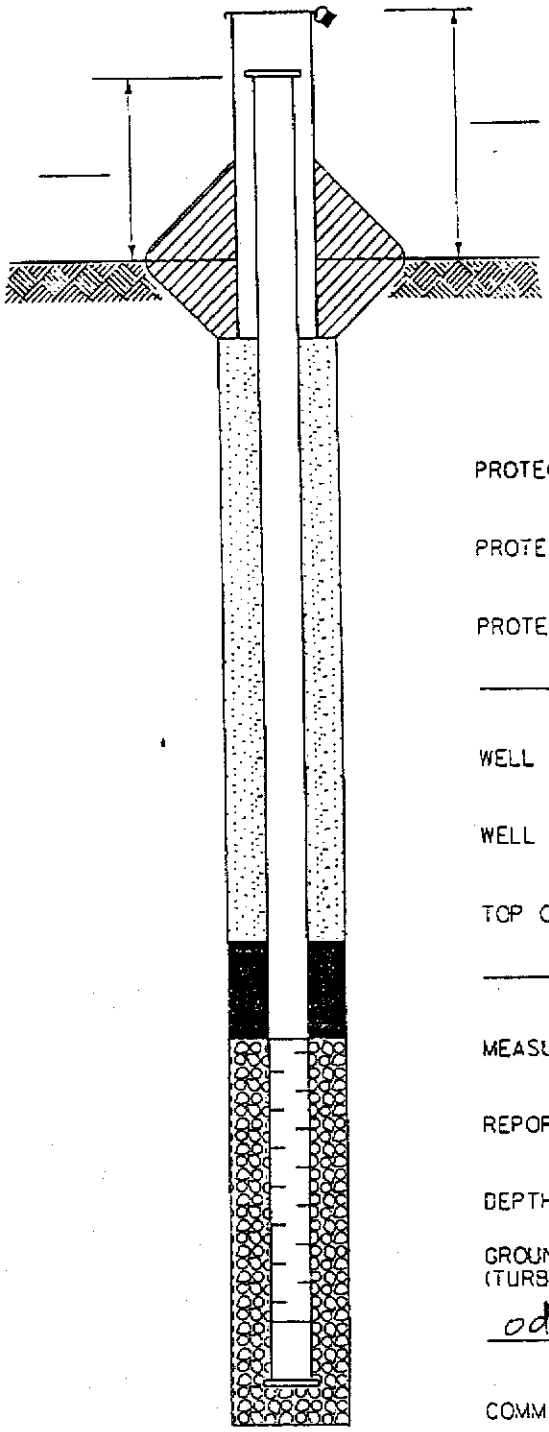
Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared by: Foth & Van Dyke | By: JDW | 030018

WELL ID PW-4



LOCK NO. _____

LOCK CONDITION: Replaced

SURFACE SEAL TYPE: _____

CONDITION OF SURFACE SEAL: _____

PROTECTOR PIPE TYPE: Steel

PROTECTOR PIPE SIZE: 3 1/2" Round

PROTECTOR PIPE CONDITION: OK

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 17.90

REPORTED TOTAL DEPTH: _____

DEPTH TO STANDING LIQUID: 7.24

GROUNDWATER OBSERVATION: (TURBIDITY, COLOR, ODOR, ETC.): Slight - moderate odor, slight color

COMMENTS: 6/13/06

Foth & Van Dyke

REVISED	DATE	BY	DESCRIPTION

CHECKED BY: JSK DATE: DEC. 05

APPROVED BY: SVDI DATE: DEC. 05

APPROVED BY: DATE:

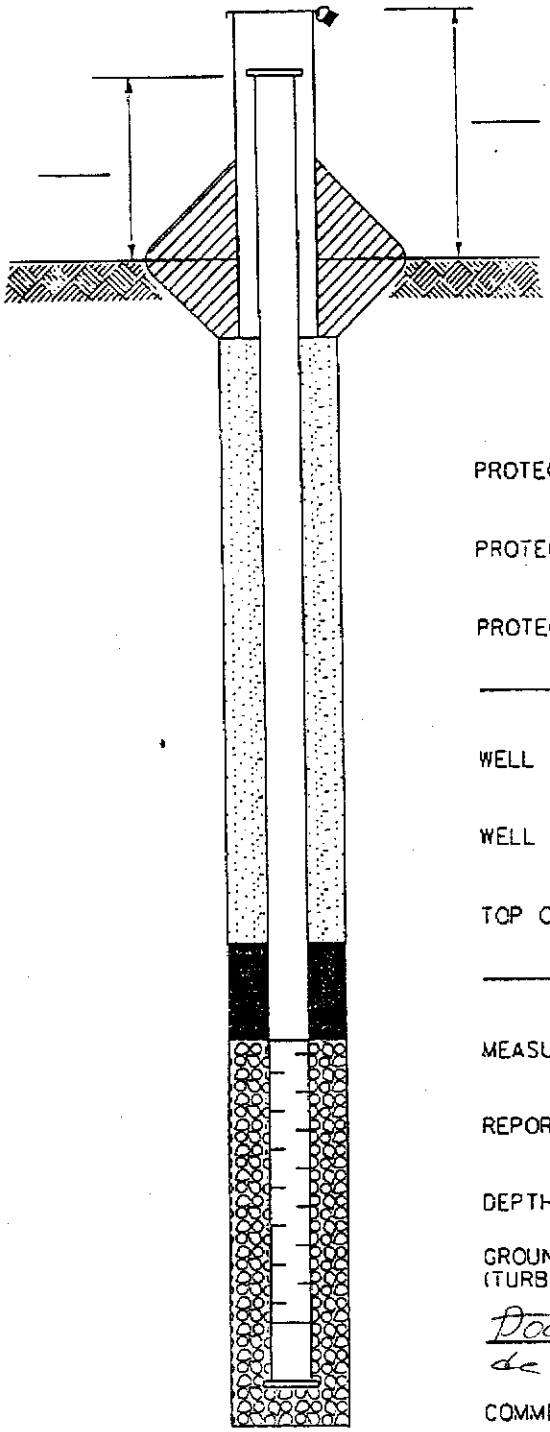
Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared By: Foth & Van Dyke | By: JDW | 040013

WELL ID MW-5



LOCK NO. _____

LOCK CONDITION: Not lockable.

SURFACE SEAL TYPE: Black top

CONDITION OF SURFACE SEAL: Hard

PROTECTOR PIPE TYPE: Flush Mount

PROTECTOR PIPE SIZE: 8"

PROTECTOR PIPE CONDITION: Rusted Cap

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 14.90

REPORTED TOTAL DEPTH: _____

DEPTH TO STANDING LIQUID: 8.43

GROUNDWATER OBSERVATION: (TURBIDITY, COLOR, ODOR, ETC.): Petroleum odor

~~Does not appear to be~~ No free product detected with interface probe or bailer.

COMMENTS: Well open 6/13/06

Foth & Van Dyke			
REVISED	DATE	BY	DESCRIPTION
CHECKED BY:	JSA	DATE:	DEC. 05
APPROVED BY:	SVDJ	DATE:	DEC. 05
APPROVED BY:		DATE:	

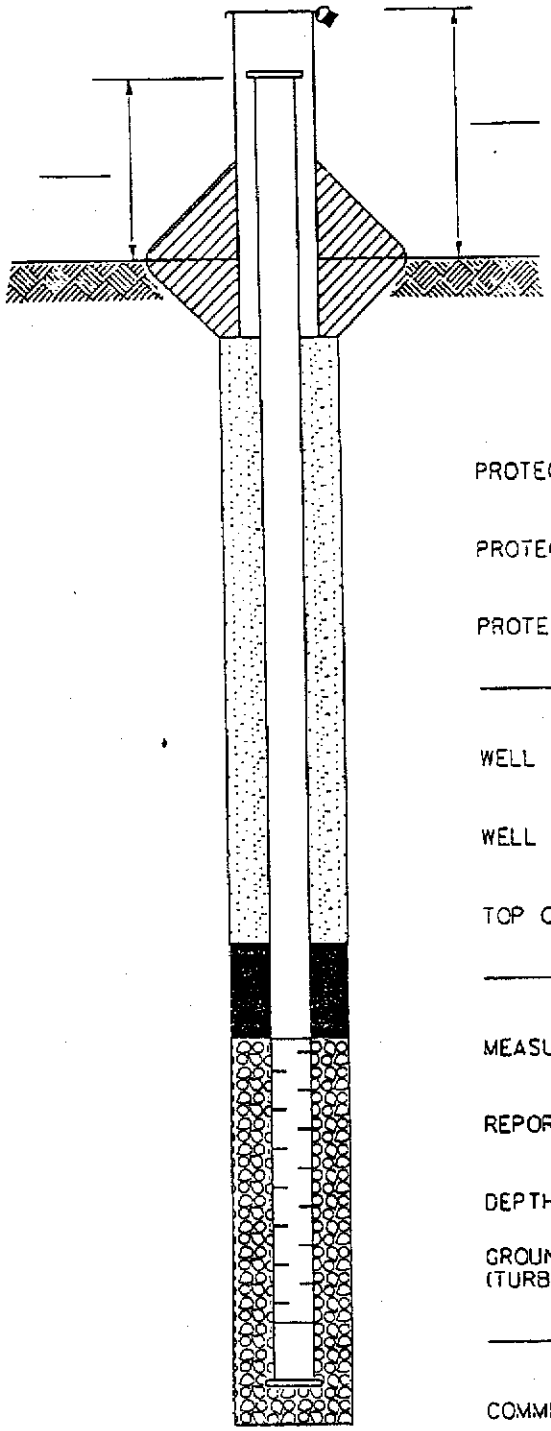
Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared By: Foth & Van Dyke | By: JDW | 043018

WELL ID MW-6



LOCK NO. _____

LOCK CONDITION: Replaced

SURFACE SEAL TYPE: Blacktop

CONDITION OF SURFACE SEAL: Loose

PROTECTOR PIPE TYPE: Steel Round

PROTECTOR PIPE SIZE: 4"

PROTECTOR PIPE CONDITION: OK

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 23.70

REPORTED TOTAL DEPTH: _____

DEPTH TO STANDING LIQUID: 19.33

GROUNDWATER OBSERVATION:
(TURBIDITY, COLOR, ODOR, ETC.): _____

COMMENTS: 6/13/06 Clear no odor

Foth & Van Dyke

REVISED	DATE	BY	DESCRIPTION

CHECKED BY:	JSK	DATE: DEC. 05
APPROVED BY:	SVDI	DATE: DEC. 05
APPROVED BY:		DATE:

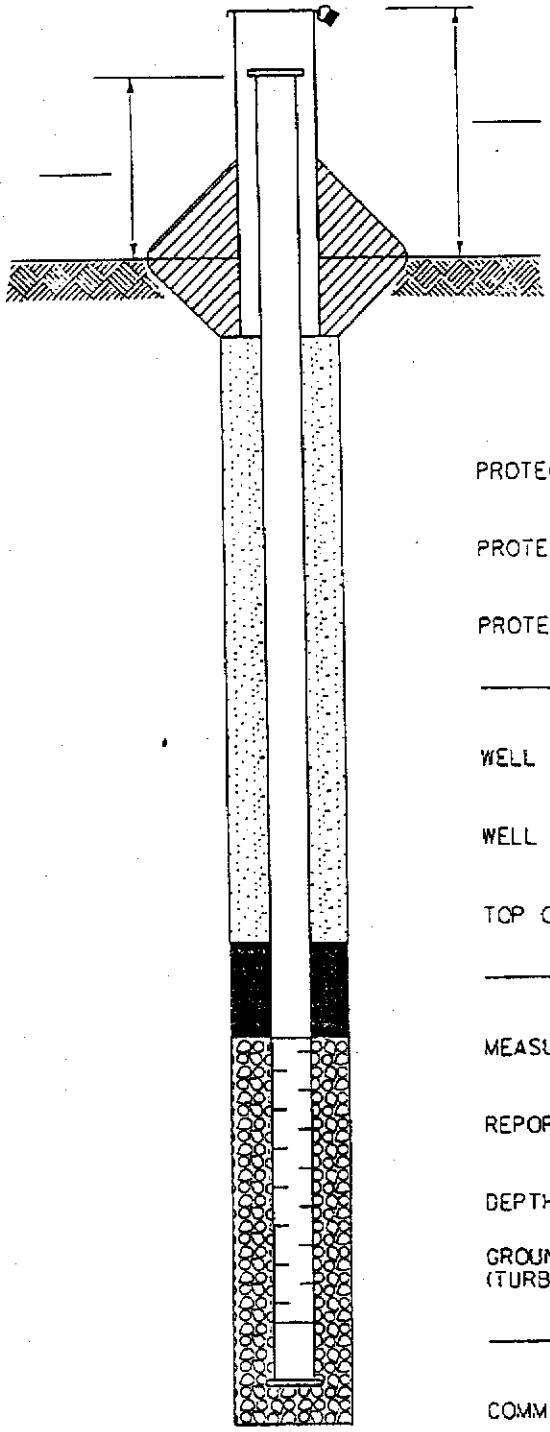
Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared By: Foth & Van Dyke | By: JDN | 043018

WELL ID MW-7



LOCK NO. ✓

LOCK CONDITION: Not lockable

SURFACE SEAL TYPE: None

CONDITION OF SURFACE SEAL: _____

PROTECTOR PIPE TYPE: Steel

PROTECTOR PIPE SIZE: 3" round

PROTECTOR PIPE CONDITION: OK

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 27.0

REPORTED TOTAL DEPTH: _____

DEPTH TO STANDING LIQUID: 19.47

GROUNDWATER OBSERVATION (TURBIDITY, COLOR, ODOR, ETC.): Clear - No odor

COMMENTS: Well open 6/13/06
Hasp on casing broken.

Foth & Van Dyke			
REVISED	DATE	BY	DESCRIPTION

CHECKED BY: JSK DATE: DEC. 05

APPROVED BY: SVDI DATE: DEC. 05

APPROVED BY: DATE:

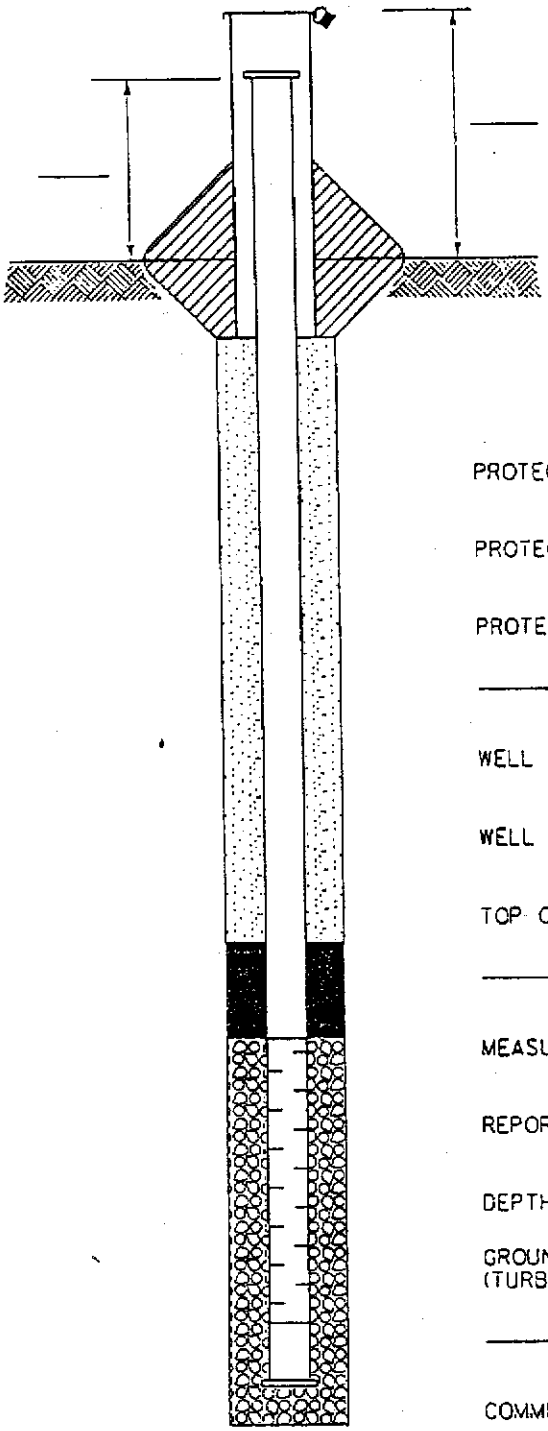
Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared By: Foth & Van Dyke | By: JDW | 045018

WELL ID MW-9



LOCK NO. _____

LOCK CONDITION: Not Lockable

SURFACE SEAL TYPE: Bentonite

CONDITION OF SURFACE SEAL: Loose

PROTECTOR PIPE TYPE: Steel Round

PROTECTOR PIPE SIZE: 3"

PROTECTOR PIPE CONDITION: Rusted - Cap Broke

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 29.20

REPORTED TOTAL DEPTH: _____

DEPTH TO STANDING LIQUID: 23.86

GROUNDWATER OBSERVATION: (TURBIDITY, COLOR, ODOR, ETC.): Clear, no odor

COMMENTS: 6/13/06 Well open - Clear

Foth & Van Dyke

REVISED	DATE	BY	DESCRIPTION

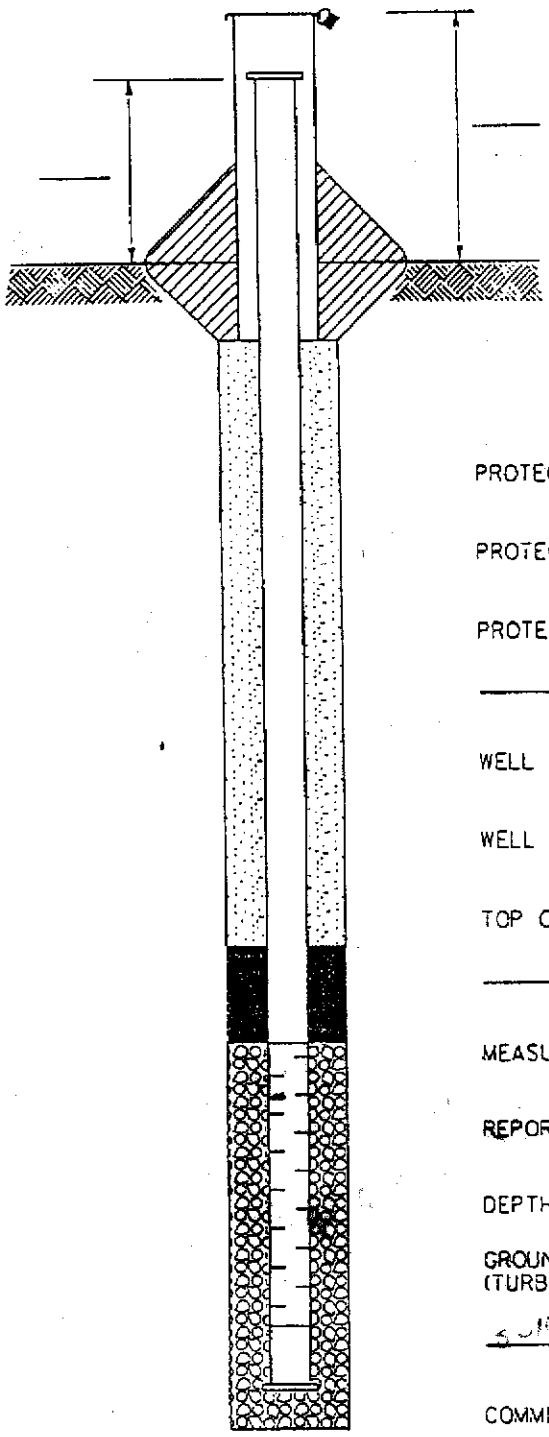
CHECKED BY:	JSK	DATE: DEC. 05
APPROVED BY:	SVDI	DATE: DEC. 05
APPROVED BY:		DATE:

Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale:	NOT TO SCALE	Date:	DECEMBER, 2005
Prepared By: Foth & Van Dyke		By: JDW	043018

WELL ID MW-11



LOCK NO. _____

LOCK CONDITION: ~~Unlocked~~ Replaced

SURFACE SEAL TYPE: Concrete

CONDITION OF SURFACE SEAL: cracked

PROTECTOR PIPE TYPE: steel

PROTECTOR PIPE SIZE: 3 1/2 Square

PROTECTOR PIPE CONDITION: Rusted

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 15.20

REPORTED TOTAL DEPTH: —

DEPTH TO STANDING LIQUID: 7.76

GROUNDWATER OBSERVATION (TURBIDITY, COLOR, ODOR, ETC.): swampy hydrogen sulfide odor - clear

COMMENTS: 6/13/06
Cannot lock with Plastic Cap - Not enough clearance. Removed plastic cap

Foth & Van Dyke			
REVISED	DATE	BY	DESCRIPTION
CHECKED BY:	JSA	DATE:	DEC. 05
APPROVED BY:	SVDI	DATE:	DEC. 05
APPROVED BY:		DATE:	

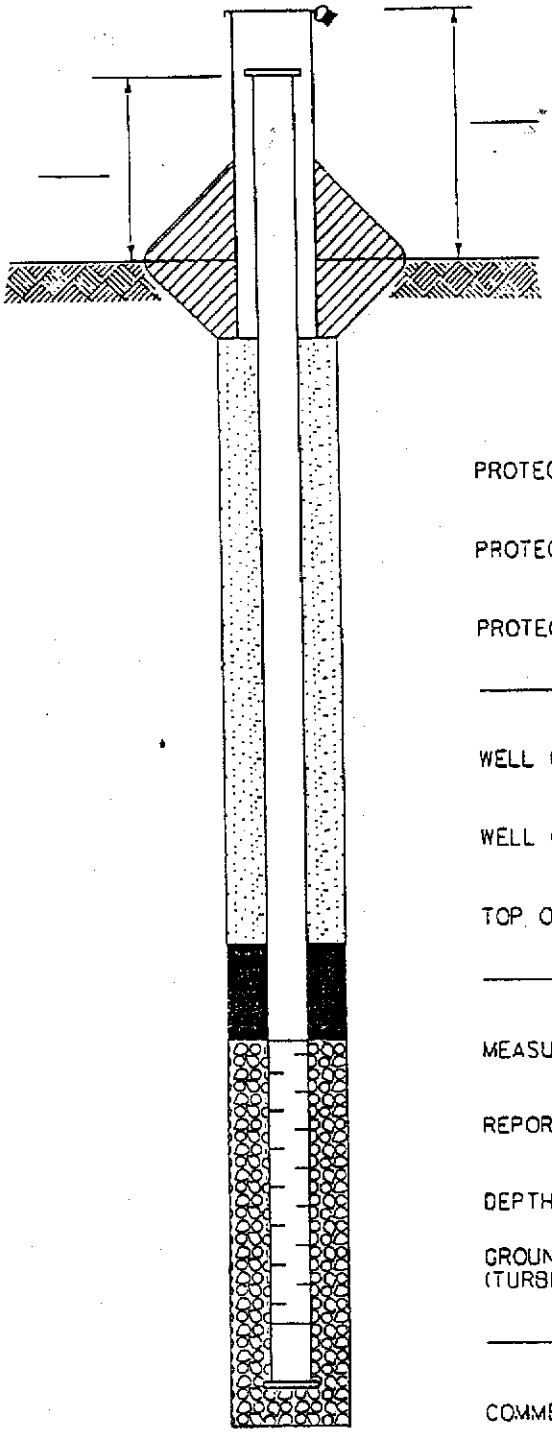
Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared By: Foth & Van Dyke | By: JDW | 043018

WELL ID MW-12



LOCK NO. _____

LOCK CONDITION: Replaced

SURFACE SEAL TYPE: Concrete

CONDITION OF SURFACE SEAL: Cracked

PROTECTOR PIPE TYPE: Steel

PROTECTOR PIPE SIZE: 5 1/2 Round

PROTECTOR PIPE CONDITION: Rusted

WELL CASING TYPE: PVC

WELL CASING DIAMETER: 2"

TOP OF PROTECTOR PIPE TO ANNULAR SPACE SEAL: _____

MEASURED TOTAL DEPTH: 15.20

REPORTED TOTAL DEPTH: —

DEPTH TO STANDING LIQUID: 3.27

GROUNDWATER OBSERVATION:
(TURBIDITY, COLOR, ODOR, ETC.): _____

COMMENTS: 6/13/06 Well open

Foth & Van Dyke

REVISED	DATE	BY	DESCRIPTION

CHECKED BY: JSK DATE: DEC. 05

APPROVED BY: SVD DATE: DEC. 05

APPROVED BY: DATE:

Kennecott Eagle Minerals Company

WELL INVENTORY FORM

Scale: NOT TO SCALE | Date: DECEMBER, 2005

Prepared By: Foth & Van Dyke | By: JDW | 043018

November 2006

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
MW-5	Monitoring Well	11/9/06	9.40
MW-6	Monitoring Well	11/9/06	23.52
MW-7	Monitoring Well	11/9/06	25.98
MW-9	Monitoring Well	11/9/06	27.36
MW-11	Monitoring Well	11/9/06	5.50
MW-12	Monitoring Well	11/9/06	4.36
MW-101	Monitoring Well	11/9/06	7.83
MW-102	Monitoring Well	11/9/06	7.75
MW-103	Monitoring Well	11/9/06	9.43
MW-104	Monitoring Well	11/9/06	10.38
PW-1	Monitoring Well	11/9/06	12.95
PW-2	Monitoring Well	11/9/06	37.09
PW-4	Monitoring Well	11/9/06	11.62
MW-601	Monitoring Well	11/9/06	8.13
MW-602	Monitoring Well	11/9/06	18.41
MW-603	Monitoring Well	11/9/06	17.68
MW-604	Monitoring Well	11/9/06	6.92
MW-605	Monitoring Well	11/9/06	7.59
MW-606	Monitoring Well	11/9/06	13.21
P-602	Monitoring Well	11/9/06	18.32
P-604	Monitoring Well	11/9/06	7.53
P-605	Monitoring Well	11/9/06	7.49

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
KMW-1	Monitoring Well	11/9/06	9.66
KMW-2	Monitoring Well	11/9/06	7.65
KMW-3	Monitoring Well	11/9/06	17.37
KMW-4	Monitoring Well	11/9/06	28.75
KMW-5	Monitoring Well	11/9/06	42.38
KMW-6A	Monitoring Well	11/9/06	42.14
KMW-7	Monitoring Well	11/9/06	25.67
KMW-9	Monitoring Well	11/9/06	25.27
KMW-9P	Monitoring Well	11/9/06	25.37
KMW-10	Monitoring Well	11/9/06	8.22
HMS-001	Staff Gauge	11/9/06	1.19
HMS-002	Staff Gauge	11/9/06	Dry
HMS-003	Staff Gauge	11/9/06	0.98
HMS-004	Staff Gauge	11/9/06	0.99
HMS-005	Staff Gauge	11/9/06	0.94
HMS-006	Staff Gauge	11/9/06	1.19
HMS-007	Staff Gauge	11/9/06	0.59

NM Not measured
NA Not applicable

Note: All monitoring well depths measured from top of PVC (at mark, if present). Staff gauges were read directly.

North Jackson Company
Field Sampling Report

Project Name: Humboldt Mill

Contact: North Jackson Company
1004 Harbor Hills Drive, Suite 102
Marquette, Michigan 49855
Phone (906) 225-6787

Summary of Sampling Activities

Sampling Date(s): 11/2/06, 11/6/06, 11/7/06, 11/8/06, 11/9/06 and 11/15/06

Activities: Collected groundwater samples from wells KMW-1, KMW-2, KMW-3, KMW-4, KMW-5, KMW-6A, KMW-7, KMW-9, KMW-9P, KMW-10, MW-5, MW-9, MW-11, MW-12, MW-101, MW-102, MW-103, MW-104, MW-601, MW-602, MW-603, MW-604, MW-605, MW-606, P-602, P-604, P-605, PW-1, PW-2, and PW-4. MW-6 and MW-7 had insufficient water volume for sampling.

Collected QA/QC samples, including 5 masked duplicates, 5 field (atmospheric) blanks, and 2 trip blanks.

Measured water levels at 32 monitoring wells and 7 staff gauges on 11/9/06.

Field Report Attachments

Field Analytical Data Summary	Yes
Flow Measurement	No
Water Sampling Log	Yes
Chain of Custody Numbers	015064, 015065, 015066, 015110, 015111, 015112, 0151

Laboratory Analysis

Pace Analytical: PCBs, PAHs, VOCs, metals (field filtered), ammonia, nitrate/nitrite, sulfide, cyanide, general chemistry

Sampler Name(s): Andrew Maracini (AJM), Dan Wiitala (DWW), Richard Eagle (RRE) and Peter Sabee (PJS)

North Jackson Company
Groundwater Quality Control Sampling Summary

Project Name: Humboldt Mill

Sample ID	Sampling Date	Description
DUP001	11/2/06	Masked duplicate (MW-12)
DUP002	11/6/06	Masked duplicate (PW-1)
DUP003	11/7/06	Masked duplicate (P-602)
DUP004	11/8/06	Masked duplicate (KMW-7)
DUP005	11/9/06	Masked duplicate (KMW-3)
FBK001	11/2/06	Field blank - all params
FBK002	11/6/06	Field blank - all params
FBK003	11/7/06	Field blank - all params
FBK004	11/8/06	Field blank - select params
FBK005	11/9/06	Field blank - select params
Trip Blank	11/7/06	Trip blank - from PACE
Tripblank2	11/8/06	Trip blank - from PACE

North Jackson Company
Groundwater Field Data Summary

Project Name: Humboldt Mill

Sample ID	Sampling Date	Temp (°C)*	Spec Cond (µmhos/cm @ 25°C)	pH (SU)	DO (ppm)	Turbidity (NTU)	ORP (mV)
KMW-1	11/8/06	11	270	6.9	NM	13	26
KMW-2	11/8/06	11	345	7.2	NM	15	-24
KMW-3	11/9/06	9.6	512	6.5	<0.001	11	-62
KMW-4	11/8/06	8.5	364	6.9	<0.005	5	22
KMW-5	11/8/06	11	442	6.6	1	7	-62
KMW-6A	11/8 & 11/15/06	12	1036	6.5	<0.001	9	49
KMW-7	11/8/06	10	1330	6.2	<0.005	6	56
KMW-9	11/8/06	11	441	6.5	NM	2	90
KMW-9P	11/8/06	8.6	1547	6.7	<0.005	4	-6
KMW-10	11/8/06	10	217	6.6	<0.05	6	-14
MW-5	11/6/06	16	1066	6.4	NM	NM	71
MW-6	i	i	i	i	i	i	i
MW-7	i	i	i	i	i	i	i
MW-9	11/6/06	13	436	6.4	NM	NM	-44
MW-11	11/2/06	7.4	2547	6.2	0.8	15	-56
MW-12	11/2/06	10	315	7.2	<0.001	3	-94
MW-101	11/2/06	12	368	6.6	<0.001	13	-86
MW-102	11/8 & 11/9/06	i	i	i	i	i	i
MW-103	11/2/06	11	608	6.6	<0.001	9	-87
MW-104	11/8 & 11/9/06	i	i	i	i	i	i

North Jackson Company
Groundwater Field Data Summary

Project Name: Humboldt Mill

Sample ID	Sampling Date	Temp (°C)*	Spec Cond (µmhos/cm @ 25°C)	pH (SU)	DO (ppm)	Turbidity (NTU)	ORP (mV)
MW-601	11/8/06	10	825	6.5	NM	15	-43
MW-602	11/6/06	11	157	6.7	<0.01	11	-58
MW-603	11/7/06	11	77	6.3	0.7	12	38
MW-604	11/7/06	10	272	6.7	<0.05	3	-50
MW-605	11/7/06	12	217	7.0	0.2	10	34
MW-606	11/7/06	11	170	7.1	0.2	14	-42
P-602	11/7/06	9.1	111	7.7	<0.05	13	-95
P-604	11/7/06	10	227	6.8	0.1	4	12
P-605	11/7/06	8.9	249	7.3	<0.05	15	-75
PW-1	11/6/06	13	275	6.5	NM	4	-76
PW-2	11/2/06	9.8	479	6.6	1	NM	139
PW-4	11/6/06	15	545	6.9	NM	NM	-38

i Insufficient water for sampling and/or collecting field parameters.
NM Not measured
* All temperature measurements were affected by low-flow methodology and may be slightly warmer or colder than actual conditions.

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
MW-5	Monitoring Well	11/9/06	9.40
MW-6	Monitoring Well	11/9/06	23.52
MW-7	Monitoring Well	11/9/06	25.98
MW-9	Monitoring Well	11/9/06	27.36
MW-11	Monitoring Well	11/9/06	5.50
MW-12	Monitoring Well	11/9/06	4.36
MW-101	Monitoring Well	11/9/06	7.83
MW-102	Monitoring Well	11/9/06	7.75
MW-103	Monitoring Well	11/9/06	9.43
MW-104	Monitoring Well	11/9/06	10.38
MW-601	Monitoring Well	11/9/06	8.13
MW-602	Monitoring Well	11/9/06	18.41
MW-603	Monitoring Well	11/9/06	17.68
MW-604	Monitoring Well	11/9/06	6.92
MW-605	Monitoring Well	11/9/06	7.59
MW-606	Monitoring Well	11/9/06	13.21
P-602	Monitoring Well	11/9/06	18.32
P-604	Monitoring Well	11/9/06	7.53
P-605	Monitoring Well	11/9/06	7.49
PW-1	Monitoring Well	11/9/06	12.95
PW-2	Monitoring Well	11/9/06	37.09
PW-4	Monitoring Well	11/9/06	11.62

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
KMW-1	Monitoring Well	11/9/06	9.66
KMW-2	Monitoring Well	11/9/06	7.65
KMW-3	Monitoring Well	11/9/06	17.37
KMW-4	Monitoring Well	11/9/06	28.75
KMW-5	Monitoring Well	11/9/06	42.38
KMW-6A	Monitoring Well	11/9/06	42.14
KMW-7	Monitoring Well	11/9/06	25.67
KMW-9	Monitoring Well	11/9/06	25.27
KMW-9P	Monitoring Well	11/9/06	25.37
KMW-10	Monitoring Well	11/9/06	8.22
HMS-001	Staff Gauge	11/9/06	1.19
HMS-002	Staff Gauge	11/9/06	Dry
HMS-003	Staff Gauge	11/9/06	0.98
HMS-004	Staff Gauge	11/9/06	0.99
HMS-005	Staff Gauge	11/9/06	0.94
HMS-006	Staff Gauge	11/9/06	1.19
HMS-007	Staff Gauge	11/9/06	0.59

NM Not measured
NA Not applicable

Note: All monitoring well depths measured from top of PVC (at mark, if present). Staff gauges were read directly.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Overcast, light breeze, ~40°s F
Sample ID: KMW-1

Date: 11/8/06
Sampler(s): PJS/AJM
Sampling time: 0855

Odor: Degraded petrol
Appearance: Yellow brown cast

Temperature (°C):	11
Spec. Cond. (µmhos/cm @ 25°C):	270
Conductivity (µmhos):	199
pH (SU):	6.9
D.O. (ppm):	NM
Turbidity (NTU):	13
ORP:	26

Description of measuring point: Mark on PVC riser

Total depth:	15	ft
Approx. Depth to water:	10	ft
Water column in well:	5	ft
Volume/foot:	0.16	gal/ft
Well volume:	0.9	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~2.5

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.1 gpm.
Flow too low for accurate DO measurement.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0830							9.40
0835	11.0	252	6.9	NM	5	0.5	10.73
0840	11.1	256	6.9	NM	26	1.0	10.85
0845	11.1	262	6.9	NM	33	1.5	10.80
0850	11.2	267	6.9	NM	30	2.0	10.71
0855	11.2	270	6.9	NM	26	2.5	10.68

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Overcast, light breeze, ~40°s F
Sample ID: KMW-2

Date: 11/8/06
Sampler(s): PJS/RRE
Sampling time: 0955

Odor: Slight petroleum
Appearance: Brown

Temperature (°C): 11
Spec. Cond. (µmhos/cm @ 25°C): 345
Conductivity (µmhos): 254
pH (SU): 7.2
D.O. (ppm): NM
Turbidity (NTU): 15
ORP: -24

Description of measuring point: Mark on PVC riser

Total depth: 19 ft
Approx. Depth to water: 8 ft
Water column in well: 11 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~2.8

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.1 gpm after 0935.
Poorly developed. Flow too low for accurate DO measurement.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0930							7.54
0940	10.7	360	7.3	NM	-15	1.3	8.40
0945	10.7	356	7.2	NM	-20	1.8	8.30
0950	11.0	343	7.2	NM	-18	2.3	8.40
0955	11.2	345	7.2	NM	-24	2.8	8.50

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, windy, ~30°s F
Sample ID: KMW-3

Date: 11/9/06
Sampler(s): AJM/RRE
Sampling time: 1210

Odor: None
Appearance: Clear

Temperature (°C):	9.6
Spec. Cond. (µmhos/cm @ 25°C):	512
Conductivity (µmhos):	362
pH (SU):	6.5
D.O. (ppm):	<0.001
Turbidity (NTU):	11
ORP:	-62

Description of measuring point: Mark on PVC riser

Total depth:	32	ft
Approx. Depth to water:	17	ft
Water column in well:	15	ft
Volume/foot:	0.16	gal/ft
Well volume:	2	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~4

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.1 gpm.
Collected masked duplicate (DUP005) here.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1130							17.37
1145	9.6	510	6.4	NM	-41	1.5	17.41
1150	9.6	512	6.5	NM	-49	2.0	17.41
1155	9.7	512	6.5	<0.001	-55	2.5	17.41
1200	9.5	512	6.5	NM	58	3.0	17.41
1205	9.5	512	6.5	<0.001	-59	3.5	17.41
1210	9.6	512	6.5	<0.001	-62	4.0	17.41

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Rain, calm, ~40°s F
Sample ID: KMW-4

Date: 11/8/06
Sampler(s): PJS/RRE
Sampling time: 1420

Odor: None
Appearance: Clear

Temperature (°C): 8.5
Spec. Cond. (µmhos/cm @ 25°C): 364
Conductivity (µmhos): 249
pH (SU): 6.9
D.O. (ppm): <0.005
Turbidity (NTU): 5
ORP: 22

Description of measuring point: Mark on PVC riser

Total depth: 43 ft
Approx. Depth to water: 29 ft
Water column in well: 14 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~6

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1400							28.72
1405	8.4	380	7.0	NM	23	1.5	28.85
1410	8.5	368	6.9	<0.005	21	3.0	28.87
1415	8.5	366	6.9	<0.005	23	4.5	28.90
1420	8.5	364	6.9	<0.005	22	6.0	28.90

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, ~40°s F
Sample ID: KMW-5

Date: 11/8/06
Sampler(s): RRE/PJS
Sampling time: 1200

Odor: None
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (µmhos/cm @ 25°C): 442
Conductivity (µmhos): 322
pH (SU): 6.6
D.O. (ppm): 1
Turbidity (NTU): 7
ORP: -62

Description of measuring point: Mark on PVC riser

Total depth: 53 ft
Approx. Depth to water: 42 ft
Water column in well: 11 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~2

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.05 gpm.
Power failure caused pump replacement (original depth to water was 42.25' at 1055).

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1120							42.84
1130	9.6	441	6.6	NM	-14	0.5	43.08
1135	10.0	441	6.6	NM	-34	0.8	43.19
1140	10.2	440	6.6	1	-48	1.0	43.25
1145	10.4	441	6.6	1	-55	1.3	43.32
1150	10.6	441	6.6	1	-59	1.5	43.41
1155	10.7	442	6.6	1	-60	1.8	43.48
1200	10.8	442	6.6	1	-62	2.0	43.52

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, light rain, ~50°s F
Sample ID: KMW-6A

Date: 11/8 & 11/15/06
Sampler(s): RRE/PJS
Sampling time: 1405

Odor: Petroleum
Appearance: Clear

Temperature (°C): 12
Spec. Cond. (µmhos/cm @ 25°C): 1036
Conductivity (µmhos): 763
pH (SU): 6.5
D.O. (ppm): <0.001
Turbidity (NTU): 9
ORP: 49

Description of measuring point: Mark on PVC riser

Total depth: 46 ft
Approx. Depth to water: 42 ft
Water column in well: 4 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.6 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~4

Evacuation method: Dedicated submersible pump

Date/Time	# Collected	Bottle	Preservative	Parameter	
11/8 (1405)	3	1 L amber glass	None	PCB/PAH	
11/8 (1405)	2	40 ml vial	HCL	VOC	
11/15 (1200)	1	500 ml clear glass	None	Hg	Filtered
11/8 (1405)	1	500 ml plastic	HNO3	Metals, hardness	Filtered
11/8 (1405)	1	250 ml plastic	HNO3	Lithium	Filtered
11/8 (1405)	1	250 ml plastic	H2SO4	Ammonia	
11/8 (1405)	2	250 ml plastic	None	General/Nitrate, Nitrite	
11/8 (1405)	1	250 ml plastic	NaOH, ZnAC	Sulfide	
11/8 (1405)	1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.1 gpm.
Hg was resampled because container broke.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1325							42.08
1340	11.4	1063	6.5	NM	40	1.5	42.13
1345	11.5	1065	6.5	NM	42	2.0	42.13
1350	11.7	1062	6.5	<0.001	48	2.5	42.14
1355	11.7	1034	6.5	<0.001	49	3.0	42.16
1400	11.7	1031	6.5	<0.001	49	3.5	42.17
1405	11.6	1036	6.5	<0.001	49	4.0	42.18

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Light rain, overcast, breeze, ~50°s F
Sample ID: KMW-7

Date: 11/8/06
Sampler(s): PJS/RRE
Sampling time: 1305

Odor: None
Appearance: Clear

Temperature (°C): 10
Spec. Cond. (µmhos/cm @ 25°C): 1330
Conductivity (µmhos): 949
pH (SU): 6.2
D.O. (ppm): <0.005
Turbidity (NTU): 6
ORP: 56

Description of measuring point: Mark on PVC riser

Total depth: 30 ft
Approx. Depth to water: 26 ft
Water column in well: 4 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.7 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~5

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.2 gpm.
Masked duplicate (DUP004) collected here.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1240							25.60
1245	9.7	1333	6.3	<0.005	76	1.0	25.70
1250	9.8	1331	6.2	<0.005	65	2.0	25.70
1255	10.0	1331	6.2	NM	60	3.0	25.65
1300	10.0	1334	6.2	NM	57	4.0	25.75
1305	10.0	1330	6.2	NM	56	5.0	25.75

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Overcast, breeze, ~40°s F
Sample ID: KMW-9

Date: 11/8/06
Sampler(s): PJS/RRE
Sampling time: 1110

Odor: None
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (µmhos/cm @ 25°C): 441
Conductivity (µmhos): 319
pH (SU): 6.5
D.O. (ppm): NM
Turbidity (NTU): 2
ORP: 90

Description of measuring point: Mark on PVC riser

Total depth: 32 ft
Approx. Depth to water: 25 ft
Water column in well: 7 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~6

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.3 gpm.
Flow too low for accurate DO measurement.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1050							25.30
1055	8.7	447	6.6	NM	82	1.5	25.50
1100	9.4	440	6.5	NM	87	3.0	25.50
1105	9.9	440	6.5	NM	85	4.5	25.45
1110	10.5	441	6.5	NM	90	6.0	25.50

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Overcast, light breeze, ~40°s F
Sample ID: KMW-9P

Date: 11/8/06
Sampler(s): PJS/RRE
Sampling time: 1150

Odor: None
Appearance: Clear

Temperature (°C): 8.6
Spec. Cond. (µmhos/cm @ 25°C): 1547
Conductivity (µmhos): 1062
pH (SU): 6.7
D.O. (ppm): <0.005
Turbidity (NTU): 4
ORP: -6

Description of measuring point: Mark on PVC riser

Total depth: 57 ft
Approx. Depth to water: 25 ft
Water column in well: 32 ft
Volume/foot: 0.16 gal/ft
Well volume: 5 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~10

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.5 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1130							25.20
1135	8.6	1542	6.7	<0.005	13	3	25.45
1140	8.6	1544	6.7	<0.005	4	5	25.45
1145	8.6	1547	6.7	<0.005	-3	8	25.45
1150	8.6	1547	6.7	<0.005	-6	10	25.45

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, ~40°s F
Sample ID: KMW-10

Date: 11/8/06
Sampler(s): AJM/PJS
Sampling time: 1155

Odor: None
Appearance: Clear

Temperature (°C): 10
Spec. Cond. (µmhos/cm @ 25°C): 217
Conductivity (µmhos): 156
pH (SU): 6.6
D.O. (ppm): <0.05
Turbidity (NTU): 6
ORP: -14

Description of measuring point: Mark on PVC riser

Total depth: 15 ft
Approx. Depth to water: 8 ft
Water column in well: 7 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~13

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.6 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1133							8.23
1140	10.4	217	6.7	NM	10	4	8.24
1145	10.4	218	6.6	0.05	-3	7	8.25
1150	10.5	217	6.6	<0.05	-11	10	8.24
1155	10.5	217	6.6	<0.05	-14	13	8.24

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, ~40°s F
Sample ID: MW-5

Date: 11/6/06
Sampler(s): RRE/AJM
Sampling time: 1505

Odor: Petroleum
Appearance: Oily sheen, yellowish

Temperature (°C): 16
Spec. Cond. (µmhos/cm @ 25°C): 1066
Conductivity (µmhos): 877
pH (SU): 6.4
D.O. (ppm): NM
Turbidity (NTU): NM
ORP: 71

Description of measuring point: Mark on PVC riser

Total depth: 17 ft
Approx. Depth to water: 9 ft
Water column in well: 8 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~3.5

Evacuation method:

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.1 gpm.
Flow too low for accurate DO measurement.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1430							9.98
1445	15.1	1031	6.4	NM	68	1.5	11.40
1450	15.2	1035	6.4	NM	68	2.0	11.68
1455	15.4	1042	6.4	NM	69	2.5	12.02
1500	15.5	1055	6.4	NM	70	3.0	12.44
1505	15.6	1066	6.4	NM	71	3.5	12.63

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Windy, snow flurries, ~20°s F
Sample ID: MW-6

Date: 11/2/06
Sampler(s): DWW/AJM
Sampling time: NA

Odor: NA
Appearance: NA

Temperature (°C): i
Spec. Cond. (µmhos/cm @ 25°C): i
Conductivity (µmhos): i
pH (SU): i
D.O. (ppm): i
Turbidity (NTU): i
ORP: i

Description of measuring point: Mark on PVC riser

Total depth: 24 ft
Approx. Depth to water: 24 ft
Water column in well: 0 ft
Volume/foot: 0.16 gal/ft
Well volume: 0 gal

Well diameter (in): 2

Gallons purged prior to sampling: NA

Evacuation method:

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
0	40 ml vial	HCL	VOC	
0	500 ml clear glass	None	Hg	Filtered
0	500 ml plastic	HNO3	Metals, hardness	Filtered
0	250 ml plastic	HNO3	Lithium	Filtered
0	250 ml plastic	H2SO4	Ammonia	
0	250 ml plastic	None	General/Nitrate, Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	
0	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Insufficient water for sampling or collecting field parameters.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Windy, snow flurries, ~20°s F
Sample ID: MW-7

Date: 11/2/06
Sampler(s): DWW/AJM
Sampling time: NA

Odor: NA
Appearance: NA

Temperature (°C): i
Spec. Cond. (µmhos/cm @ 25°C): i
Conductivity (µmhos): i
pH (SU): i
D.O. (ppm): i
Turbidity (NTU): i
ORP: i

Description of measuring point: Mark on PVC riser

Total depth: 27 ft
Approx. Depth to water: 26 ft
Water column in well: 1 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.2 gal

Well diameter (in): 2

Gallons purged prior to sampling: NA

Evacuation method:

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
0	40 ml vial	HCL	VOC	
0	500 ml clear glass	None	Hg	Filtered
0	500 ml plastic	HNO3	Metals, hardness	Filtered
0	250 ml plastic	HNO3	Lithium	Filtered
0	250 ml plastic	H2SO4	Ammonia	
0	250 ml plastic	None	General/Nitrate, Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	
0	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Insufficient water for sampling or collecting field parameters.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Clear, breezy, ~40°s F
Sample ID: MW-9

Date: 11/6/06
Sampler(s): PJS/AJM
Sampling time: 1220

Odor: Petroleum (gasoline?)
Appearance: Clear

Temperature (°C): 13
Spec. Cond. (µmhos/cm @ 25°C): 436
Conductivity (µmhos): 333
pH (SU): 6.4
D.O. (ppm): NM
Turbidity (NTU): NM
ORP: -44

Description of measuring point: Mark on PVC riser

Total depth: 29 ft
Approx. Depth to water: 27 ft
Water column in well: 2 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.3 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~2

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.1 gpm.
Flow too low for accurate DO measurement.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1200							27.16
1205	11.4	404	6.4	NM	-41	0.5	27.96
1210	12.0	428	6.4	NM	-45	1.0	28.03
1215	12.4	439	6.4	NM	-44	1.5	28.10
1220	12.6	436	6.4	NM	-44	2.0	28.18

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Windy, snow flurries, ~20°s F
Sample ID: MW-11

Date: 11/2/06
Sampler(s): DWW/AJM
Sampling time: 1350

Odor: Hydrogen sulfide
Appearance: Yellow tint, trace black sediment

Temperature (°C): 7.4
Spec. Cond. (µmhos/cm @ 25°C): 2547
Conductivity (µmhos): 1650
pH (SU): 6.2
D.O. (ppm): 0.8
Turbidity (NTU): 15
ORP: -56

Description of measuring point: Mark on PVC riser

Total depth: 12 ft
Approx. Depth to water: 6 ft
Water column in well: 7 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~5.3

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.1 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
Pump on 1249							6.78
1300	6.8	2409	6.3	1	-32	1.1	8.43
1311	6.8	2442	6.3	0.4	-35	2.2	4.64
1324	7.6	2479	6.2	1	-43	3.5	8.97
1336	7.9	2520	6.2	1	-55	4.7	9.03
1342	7.4	2547	6.2	0.8	-56	5.3	8.95

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, snow, ~20°s F
Sample ID: MW-12

Date: 11/2/06
Sampler(s): AJM/RRE
Sampling time: 1350

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C):	10
Spec. Cond. (µmhos/cm @ 25°C):	315
Conductivity (µmhos):	225
pH (SU):	7.2
D.O. (ppm):	<0.001
Turbidity (NTU):	3
ORP:	-94

Description of measuring point: Mark on PVC riser

Total depth:	15	ft
Approx. Depth to water:	4	ft
Water column in well:	11	ft
Volume/foot:	0.16	gal/ft
Well volume:	2	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~5.4

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.1 gpm.
Masked duplicate (DUP001) collected here.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1256							5.84
1310	7.9	327	7.1	<0.001	-40	1.4	6.58
1315	9.6	316	7.2	<0.001	-68	1.9	6.58
1320	9.7	318	7.2	<0.001	-78	2.4	6.58
1325	9.8	315	7.2	<0.001	-78	2.9	6.52
1330	9.8	314	7.2	<0.001	-77	3.4	6.52
1335	9.9	314	7.2	<0.001	-82	3.9	6.53
1340	10.0	316	7.2	<0.001	-90	4.4	6.52
1345	10.1	315	7.2	<0.001	-90	4.9	6.49
1350	10.0	315	7.2	<0.001	-94	5.4	6.49

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, snow, ~20°s F
Sample ID: MW-101

Date: 11/2/06
Sampler(s): AJM/RRE
Sampling time: 1045

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C): 12
Spec. Cond. (µmhos/cm @ 25°C): 368
Conductivity (µmhos): 272
pH (SU): 6.6
D.O. (ppm): <0.001
Turbidity (NTU): 13
ORP: -86

Description of measuring point: Mark on PVC riser

Total depth: 21 ft
Approx. Depth to water: 8 ft
Water column in well: 13 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~18

Evacuation method: Dedicated submersible pump and tubing

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.4 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1000							7.70
1019	11.1	391	6.7	<0.001	-120	8	7.74
1025	11.5	386	6.7	<0.001	-75	10	7.74
1030	11.6	382	6.7	<0.001	-75	12	7.74
1035	11.6	377	6.7	<0.001	-78	14	7.74
1040	11.7	371	6.6	<0.001	-82	16	7.74
1045	11.6	368	6.6	<0.001	-86	18	7.74

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Rain, ~50°s F
Sample ID: MW-102

Date: 11/8 & 11/9/06
Sampler(s): AJM/RRE
Sampling time: See below

Odor: NM
Appearance: Yellowish

Temperature (°C): i
Spec. Cond. (µmhos/cm @ 25°C): i
Conductivity (µmhos): i
pH (SU): i
D.O. (ppm): i
Turbidity (NTU): i
ORP: i

Description of measuring point: Mark on PVC riser

Total depth: 9 ft
Approx. Depth to water: 8 ft
Water column in well: 1 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.2

Evacuation method: Dedicated submersible pump

Date/Time	# Collected	Bottle	Preservative	Parameter	
11/8 (1410)	1	1 L amber glass	None	PAH (not PCBs)	
11/8 (1410)	3	40 ml vial	HCL	VOC	
11/9 (1045)	1	500 ml clear glass	None	Hg	Filtered
11/9 (1045)	1	500 ml plastic	HNO3	Metals, hardness	Filtered
11/9 (1045)	1	250 ml plastic	HNO3	Lithium	Filtered
11/9 (1625)	1	250 ml plastic	H2SO4	Ammonia	
11/9 (1625)	2	250 ml plastic	None	General/Nitrate, Nitrite	
11/9 (1625)	1	250 ml plastic	NaOH, ZnAC	Sulfide	
NA	0	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Insufficient water for collection of field parameters or stabilization.
Purged on 11/6 and sampled for shorter parameter list at dates (times) shown above.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Windy, snow flurries, ~20°s F
Sample ID: MW-103

Date: 11/2/06
Sampler(s): DWW/AJM
Sampling time: 1040

Odor: Moderate hydrogen sulfide
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (µmhos/cm @ 25°C): 608
Conductivity (µmhos): 422
pH (SU): 6.6
D.O. (ppm): <0.001
Turbidity (NTU): 9
ORP: -87

Description of measuring point: Mark on PVC riser

Total depth: 22 ft
Approx. Depth to water: 9 ft
Water column in well: 13 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~11

Evacuation method: Dedicated submersible pump and tubing

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0959							9.43
1019	10.4	599	6.5	NM	-70	6	9.45
1025	10.7	600	6.6	<0.001	-82	8	9.57
1027	11.2	NM	6.6	NM	-84	8	9.55
1031	10.9	606	6.6	<0.001	-84	10	9.55
1035	11.1	608	6.6	<0.001	-87	11	9.52

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, rain, ~50°s F
Sample ID: MW-104

Date: 11/8 & 11/9/06
Sampler(s): AJM/RRE
Sampling time: See below

Odor: Petroleum
Appearance: Brown

Temperature (°C): i
Spec. Cond. (µmhos/cm @ 25°C): i
Conductivity (µmhos): i
pH (SU): i
D.O. (ppm): i
Turbidity (NTU): i
ORP: i

Description of measuring point: Mark on PVC riser

Total depth: 12 ft
Approx. Depth to water: 10 ft
Water column in well: 2 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.3 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.3

Evacuation method: Dedicated submersible pump

Date/Time	# Collected	Bottle	Preservative	Parameter	
NA	0	1 L amber glass	None	PCB/PAH	
11/8 (1500)	3	40 ml vial	HCL	VOC	
11/9 (0950)	1	500 ml clear glass	None	Hg	Filtered
11/8 (1500)	1	500 ml plastic	HNO3	Metals, hardness	Filtered
11/8 (1500)	1	250 ml plastic	HNO3	Lithium	Filtered
NA	0	250 ml plastic	H2SO4	Ammonia	
NA	0	250 ml plastic	None	General/Nitrate, Nitrite	
11/9 (0950)	1	250 ml plastic	NaOH, ZnAC	Sulfide	
11/9 (0950)	1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Insufficient water for collection of field parameters.
Purged on 11/6 and sampled for shorter parameter list at dates (times) shown above.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, fog, ~40°s F
Sample ID: MW-601

Date: 11/8/06
Sampler(s): AJM/PJS
Sampling time: 0950

Odor: None
Appearance: Oil sheen, turbid, brown

Temperature (°C): 10
Spec. Cond. (µmhos/cm @ 25°C): 825
Conductivity (µmhos): 594
pH (SU): 6.5
D.O. (ppm): NM
Turbidity (NTU): 15
ORP(mV): -43

Description of measuring point: Mark on PVC riser

Total depth: 14 ft
Approx. Depth to water: 8 ft
Water column in well: 6 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~2

Evacuation method:

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.05 gpm.
Flow too low for accurate DO measurement.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0910							7.78
0925	10.3	792	6.4	NM	-6	0.8	10.75
0930	10.5	808	6.4	NM	-25	1.0	10.80
0935	10.4	818	6.5	NM	-37	1.3	10.95
0940	10.4	822	6.5	NM	-41	1.5	11.14
0945	10.3	823	6.5	NM	-43	1.8	11.34
0950	10.3	825	6.5	NM	-43	2.0	11.43

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Overcast, breezy, ~50°s F
Sample ID: MW-602

Date: 11/6/06
Sampler(s): PJS/AJM
Sampling time: 1535

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (µmhos/cm @ 25°C): 157
Conductivity (µmhos): 115
pH (SU): 6.7
D.O. (ppm): <0.01
Turbidity (NTU): 11
ORP: -58

Description of measuring point: Mark on PVC riser

Total depth: 21 ft
Approx. Depth to water: 18 ft
Water column in well: 3 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.4 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~18

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.5 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1500							18.35
1505	11.0	153	6.7	NM	-12	3	18.52
1510	11.0	154	6.7	NM	-26	5	18.51
1515	11.0	155	6.8	NM	-40	8	18.50
1520	11.0	156	6.8	<0.01	-48	10	18.49
1525	11.0	157	6.8	<0.01	-55	13	18.55
1530	11.0	157	6.8	<0.01	-56	15	18.55
1535	11.0	157	6.7	<0.01	-58	18	18.60

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, light drizzle, ~40°s F
Sample ID: MW-603

Date: 11/7/06
Sampler(s): AJM/DWW
Sampling time: 1410

Odor: None
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (µmhos/cm @ 25°C): 77
Conductivity (µmhos): 57
pH (SU): 6.3
D.O. (ppm): 0.7
Turbidity (NTU): 12
ORP: 38

Description of measuring point: Mark on PVC riser

Total depth: 24 ft
Approx. Depth to water: 18
Water column in well: 6 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~11

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1335							17.68
1340	11.0	73	6.3	NM	95	2	17.90
1345	11.4	74	6.2	NM	60	3	17.89
1350	11.3	74	6.2	0.7	53	5	17.92
1355	11.3	75	6.3	0.7	45	6	17.89
1400	11.3	76	6.3	NM	42	8	17.89
1405	11.3	76	6.3	NM	41	9	17.88
1410	11.3	77	6.3	0.7	38	11	17.88

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, calm, ~50°s F
Sample ID: MW-604

Date: 11/7/06
Sampler(s): DWW/AJM
Sampling time: 1605

Odor: V. slight hydrogen sulfide
Appearance: Clear, no color

Temperature (°C): 10
Spec. Cond. (µmhos/cm @ 25°C): 272
Conductivity (µmhos): 195
pH (SU): 6.7
D.O. (ppm): <0.05
Turbidity (NTU): 3
ORP: -50

Description of measuring point: Mark on PVC riser

Total depth: 14 ft
Approx. Depth to water: 7 ft
Water column in well: 7 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~9

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1533							6.92
1548	10.1	265	6.5	<0.05	1.2	5	6.94
1552	10.2	267	6.6	<0.05	-30	6	6.94
1556	10.2	269	6.6	<0.05	-40	7	6.94
1600	10.2	270	6.7	<0.05	-47	8	6.94
1604	10.2	272	6.7	<0.05	-50	9	6.94

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, mist, ~50°s F
Sample ID: MW-605

Date: 11/7/06
Sampler(s): DWW/AJM
Sampling time: 1500

Odor: None
Appearance: Clear

Temperature (°C): 12
Spec. Cond. (µmhos/cm @ 25°C): 217
Conductivity (µmhos): 162
pH (SU): 7.0
D.O. (ppm): 0.2
Turbidity (NTU): 10
ORP: 34

Description of measuring point: Mark on PVC riser

Total depth: 14 ft
Approx. Depth to water: 8 ft
Water column in well: 6 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~11

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1404							7.57
1416	11.4	218	7.1	0.2	-17	4	7.63
1420	11.7	218	7.0	0.2	3	5	7.63
1424	11.8	217	7.0	0.2	18	6	7.63
1428	11.7	217	7.0	0.2	33	7	7.63
1436	11.6	218	7.0	NM	32	10	7.63
1440	11.6	217	7.0	0.2	34	11	7.63

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, fog, ~40°s F
Sample ID: MW-606

Date: 11/7/06
Sampler(s): AJM/RRE
Sampling time: 1145

Odor: None
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (µmhos/cm @ 25°C): 170
Conductivity (µmhos): 125
pH (SU): 7.1
D.O. (ppm): 0.2
Turbidity (NTU): 14
ORP: -42

Description of measuring point: Mark on PVC riser

Total depth: 16 ft
Approx. Depth to water: 13 ft
Water column in well: 3 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.5 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~5

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.1 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1055							13.12
1105	10.9	155	6.7	0.5	57	1.0	13.34
1110	10.9	160	6.9	0.5	5	1.5	13.30
1115	10.9	162	7.0	0.5	-8	2.0	13.30
1120	10.9	164	7.0	NM	-16	2.5	13.30
1125	10.9	166	7.1	NM	-25	3.0	13.29
1130	10.9	167	7.1	NM	-31	3.5	13.30
1135	10.9	169	7.1	NM	-38	4.0	13.30
1140	10.9	169	7.1	NM	-41	4.5	13.30
1145	10.9	170	7.1	0.2	-42	5.0	13.30

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, fog, calm, ~50°s F
Sample ID: P-602

Date: 11/7/06
Sampler(s): DWW/AJM
Sampling time: 1150

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C): 9.1
Spec. Cond. (µmhos/cm @ 25°C): 111
Conductivity (µmhos): 77
pH (SU): 7.7
D.O. (ppm): <0.05
Turbidity (NTU): 13
ORP: -95

Description of measuring point: Mark on PVC riser

Total depth: 46 ft
Approx. Depth to water: 18 ft
Water column in well: 28 ft
Volume/foot: 0.16 gal/ft
Well volume: 5 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~13

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.
Masked duplicate (DUP003) collected here.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1103							18.28
1119	9.4	116	7.7	<0.05	NM	5	18.74
1124	9.2	115	7.7	<0.05	-69	6	18.74
1131	9.1	113	7.7	<0.05	-91	8	18.74
1139	9.1	112	7.7	<0.05	-97	11	18.74
1146	9.1	111	7.7	<0.05	-95	13	18.74

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, drizzle, ~40°s F
Sample ID: P-604

Date: 11/7/06
Sampler(s): AJM/RRE
Sampling time: 1610

Odor: None
Appearance: Clear

Temperature (°C): 10
Spec. Cond. (µmhos/cm @ 25°C): 227
Conductivity (µmhos): 162
pH (SU): 6.8
D.O. (ppm): 0.1
Turbidity (NTU): 4
ORP: 12

Description of measuring point: Mark on PVC riser

Total depth: 28 ft
Approx. Depth to water: 8 ft
Water column in well: 20 ft
Volume/foot: 0.16 gal/ft
Well volume: 3 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~8

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1545							7.56
1555	10.1	229	6.8	NM	3	3	7.77
1600	10.1	228	6.8	0.1	13	5	7.75
1605	10.1	228	6.8	0.1	12	6	7.70
1610	10.1	227	6.8	0.1	12	8	7.73

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, mist, ~40°s F
Sample ID: P-605

Date: 11/7/06
Sampler(s): DWW/AJM
Sampling time: 1410

Odor: None
Appearance: Clear

Temperature (°C): 8.9
Spec. Cond. (µmhos/cm @ 25°C): 249
Conductivity (µmhos): 172
pH (SU): 7.3
D.O. (ppm): <0.05
Turbidity (NTU): 15
ORP: -75

Description of measuring point: Mark on PVC riser

Total depth: 35 ft
Approx. Depth to water: 7 ft
Water column in well: 27 ft
Volume/foot: 0.16 gal/ft
Well volume: 4 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~9

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1338							7.50
1344	9.7	251	7.4	<0.05	-58	1.8	7.52
1350	9.0	249	7.4	<0.05	-66	3.6	7.52
1356	8.8	250	7.3	<0.05	-73	5.4	7.52
1402	8.9	249	7.3	<0.05	-75	7.2	7.52
1408	8.9	249	7.3	<0.05	-75	9.0	7.52

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~40°s F
Sample ID: PW-1

Date: 11/6/06
Sampler(s): PJS/AJM
Sampling time: 1020

Odor: Petroleum (fuel oil?)
Appearance: Clear

Temperature (°C): 13
Spec. Cond. (µmhos/cm @ 25°C): 275
Conductivity (µmhos): 207
pH (SU): 6.5
D.O. (ppm): NM
Turbidity (NTU): 4
ORP: -76

Description of measuring point: Mark on PVC riser

Total depth: 19 ft
Approx. Depth to water: 13 ft
Water column in well: 6 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.9 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~3

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.1 gpm. Flow too low for accurate DO measurement.
Collected masked duplicate (DUP002) here.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0950							12.74
1005	12.0	278	6.5	NM	-71	1.5	13.65
1010	12.2	279	6.5	NM	-75	2.0	13.60
1015	12.5	279	6.5	NM	-75	2.5	13.56
1020	12.7	275	6.5	NM	-76	3.0	13.52

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, light snow, ~20°s F
Sample ID: PW-2

Date: 11/2/06
Sampler(s): AJM/DWW
Sampling time: 1335

Odor: Hydrogen sulfide
Appearance: Clear

Temperature (°C):	9.8
Spec. Cond. (µmhos/cm @ 25°C):	479
Conductivity (µmhos):	345
pH (SU):	6.6
D.O. (ppm):	1
Turbidity (NTU):	NM
ORP:	139

Description of measuring point: Mark on PVC riser

Total depth:	41	ft
Approx. Depth to water:	37	ft
Water column in well:	3	ft
Volume/foot:	0.16	gal/ft
Well volume:	0.6	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~4.2

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.1 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1253							37.00
1305	9.3	415	6.8	NM	NM	1.2	37.60
1310	9.5	423	6.7	NM	100	1.7	37.58
1315	9.7	436	6.6	NM	131	2.2	37.57
1320	9.5	461	6.6	1	140	2.7	37.56
1325	9.8	465	6.6	1	139	3.2	37.55
1330	9.8	469	6.6	NM	139	3.7	37.54
1335	9.8	479	6.6	1	139	4.2	37.53

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~40°s F
Sample ID: PW-4

Date: 11/6/06
Sampler(s): AJM/PJS
Sampling time: 1420

Odor: Slight petroleum
Appearance: Yellowish with sediment

Temperature (°C): 15
Spec. Cond. (µmhos/cm @ 25°C): 545
Conductivity (µmhos): 443
pH (SU): 6.9
D.O. (ppm): NM
Turbidity (NTU): NM
ORP: -38

Description of measuring point: Mark on PVC riser

Total depth: 18 ft
Approx. Depth to water: 12 ft
Water column in well: 6 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~4.4

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCL	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
2	250 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.1 gpm. Flow too low for accurate DO measurement.
Dead battery caused pump replacement midway through sampling.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1115							12.03
1355	14.5	537	6.9	NM	-26	1.9	13.04
1400	15.0	536	6.9	NM	-27	2.4	13.62
1405	15.7	537	6.9	NM	-30	2.9	13.92
1410	16.0	540	6.9	NM	-34	3.4	14.65
1415	15.7	545	6.9	NM	-37	3.9	14.79
1420	15.3	545	6.9	NM	-38	4.4	14.77

March 2007

North Jackson Company
Field Sampling Report

Project Name: Humboldt Mill

Contact: North Jackson Company
1004 Harbor Hills Drive, Suite 102
Marquette, Michigan 49855
Phone (906) 225-6787

Summary of Sampling Activities

Sampling Date(s):	3/5/07, 3/6/07, 3/7/07, 3/8/07, 3/12/07, 3/13/07, 3/14/07, 3/20/07 and 3/21/07
Activities:	Collected groundwater samples from wells KMW-1, KMW-3, KMW-4, KMW-5, KMW-6A, KMW-7, KMW-9, KMW-9P, KMW-10, MW-5, MW-11, MW-12, MW-101, MW-102, MW-103, MW-601, MW-602, MW-603, MW-604, MW-605, MW-606, P-602, P-604, P-605, PW-1, PW-2 and PW-4.
	Side by side filtered/non-filtered metals samples were collected at KMW-1, MW-12, MW-103 and PW-2 for a method comparison.
	KMW-2 was not sampled because a large volume of snowmelt entered well.
	MW-6, MW-7, MW-9 and MW-104 were not sampled due to insufficient water volume.
	Collected QA/QC samples, including 6 masked duplicates, 6 field (atmospheric) blanks, and 7 trip blanks.
	Installed 2 drive points (TDP001 & TDP002).
	Measured water levels at 34 monitoring wells and 7 staff gauges on 3/28/07.

Field Report Attachments

Field Analytical Data Summary	Yes
Flow Measurement	No
Water Sampling Log	Yes
Chain of Custody Numbers	017863, 017864, 017865, 017866, 017871, 017872, 017873, 017874, 015115

Laboratory Analysis

Pace Analytical: PCBs, PAHs, VOCs, metals (field filtered), ammonia, nitrate/nitrite, sulfide, cyanide, general chemistry

Sampler Name(s): Andrew Maracini (AJM), Kamran Syed (KHS), Richard Eagle (RRE), Dan Wiitala (DWW) and Peter Sabee (PJS)

North Jackson Company
Groundwater Quality Control Sampling Summary

Project Name: Humboldt Mill

Sample ID	Sampling Date	Description
DUP001	3/6/07	Masked duplicate (KMW-9P)
DUP002	3/5/07	Masked duplicate (P-602)
DUP003	3/7/07	Masked duplicate (MW-606)
DUP004	3/8/07	Masked duplicate (PW-1)
DUP005	3/12/07	Masked duplicate (KMW-1)
DUP006	3/13/07	Masked duplicate (MW-11)
FBK001	3/5/07	Field blank
FBK002	3/6/07	Field blank
FBK003	3/7/07	Field blank
FBK004	3/8/07	Field blank
FBK005	3/12/07	Field blank
FBK007	3/13/07	Field blank
Trip Blank	3/5/07	Trip blank - from PACE
Trip Blank	3/6/07	Trip blank - from PACE
Trip Blank	3/7/07	Trip blank - from PACE
Trip Blank	3/8/07	Trip blank - from PACE
Trip Blank	3/12/07	Trip blank - from PACE
Trip Blank	3/13/07	Trip blank - from PACE
Trip Blank	3/14/07	Trip blank - from PACE
KMW-1	3/12/07	Side by side filtered/non-filtered samples for metals
MW-12	3/13/07	Side by side filtered/non-filtered samples for metals
MW-103	3/12/07	Side by side filtered/non-filtered samples for metals
PW-2	3/8/07	Side by side filtered/non-filtered samples for metals

North Jackson Company
Groundwater Field Data Summary

Project Name: Humboldt Mill

Sample ID	Sampling Date	Temp (°C)*	Spec Cond (µmhos/cm @ 25°C)	pH (SU)	DO (ppm)	Turbidity (NTU)	ORP (mV)
KMW-1	3/12/07	9.0	317	6.6	NM	NM	-83
KMW-2	No Sample	NM	NM	NM	NM	NM	NM
KMW-3	3/7/07	8.6	436	6.5	<0.005	NM	-39
KMW-4	3/6/07	9.5	394	6.6	0.005	NM	-29
KMW-5	3/21/07	i	i	i	i	i	i
KMW-6A	3/8/07	9.9	1186	6.5	<0.005	NM	-75
KMW-7	3/6/07	9.5	1497	5.5	<0.005	NM	-3
KMW-9	3/6/07	9.1	417	6.2	0.015	NM	42
KMW-9P	3/6/07	9.3	1664	6.4	<0.005	NM	-68
KMW-10	3/7/07	5.7	226	6.4	<0.005	NM	-37
MW-5	3/13 & 3/14/07	14	1184	6.5	NM	NM	-76
MW-6	No sample	d	d	d	d	d	d
MW-7	No sample	d	d	d	d	d	d
MW-9	No Sample	d	d	d	d	d	d
MW-11	3/13/07	5.8	2352	6.1	NM	NM	-12
MW-12	3/13/07	8.5	309	7.1	<0.05	NM	-103
MW-101	3/5/07	6.7	393	6.6	<0.005	NM	-94
MW-102	3/12 - 3/21/07	i	i	i	i	i	i
MW-103	3/12/07	8.6	505	6.6	<0.05	NM	-82
MW-104	No Sample	d	d	d	d	d	d

North Jackson Company
Groundwater Field Data Summary

Project Name: Humboldt Mill

Sample ID	Sampling Date	Temp (°C)*	Spec Cond (µmhos/cm @ 25°C)	pH (SU)	DO (ppm)	Turbidity (NTU)	ORP (mV)
MW-601	3/12 - 3/21/07	i	i	i	i	i	i
MW-602	3/5/07	8.9	161	7.1	<0.005	NM	-136
MW-603	3/7/07	9.5	114	6.4	0.15	NM	-4
MW-604	3/7/07	2.9	276	6.8	<0.05	NM	-71
MW-605	3/7/07	6.8	219	6.9	0.1	NM	-43
MW-606	3/7/07	9.2	183	6.9	0.2	NM	9
P-602	3/5/07	9.6	154	7.2	<0.005	NM	-182
P-604	3/7/07	6.4	228	6.6	0.1	NM	-18
P-605	3/7/07	8.4	239	7.1	<0.05	NM	-93
PW-1	3/8/07	6.8	294	6.5	NM	NM	-21
PW-2	3/8/07	10	579	6.5	NM	NM	158
PW-4	3/12 - 3/21/07	i	i	i	i	i	i

d Well was dry.
i Insufficient water for sampling and/or collecting field parameters.
NM Not measured.
* All temperature measurements were affected by low-flow methodology and may be slightly warmer or colder than actual conditions.

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
TDP001	Driven Point	3/28/07	5.84
TDP002	Driven Point	3/28/07	5.02
MW-5	Monitoring Well	3/28/07	11.84
MW-6	Monitoring Well	3/28/07	Dry
MW-7	Monitoring Well	3/28/07	Dry
MW-9	Monitoring Well	3/28/07	Dry
MW-11	Monitoring Well	3/28/07	3.64
MW-12	Monitoring Well	3/28/07	4.35
MW-101	Monitoring Well	3/28/07	3.42
MW-102	Monitoring Well	3/28/07	5.92
MW-103	Monitoring Well	3/28/07	8.46
MW-104	Monitoring Well	3/28/07	Dry
MW-601	Monitoring Well	3/28/07	5.48
MW-602	Monitoring Well	3/28/07	20.15
MW-603	Monitoring Well	3/28/07	18.83
MW-604	Monitoring Well	3/28/07	6.40
MW-605	Monitoring Well	3/28/07	6.72
MW-606	Monitoring Well	3/28/07	14.36
P-602	Monitoring Well	3/28/07	20.06
P-604	Monitoring Well	3/28/07	6.76
P-605	Monitoring Well	3/28/07	6.63
PW-1	Monitoring Well	3/28/07	9.22
PW-2	Monitoring Well	3/28/07	39.02
PW-4	Monitoring Well	3/28/07	11.35

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
KMW-1	Monitoring Well	3/28/07	6.46
KMW-2	Monitoring Well	3/28/07	6.66
KMW-3	Monitoring Well	3/28/07	15.58
KMW-4	Monitoring Well	3/28/07	30.50
KMW-5	Monitoring Well	3/28/07	43.02
KMW-6A	Monitoring Well	3/28/07	43.65
KMW-7	Monitoring Well	3/28/07	27.21
KMW-9	Monitoring Well	3/28/07	26.64
KMW-9P	Monitoring Well	3/28/07	26.59
KMW-10	Monitoring Well	3/28/07	7.69
HMS-001	Staff Gauge	3/28/07	1.98
HMS-002	Staff Gauge	3/28/07	1.96
HMS-003	Staff Gauge	3/28/07	1.26
HMS-004	Staff Gauge	3/28/07	1.24
HMS-005	Staff Gauge	3/28/07	1.46
HMS-006	Staff Gauge	3/28/07	2.50
HMS-007	Staff Gauge	3/28/07	1.26

Note: All monitoring well depths measured from top of PVC (at mark, if present). Staff gauges were read directly.

North Jackson Company
Monitoring Well Construction Summary

Project Name: Humboldt Mill

Monitoring Well ID	Installation Date	Total Depth (ft)	Stickup Depth (ft)	Description
TDP001	3/28/07	8.0	2.34	1.25" hand-driven galvanized steel
TDP002	3/28/07	8.0	3.04	1.25" hand-driven galvanized steel

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	3/12/07
Weather:	Cloudy, ~30°s F	**Sampler(s):**	PJS/RRE/KHS
Sample ID:	KMW-1	**Sampling time:**	1125

Odor:	Degraded petrol	Temperature (°C):	9.0
Appearance:	Murky	Spec. Cond. (mmhos/cm @ 25oC):	317
		Conductivity (µmhos):	220
		pH (SU):	6.6
		D.O. (ppm):	NM
		Turbidity (NTU):	NM
		ORP (mV):	-83

Description of measuring point: Mark on PVC riser

Total depth:	15	ft	Well diameter (in):	2	
Approx. Depth to water:	6	ft			
Water column in well:	9	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~3	
Well volume:	1	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
2	500 ml clear glass	None	Hg	1 Filtered / 1 Non-filtered
2	500 ml plastic	HNO3	Metals, hardness	1 Filtered / 1 Non-filtered
2	250 ml plastic	HNO3	Lithium	1 Filtered / 1 Non-filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.1 gpm. Flow too low for accurate DO measurement.
Collected masked duplicate (DUP005) here.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1055							10.98
1100	6.2	310	6.0	NM	-6	0.5	11.74
1105	7.0	309	6.1	NM	-41	1.0	11.76
1110	8.3	311	6.5	NM	-75	1.5	11.70
1115	9.1	313	6.6	NM	-80	2.0	11.76
1120	9.1	316	6.6	NM	-84	2.5	11.74
1125	9.0	317	6.6	NM	-83	3.0	11.73

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	No Sample
Weather:	Overcast, ~30°s F	**Sampler(s):**	PJS/KHS/RRE
Sample ID:	KMW-2	**Sampling time:**	NA

Odor:	NA	Temperature (°C):	NM
Appearance:	NA	Spec. Cond. (µmhos/cm @ 25°C):	NM
		Conductivity (µmhos):	NM
		pH (SU):	NM
		D.O. (ppm):	NM
		Turbidity (NTU):	NM
		ORP (mV):	NM

Description of measuring point: Mark on PVC riser

Total depth:	19	ft	Well diameter (in):	2	
Approx. Depth to water:	7	ft			
Water column in well:	12	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	NA	
Well volume:	2	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Considerable volume of snowmelt seeping into well on 3/12/07.
Well was sealed and should be ready to be sampled at the next event.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~10°s F
Sample ID: KMW-3

Date: 3/7/07
Sampler(s): RRE/AJM/KHS
Sampling time: 1520

Odor: None
Appearance: Clear

Temperature (°C):	8.6
Spec. Cond. (µmhos/cm @ 25°C):	436
Conductivity (µmhos):	299
pH (SU):	6.5
D.O. (ppm):	<0.005
Turbidity (NTU):	NM
ORP (mV):	-39

Description of measuring point: Mark on PVC riser

Total depth:	32	ft
Approx. Depth to water:	16	ft
Water column in well:	16	ft
Volume/foot:	0.16	gal/ft
Well volume:	3	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~17

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.6 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1456							18.80
1500	7.5	432	6.5	NM	-16	3	18.83
1505	8.4	431	6.5	<0.005	-31	6	18.80
1510	8.5	433	6.5	<0.005	-34	10	18.80
1515	8.5	435	6.5	<0.005	-38	13	18.80
1520	8.6	436	6.5	<0.005	-39	17	18.80

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Snow, ~10°s F
Sample ID: KMW-4

Date: 3/6/07
Sampler(s): AJM/KHS
Sampling time: 1525

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C): 9.5
Spec. Cond. (µmhos/cm @ 25°C): 394
Conductivity (µmhos): 277
pH (SU): 6.6
D.O. (ppm): 0.005
Turbidity (NTU): NM
ORP (mV): -29

Description of measuring point: Mark on PVC riser

Total depth: 43 ft
Approx. Depth to water: 31 ft
Water column in well: 13 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~6

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.2 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1455							30.31
1505	8.3	407	6.7	NM	-29	2	30.38
1510	9.4	404	6.7	0.01	-32	3	30.38
1515	10.0	400	6.7	NM	-33	4	30.38
1520	10.0	397	6.6	0.005	-32	5	30.39
1525	9.5	394	6.6	0.005	-29	6	30.39

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather:
Sample ID: KMW-5

Date: 3/21/07
Sampler(s): RRE/KHS
Sampling time: 1400

Odor: None
Appearance: Clear

Temperature (°C): i
Spec. Cond. (µmhos/cm @ 25°C): i
Conductivity (µmhos): i
pH (SU): i
D.O. (ppm): i
Turbidity (NTU): i
ORP (mV): i

Description of measuring point: Mark on PVC riser

Total depth: 53 ft
Approx. Depth to water: 43 ft
Water column in well: 10 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~2

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Purged on 3/12/07 and sampled on 3/21/07.
Insufficient water for collection of field parameters or stabilization record.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~20°s F
Sample ID: KMW-6A

Date: 3/8/07
Sampler(s): AJM/KHS
Sampling time: 1420

Odor: Petroleum
Appearance: Clear

Temperature (°C):	9.9
Spec. Cond. (µmhos/cm @ 25°C):	1186
Conductivity (µmhos):	843
pH (SU):	6.5
D.O. (ppm):	<0.005
Turbidity (NTU):	NM
ORP (mV):	-75

Description of measuring point: Mark on PVC riser

Total depth:	46	ft
Approx. Depth to water:	44	ft
Water column in well:	2	ft
Volume/foot:	0.16	gal/ft
Well volume:	0.4	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~8

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
2	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1355							43.49
1405	9.8	1205	6.5	<0.005	-66	3	43.73
1410	9.9	1201	6.6	NM	-72	5	43.73
1415	9.8	1195	6.5	<0.005	-73	6	43.74
1420	9.9	1186	6.5	<0.005	-75	8	43.74

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	3/6/07
Weather:	Cloudy, ~0-5° F	**Sampler(s):**	RRE/AJM
Sample ID:	KMW-7	**Sampling time:**	1051

		Temperature (°C):	9.5
Odor:	Petroleum	Spec. Cond. (µmhos/cm @ 25°C):	1497
Appearance:	Clear	Conductivity (µmhos):	1053
		pH (SU):	5.5
		D.O. (ppm):	<0.005
		Turbidity (NTU):	NM
		ORP (mV):	-3

Description of measuring point: Mark on PVC riser

Total depth:	30	ft	Well diameter (in):	2	
Approx. Depth to water:	27	ft			
Water column in well:	3	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~11	
Well volume:	0.5	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1015							27.03
1021	9.3	1499	5.6	NM	-7	2	27.15
1026	9.4	1498	5.6	<0.005	16	3	27.14
1031	9.4	1500	5.6	<0.005	12	5	27.13
1036	9.4	1500	5.6	<0.005	7	6	27.13
1041	9.5	1496	5.6	<0.005	3	8	27.13
1046	9.5	1497	5.5	NM	0	9	27.13
1051	9.5	1497	5.5	<0.005	-3	11	27.13

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	3/6/07
Weather:	Cloudy, ~0 to -5° F	**Sampler(s):**	AJM/KHS
Sample ID:	KMW-9	**Sampling time:**	1340

Odor:	None	Temperature (°C):	9.1
Appearance:	Clear	Spec. Cond. (µmhos/cm @ 25°C):	417
		Conductivity (µmhos):	290
		pH (SU):	6.2
		D.O. (ppm):	0.015
		Turbidity (NTU):	NM
		ORP (mV):	42

Description of measuring point: Mark on PVC riser

Total depth:	32	ft	Well diameter (in):	2	
Approx. Depth to water:	27	ft			
Water column in well:	5	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~6	
Well volume:	0.9	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.2 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1312							26.67
1320	9.2	420	6.3	0.025	38	2	26.79
1325	9.3	413	6.2	0.025	44	3	26.80
1330	9.2	413	6.1	NM	45	4	26.81
1335	9.1	415	6.2	NM	43	5	26.82
1340	9.1	417	6.2	0.015	42	6	26.83

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	3/6/07
Weather:	Cloudy, ~0 to -5° F	**Sampler(s):**	AJM/KHS
Sample ID:	KMW-9P	**Sampling time:**	1230

Odor:	Slight hydrogen sulfide	Temperature (°C):	9.3
Appearance:	Clear	Spec. Cond. (µmhos/cm @ 25°C):	1664
		Conductivity (µmhos):	1169
		pH (SU):	6.4
		D.O. (ppm):	<0.005
		Turbidity (NTU):	NM
		ORP (mV):	-68

Description of measuring point: Mark on PVC riser

Total depth:	57	ft	Well diameter (in):	2	
Approx. Depth to water:	27	ft			
Water column in well:	30	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~4.5	
Well volume:	5	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.1 gpm.
Masked duplicate (DUP001) collected here.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1145							26.58
1200	7.6	1599	6.8	NM	-84	1.5	26.65
1205	9.1	1620	6.5	<0.005	-73	2.0	26.60
1210	9.4	1637	6.5	NM	-67	2.5	26.55
1215	9.4	1652	6.5	<0.005	-67	3.0	26.55
1220	8.9	1663	6.4	NM	-69	3.5	26.55
1225	9.1	1664	6.4	NM	-69	4.0	26.65
1230	9.3	1664	6.4	<0.005	-68	4.5	26.65

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, calm, ~10°s F
Sample ID: KMW-10

Date: 3/7/07
Sampler(s): AJM/KHS
Sampling time: 1355

Odor: Hydrogen sulfide
Appearance: Clear

Temperature (°C):	5.7
Spec. Cond. (µmhos/cm @ 25°C):	226
Conductivity (µmhos):	142
pH (SU):	6.4
D.O. (ppm):	<0.005
Turbidity (NTU):	NM
ORP (mV):	-37

Description of measuring point: Mark on PVC riser

Total depth:	15	ft
Approx. Depth to water:	8	ft
Water column in well:	7	ft
Volume/foot:	0.16	gal/ft
Well volume:	1	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~13

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.5 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1330							8.52
1335	4.5	226	6.5	<0.005	-35	3	8.52
1340	4.6	226	6.2	NM	-28	5	8.52
1345	5.5	227	6.4	<0.005	-36	8	8.52
1350	5.6	227	6.4	NM	-38	10	8.52
1355	5.7	226	6.4	<0.005	-37	13	8.52

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~40°s F (3/13/07)
Sample ID: MW-5

Date: 3/13 & 3/14/07
Sampler(s): AJM/RRE
Sampling time: See below

Odor: Fuel oil
Appearance: Brackish

Temperature (°C): 14
Spec. Cond. (µmhos/cm @ 25°C): 1184
Conductivity (µmhos): 928
pH (SU): 6.5
D.O. (ppm): NM
Turbidity (NTU): NM
ORP (mV): -76

Description of measuring point: Mark on PVC riser

Total depth: 17 ft
Approx. Depth to water: 12 ft
Water column in well: 5 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.8 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~2

Evacuation method: Dedicated submersible pump

Date/Time	# Collected	Bottle	Preservative	Parameter	
3/13/07 (1340)	3	1 L amber glass	None	PCB/PAH	
3/13/07 (1340)	3	40 ml vial	HCl	VOC	
3/14/07 (1230)	1	500 ml clear glass	None	Hg	Filtered
3/14/07 (1230)	1	500 ml plastic	HNO3	Metals, hardness	Filtered
3/14/07 (1230)	1	250 ml plastic	HNO3	Lithium	Filtered
3/13/07 (1340)	1	250 ml plastic	H2SO4	Ammonia	
3/13/07 (1340)	1	500 ml plastic	None	General/Nitrate, Nitrite	
3/13/07 (1340)	1	250 ml plastic	NaOH, ZnAC	Sulfide	
3/13/07 (1340)	1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.05 gpm. Stabilization record for 3/13/07.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1300							11.63
1315	11.1	1184	6.6	NM	-73	0.8	12.31
1320	12.4	1182	6.5	NM	-76	1.0	12.32
1325	13.1	1181	6.6	NM	-75	1.3	12.33
1330	13.4	1182	6.6	NM	-76	1.5	12.36
1335	13.5	1180	6.6	NM	-77	1.8	12.39
1340	14.2	1184	6.5	NM	-76	2.0	12.42

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	No sample
Weather:	Snow, ~0-5° F	**Sampler(s):**	AJM/RRE
Sample ID:	MW-6	**Sampling time:**	NA

Odor:	NA	Temperature (°C):	d
Appearance:	NA	Spec. Cond. (µmhos/cm @ 25°C):	d
		Conductivity (µmhos):	d
		pH (SU):	d
		D.O. (ppm):	d
		Turbidity (NTU):	d
		ORP (mV):	d

Description of measuring point: Mark on PVC riser

Total depth:	24	ft	Well diameter (in):	2	
Approx. Depth to water:	Dry	ft			
Water column in well:	0	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	NA	
Well volume:	0	gal			

Evacuation method: NA

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
0	40 ml vial	HCl	VOC	
0	500 ml clear glass	None	Hg	Filtered
0	500 ml plastic	HNO3	Metals, hardness	Filtered
0	250 ml plastic	HNO3	Lithium	Filtered
0	250 ml plastic	H2SO4	Ammonia	
0	500 ml plastic	None	General/Nitrate, Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	
0	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Well was dry on 3/6/07. No sample or field parameters were collected.

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	No sample
Weather:	Snow, ~0-5° F	**Sampler(s):**	AJM/RRE
Sample ID:	MW-7	**Sampling time:**	NA

Odor:	NA	Temperature (°C):	d
Appearance:	NA	Spec. Cond. (µmhos/cm @ 25°C):	d
		Conductivity (µmhos):	d
		pH (SU):	d
		D.O. (ppm):	d
		Turbidity (NTU):	d
		ORP (mV):	d

Description of measuring point: Mark on PVC riser

Total depth:	27	ft	Well diameter (in):	2	
Approx. Depth to water:	Dry	ft			
Water column in well:	0	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	NA	
Well volume:	0.0	gal			

Evacuation method: NA

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
0	40 ml vial	HCl	VOC	
0	500 ml clear glass	None	Hg	Filtered
0	500 ml plastic	HNO3	Metals, hardness	Filtered
0	250 ml plastic	HNO3	Lithium	Filtered
0	250 ml plastic	H2SO4	Ammonia	
0	500 ml plastic	None	General/Nitrate, Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	
0	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Well was dry on 3/6/07. No sample or field parameters were collected.

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	No Sample
Weather:	Overcast, light breeze, ~30°s F	**Sampler(s):**	PJS/KHS
Sample ID:	MW-9	**Sampling time:**	NA

Odor:	NA	Temperature (°C):	d
Appearance:	NA	Spec. Cond. (µmhos/cm @ 25°C):	d
		Conductivity (µmhos):	d
		pH (SU):	d
		D.O. (ppm):	d
		Turbidity (NTU):	d
		ORP (mV):	d

Description of measuring point: Mark on PVC riser

Total depth:	29	ft	Well diameter (in):	2	
Approx. Depth to water:	Dry	ft			
Water column in well:	0	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	NA	
Well volume:	0.0	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Well was dry on 3/12/07. No sample or field parameters were collected.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~40°s F
Sample ID: MW-11

Date: 3/13/07
Sampler(s): AJM/RRE
Sampling time: 1025

Odor: Hydrogen sulfide
Appearance: Oily sheen/yellow tint, clear

Temperature (°C):	5.8
Spec. Cond. (µmhos/cm @ 25°C):	2352
Conductivity (µmhos):	1489
pH (SU):	6.1
D.O. (ppm):	NM
Turbidity (NTU):	NM
ORP (mV):	-12

Description of measuring point: Mark on PVC riser

Total depth:	12	ft
Approx. Depth to water:	4	ft
Water column in well:	8	ft
Volume/foot:	0.16	gal/ft
Well volume:	1	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~3.7

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.1 gpm. Flow too low for accurate DO measurement.
Masked duplicate (DUP006) collected.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0948							5.1
1000	5.5	2445	6.2	NM	3	1.2	8.14
1005	5.4	2414	6.2	NM	1	1.7	8.16
1010	5.4	2391	6.1	NM	-2	2.2	8.04
1015	5.5	2366	6.1	NM	-7	2.7	8.31
1020	5.3	2356	6.1	NM	-9	3.2	8.12
1025	5.8	2352	6.1	NM	-12	3.7	8.36

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~40°s F
Sample ID: MW-12

Date: 3/13/07
Sampler(s): AJM/RRE
Sampling time: 1105

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C):	8.5
Spec. Cond. (µmhos/cm @ 25°C):	309
Conductivity (µmhos):	211
pH (SU):	7.1
D.O. (ppm):	<0.05
Turbidity (NTU):	NM
ORP (mV):	-103

Description of measuring point: Mark on PVC riser

Total depth:	15	ft
Approx. Depth to water:	4	ft
Water column in well:	11	ft
Volume/foot:	0.16	gal/ft
Well volume:	2	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~9

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
2	500 ml clear glass	None	Hg	1 Filtered / 1 Non-filtered
2	500 ml plastic	HNO3	Metals, hardness	1 Filtered / 1 Non-filtered
2	250 ml plastic	HNO3	Lithium	1 Filtered / 1 Non-filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1035							5.78
1045	8.2	309	7.1	<0.05	-97	3	7.27
1050	8.3	310	7.1	<0.05	-94	5	7.26
1055	8.4	310	7.1	<0.05	-97	6	7.20
1100	8.3	310	7.1	<0.05	-100	8	7.21
1105	8.5	309	7.1	<0.05	-103	9	7.21

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, windy, ~0-5° F
Sample ID: MW-101

Date: 3/5/07
Sampler(s): AJM/RRE
Sampling time: 1430

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C):	6.7
Spec. Cond. (µmhos/cm @ 25°C):	393
Conductivity (µmhos):	256
pH (SU):	6.6
D.O. (ppm):	<0.005
Turbidity (NTU):	NM
ORP (mV):	-94

Description of measuring point: Mark on PVC riser

Total depth:	21	ft
Approx. Depth to water:	3	ft
Water column in well:	18	ft
Volume/foot:	0.16	gal/ft
Well volume:	3	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~10

Evacuation method: Dedicated submersible pump and tubing

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate~0.4 gpm.
Pump stopped at 1403, restarted at 1410.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1350							NM
1355	6.5	374	6.5	NM	-46	2	8.69
1410	6.8	394	6.7	NM	-90	0	8.79
1415	6.8	393	6.7	<0.005	-92	4	8.80
1420	7.0	393	6.7	NM	-94	6	8.80
1425	7.0	393	6.7	<0.005	-94	8	8.79
1430	6.7	393	6.6	<0.005	-94	10	8.77

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, ~30°s F (3/12/07)
Sample ID: MW-102

Date: 3/12 - 3/21/07
Sampler(s): AJM/RRE/PJS
Sampling time: See below

Odor: NM
Appearance: Amber

Temperature (°C): i
Spec. Cond. (µmhos/cm @ 25°C): i
Conductivity (µmhos): i
pH (SU): i
D.O. (ppm): i
Turbidity (NTU): i
ORP (mV): i

Description of measuring point: Mark on PVC riser

Total depth: 9 ft
Approx. Depth to water: 6 ft
Water column in well: 3 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.5 gal

Well diameter (in): 2

Gallons purged prior to sampling: NA

Evacuation method: Dedicated submersible pump

Date/Time	# Collected	Bottle	Preservative	Parameter	
3/20/07 (1030) & 3/21/07 (1435)	2	1 L amber glass	None	PAH (not PCBs)	
3/13/07 (1405)	3	40 ml vial	HCl	VOC	
3/14/07 (1130)	1	500 ml clear glass	None	Hg	Filtered
3/14/07 (1130)	1	500 ml plastic	HNO3	Metals, hardness	Filtered
3/14/07 (1130)	1	250 ml plastic	HNO3	Lithium	Filtered
3/12/07 (1500)	1	250 ml plastic	H2SO4	Ammonia	
3/12/07 (1500)	1	500 ml plastic	None	General/Nitrate, Nitrite	
3/12/07 (1500)	1	250 ml plastic	NaOH, ZnAC	Sulfide	
3/12/07 (1500)	1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Insufficient water for collection of field parameters.
Purged on 3/12/07 and bottles collected on dates/times shown above.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, ~30°s F
Sample ID: MW-103

Date: 3/12/07
Sampler(s): RRE/PJS/KHS
Sampling time: 1525

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C): 8.6
Spec. Cond. (µmhos/cm @ 25°C): 505
Conductivity (µmhos): 347
pH (SU): 6.6
D.O. (ppm): <0.05
Turbidity (NTU): NM
ORP (mV): -82

Description of measuring point: Mark on PVC riser

Total depth: 22 ft
Approx. Depth to water: 8 ft
Water column in well: 14 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~18

Evacuation method: Dedicated submersible pump and tubing

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
2	500 ml clear glass	None	Hg	1 Filtered / 1 Non-filtered
2	500 ml plastic	HNO3	Metals, hardness	1 Filtered / 1 Non-filtered
2	250 ml plastic	HNO3	Lithium	1 Filtered / 1 Non-filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.7 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1500							9.80
1505	8.7	515	6.6	NM	-45	4	10.13
1510	8.6	510	6.6	<0.05	-66	7	10.09
1515	8.5	508	6.6	<0.05	-74	11	10.15
1520	8.6	508	6.6	<0.05	-78	14	10.19
1525	8.6	505	6.6	<0.05	-82	18	10.12

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Overcast, light breeze, ~30°s F
Sample ID: MW-104

Date: No Sample
Sampler(s): RRE/PJS/KHS
Sampling time: NA

Odor: NA
Appearance: NA

Temperature (°C): d
Spec. Cond. (µmhos/cm @ 25°C): d
Conductivity (µmhos): d
pH (SU): d
D.O. (ppm): d
Turbidity (NTU): d
ORP (mV): d

Description of measuring point: Mark on PVC riser

Total depth: 12 ft
Approx. Depth to water: Dry ft
Water column in well: 0 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.0 gal

Well diameter (in): 2

Gallons purged prior to sampling: NA

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Dry was on 3/12/07. No sample or field parameters collected.

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	3/12 - 3/21/07
Weather:	Overcast, ~30°s F (on 3/12/07)	**Sampler(s):**	PJS/KHS/RRE
Sample ID:	MW-601	**Sampling time:**	See below

Odor:	None	Temperature (°C):	i
Appearance:	Oil sheen	Spec. Cond. (µmhos/cm @ 25°C):	i
		Conductivity (µmhos):	i
		pH (SU):	i
		D.O. (ppm):	i
		Turbidity (NTU):	i
		ORP (mV):	i

Description of measuring point: Mark on PVC riser

Total depth:	14	ft	Well diameter (in):	2	
Approx. Depth to water:	5	ft			
Water column in well:	9	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~1.4	
Well volume:	1	gal			

Evacuation method:

Date/Time	# Collected	Bottle	Preservative	Parameter	
3/14/07 (1110)	3	1 L amber glass	None	PCB/PAH	
3/21/07 (1445)	3	40 ml vial	HCl	VOC	
3/21/07 (1445)	1	500 ml clear glass	None	Hg	Filtered
3/14/07 (1110)	1	500 ml plastic	HNO3	Metals, hardness	Filtered
3/14/07 (1110)	1	250 ml plastic	HNO3	Lithium	Filtered
3/14/07 (1110)	1	250 ml plastic	H2SO4	Ammonia	
3/14/07 (1110)	1	500 ml plastic	None	General/Nitrate, Nitrite	
3/14/07 (1110)	1	250 ml plastic	NaOH, ZnAC	Sulfide	
3/14/07 (1110)	1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Purged on 3/12/07 and sampled on dates/times shown above.
Insufficient water for collection of field parameters or stabilization record.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, windy, ~0-5° F
Sample ID: MW-602

Date: 3/5/07
Sampler(s): AJM/RRE
Sampling time: 1250

Odor: Hydrogen sulfide
Appearance: Clear

Temperature (°C):	8.9
Spec. Cond. (µmhos/cm @ 25°C):	161
Conductivity (µmhos):	112
pH (SU):	7.1
D.O. (ppm):	<0.005
Turbidity (NTU):	NM
ORP (mV):	-136

Description of measuring point: Mark on PVC riser

Total depth:	21	ft
Approx. Depth to water:	20	ft
Water column in well:	1	ft
Volume/foot:	0.16	gal/ft
Well volume:	0.1	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~9

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1220							NM
1225	8.5	159	6.7	NM	-52	2	20.37
1230	8.9	160	7.0	<0.005	-107	3	20.37
1235	8.8	161	7.0	NM	-119	5	20.37
1240	8.9	161	7.0	NM	-126	6	20.37
1245	8.8	161	7.1	<0.005	-132	8	20.38
1250	8.9	161	7.1	<0.005	-136	9	20.37

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~10°s F
Sample ID: MW-603

Date: 3/7/07
Sampler(s): AJM/KHS
Sampling time: 1240

Odor: None
Appearance: Clear

Temperature (°C): 9.5
Spec. Cond. (µmhos/cm @ 25°C): 114
Conductivity (µmhos): 80
pH (SU): 6.4
D.O. (ppm): 0.2
Turbidity (NTU): NM
ORP (mV): -4

Description of measuring point: Mark on PVC riser

Total depth: 24 ft
Approx. Depth to water: 19
Water column in well: 5 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.8 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~11

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1202							19.02
1210	8.7	108	6.9	0.5	-31	2	19.32
1215	9.2	108	6.7	NM	-12	4	19.35
1220	9.2	111	6.6	0.2	-6	5	19.34
1225	9.2	113	6.5	NM	-4	7	19.33
1230	9.1	113	6.3	0.2	1	8	19.31
1235	9.4	114	6.5	NM	-5	10	19.31
1240	9.5	114	6.4	0.2	-4	11	19.34

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	3/7/07
Weather:	Partly cloudy, ~0-10° F	**Sampler(s):**	RRE/AJM/KHS
Sample ID:	MW-604	**Sampling time:**	1350

Odor:	Iron	Temperature (°C):	2.9
Appearance:	Clear	Spec. Cond. (µmhos/cm @ 25°C):	276
		Conductivity (µmhos):	160
		pH (SU):	6.8
		D.O. (ppm):	<0.05
		Turbidity (NTU):	NM
		ORP (mV):	-71

Description of measuring point: Mark on PVC riser

Total depth:	14	ft	Well diameter (in):	2	
Approx. Depth to water:	6	ft			
Water column in well:	8	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~22	
Well volume:	1	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.8 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1322							7.23
1330	2.8	275	6.8	NM	-45	6	7.24
1335	2.9	276	6.8	<0.05	-61	10	7.24
1340	2.9	276	6.8	<0.05	-66	14	7.23
1345	2.9	276	6.8	<0.05	-69	18	7.23
1350	2.9	276	6.8	<0.05	-71	22	7.23

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~0-10° F
Sample ID: MW-605

Date: 3/7/07
Sampler(s): RRE/AJM/KHS
Sampling time: 1145

Odor: None
Appearance: Light brown

Temperature (°C): 6.8
Spec. Cond. (µmhos/cm @ 25°C): 219
Conductivity (µmhos): 143
pH (SU): 6.9
D.O. (ppm): 0.1
Turbidity (NTU): NM
ORP (mV): -43

Description of measuring point: Mark on PVC riser

Total depth: 14 ft
Approx. Depth to water: 7 ft
Water column in well: 7 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~9

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1115							8.14
1120	6.6	225	6.9	NM	-37	2	8.22
1125	6.7	223	6.9	0.1	-34	3	8.21
1130	6.6	222	6.9	0.1	-31	5	8.19
1135	7.1	220	6.9	0.1	-31	6	8.21
1140	6.7	219	6.9	NM	-37	8	8.24
1145	6.8	219	6.9	0.1	-43	9	8.24

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	3/7/07
Weather:	Partly cloudy, ~0-10° F	**Sampler(s):**	AJM/KHS
Sample ID:	MW-606	**Sampling time:**	1105

		Temperature (°C):	9.2
Odor:	None	Spec. Cond. (µmhos/cm @ 25°C):	183
Appearance:	Clear	Conductivity (µmhos):	127
		pH (SU):	6.9
		D.O. (ppm):	0.2
		Turbidity (NTU):	NM
		ORP (mV):	9

Description of measuring point: Mark on PVC riser

Total depth:	16	ft	Well diameter (in):	2	
Approx. Depth to water:	14	ft			
Water column in well:	2	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~3.5	
Well volume:	0.3	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.1 gpm.

Collected masked duplicate (DUP-003).

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1020							NM
1035	7.8	188	7.5	0.3	92	1.5	14.86
1040	9.9	180	7.0	0.3	67	2.0	14.96
1045	9.6	181	7.0	NM	32	2.5	14.96
1050	9.8	181	7.0	0.2	16	3.0	15.02
1055	9.2	183	6.9	0.2	9	3.5	15.01

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	3/5/07
Weather:	Partly cloudy, windy, ~0-10° F	**Sampler(s):**	AJM/RRE
Sample ID:	P-602	**Sampling time:**	1155

Odor:	Hydrogen sulfide	Temperature (°C):	9.6
Appearance:	Clear	Spec. Cond. (µmhos/cm @ 25°C):	154
		Conductivity (µmhos):	109
		pH (SU):	7.2
		D.O. (ppm):	<0.005
		Turbidity (NTU):	NM
		ORP (mV):	-182

Description of measuring point: Mark on PVC riser

Total depth:	46	ft	Well diameter (in):	2	
Approx. Depth to water:	20	ft			
Water column in well:	26	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~14	
Well volume:	4	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.3 gpm.
Collected masked duplicate (DUP-002).

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1110							20.47
1115	9.2	128	7.1	<0.005	-82	2	20.55
1120	9.5	132	6.8	NM	-119	3	20.61
1125	9.5	136	6.9	<0.005	-139	5	20.63
1130	9.6	140	7.0	NM	-153	6	20.64
1135	9.6	144	7.1	NM	-164	8	20.65
1140	9.6	147	7.2	<0.005	-172	9	20.65
1145	9.5	150	7.2	NM	-170	11	20.66
1150	9.6	153	7.2	NM	-179	12	20.66
1155	9.6	154	7.2	<0.005	-182	14	20.67

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, windy, ~0-10° F
Sample ID: P-604

Date: 3/7/07
Sampler(s): RRE/AJM/KHS
Sampling time: 1300

Odor: None
Appearance: Clear

Temperature (°C): 6
Spec. Cond. (µmhos/cm @ 25°C): 228
Conductivity (µmhos): 147
pH (SU): 6.6
D.O. (ppm): 0.1
Turbidity (NTU): NM
ORP (mV): -18

Description of measuring point: Mark on PVC riser

Total depth: 28 ft
Approx. Depth to water: 7 ft
Water column in well: 21 ft
Volume/foot: 0.16 gal/ft
Well volume: 3 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~7

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.3 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1238							8.40
1240	6.1	231	6.7	NM	-22	1	12.41
1245	6.3	230	6.6	0.2	-21	2	12.39
1250	6.4	229	6.6	0.2	-19	4	12.38
1255	6.4	228	6.6	0.1	-18	5	12.36
1300	6.4	228	6.6	0.1	-18	7	12.35

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, windy, ~0-10° F
Sample ID: P-605

Date: 3/7/07
Sampler(s): RRE/AJM
Sampling time: 1045

Odor: Iron
Appearance: Clear

Temperature (°C):	8.4
Spec. Cond. (µmhos/cm @ 25°C):	239
Conductivity (µmhos):	164
pH (SU):	7.1
D.O. (ppm):	<0.05
Turbidity (NTU):	NM
ORP (mV):	-93

Description of measuring point: Mark on PVC riser

Total depth:	35	ft
Approx. Depth to water:	7	ft
Water column in well:	28	ft
Volume/foot:	0.16	gal/ft
Well volume:	5	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~38

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.8 gpm.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0957							8.05
1005	8.5	243	7.2	NM	50	6	8.05
1010	8.4	243	7.1	<0.05	9	10	8.05
1015	8.4	242	7.1	NM	-57	14	8.05
1020	8.4	241	7.1	<0.05	-64	18	8.05
1025	8.4	241	7.1	<0.05	-72	22	8.05
1030	8.4	240	7.1	<0.05	-81	26	8.05
1035	8.4	240	7.1	<0.05	-84	30	8.05
1040	8.4	240	7.1	NM	-90	34	8.05
1045	8.4	239	7.1	<0.05	-93	38	8.05

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Clear, mild, ~10-20° F
Sample ID: PW-1

Date: 3/8/07
Sampler(s): AJM/KHS/RRE
Sampling time: 1145

Odor: Hydrogen sulfide
Appearance: Clear

Temperature (°C):	6.8
Spec. Cond. (µmhos/cm @ 25°C):	294
Conductivity (µmhos):	207
pH (SU):	6.5
D.O. (ppm):	NM
Turbidity (NTU):	NM
ORP (mV):	-21

Description of measuring point: Mark on PVC riser

Total depth:	19	ft
Approx. Depth to water:	9	ft
Water column in well:	9	ft
Volume/foot:	0.16	gal/ft
Well volume:	2	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~5.5

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
3	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
1	500 ml clear glass	None	Hg	Filtered
1	500 ml plastic	HNO3	Metals, hardness	Filtered
1	250 ml plastic	HNO3	Lithium	Filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.05 gpm. Flow too low for accurate DO measurement.
Collected masked duplicate (DUP-004).

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0955							14.63
1105	5.7	230	6.5	NM	-72	3.5	15.44
1115	6.6	295	6.5	NM	-27	4.0	15.53
1125	7.0	296	6.5	NM	-22	4.5	15.53
1135	6.5	296	6.5	NM	-23	5.0	15.49
1145	6.8	294	6.5	NM	-21	5.5	15.43

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	3/8/07
Weather:	Partly cloudy, ~10-20° F	**Sampler(s):**	AJM/KHS
Sample ID:	PW-2	**Sampling time:**	1300

Odor:	None	Temperature (°C):	10
Appearance:	High sediment, slightly cloudy	Spec. Cond. (µmhos/cm @ 25°C):	579
		Conductivity (µmhos):	417
		pH (SU):	6.5
		D.O. (ppm):	NM
		Turbidity (NTU):	NM
		ORP (mV):	158

Description of measuring point: Mark on PVC riser

Total depth:	41	ft	Well diameter (in):	2	
Approx. Depth to water:	39	ft			
Water column in well:	1	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~3	
Well volume:	0.2	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	
0	1 L amber glass	None	PCB/PAH	
3	40 ml vial	HCl	VOC	
2	500 ml clear glass	None	Hg	1 Filtered / 1 Non-filtered
2	500 ml plastic	HNO3	Metals, hardness	1 Filtered / 1 Non-filtered
2	250 ml plastic	HNO3	Lithium	1 Filtered / 1 Non-filtered
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	General/Nitrate, Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	
1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.05 gpm. Initial depth to water 39.05'; final 38.99'. Insufficient water to record water levels during stabilization (not enough clearance). Flow too low for reliable DO measurement.

Stabilization Record:

Time	Temp (°C)	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1145							NM
1150	5.8	279	7.1	NM	218	0.3	NM
1155	4.9	547	6.6	NM	228	0.5	NM
1200	4.7	554	6.4	NM	219	0.8	NM
1205	4.3	558	6.4	NM	209	1.0	NM
1210	3.9	562	6.3	NM	203	1.3	NM
1215	Reset pump - started again at 1225						
1235	7.3	564	6.6	NM	178	1.8	NM
1240	7.1	565	6.5	NM	180	2.0	NM
1245	7.1	568	6.5	NM	182	2.3	NM
1250	10.9	573	6.4	NM	164	2.5	NM
1255	10.8	576	6.5	NM	168	2.8	NM
1300	10.3	579	6.5	NM	158	3.0	NM

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Overcast, breezy, ~40°s F (3/12/07)
Sample ID: PW-4

Date: 3/12 - 3/21/07
Sampler(s): PJS/KHS/AJM
Sampling time: See below

Odor: Slight petroleum
Appearance: Black sed./particulates, possibly manganese

Temperature (°C): i
Spec. Cond. (µmhos/cm @ 25°C): i
Conductivity (µmhos): i
pH (SU): i
D.O. (ppm): i
Turbidity (NTU): i
ORP (mV): i

Description of measuring point: Mark on PVC riser

Total depth: 18 ft
Approx. Depth to water: 11 ft
Water column in well: 7 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~1.1

Evacuation method: Dedicated submersible pump

Date/Time	# Collected	Bottle	Preservative	Parameter	
3/12/07 (1530) & 3/14/07 (1200)	3	1 L amber glass	None	PCB/PAH	
3/14/07 (1200)	3	40 ml vial	HCl	VOC	
3/20/07 (1045)	1	500 ml clear glass	None	Hg	Filtered
3/20/07 (1045)	1	500 ml plastic	HNO3	Metals, hardness	Filtered
3/20/07 (1045)	1	250 ml plastic	HNO3	Lithium	Filtered
3/13/07 (1315)	1	250 ml plastic	H2SO4	Ammonia	
3/21/07 (1425)	1	500 ml plastic	None	General/Nitrate, Nitrite	
3/13/07 (1315)	1	250 ml plastic	NaOH, ZnAC	Sulfide	
3/13/07 (1315)	1	250 ml plastic	NaOH	Cyanide	

Photographs: None

Remarks: Well condition excellent. Purged on 3/12/07 and sampled on dates/times shown above.
Insufficient water for collection of field parameters or stabilization record.

May 2007
(Groundwater Elevations Only)

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
DP001	Driven Point	5/9/07	6.51
DP002	Driven Point	5/9/07	3.12
MW-5	Monitoring Well	5/9/07	8.15
MW-6	Monitoring Well	5/9/07	Dry
MW-7	Monitoring Well	5/9/07	23.17
MW-9	Monitoring Well	5/10/07	23.40
MW-11	Monitoring Well	5/9/07	6.09
MW-12	Monitoring Well	5/9/07	3.51
MW-101	Monitoring Well	5/9/07	4.08
MW-102	Monitoring Well	5/9/07	6.31
MW-103	Monitoring Well	5/9/07	8.26
MW-104	Monitoring Well	5/9/07	7.46
MW-601	Monitoring Well	5/9/07	3.90
MW-602	Monitoring Well	5/9/07	16.90
MW-603	Monitoring Well	5/9/07	17.58
MW-604	Monitoring Well	5/9/07	6.04
MW-605	Monitoring Well	5/9/07	6.21
MW-606	Monitoring Well	5/9/07	13.06
P-602	Monitoring Well	5/9/07	16.85
P-604	Monitoring Well	5/9/07	6.39
P-605	Monitoring Well	5/9/07	6.11
PW-1	Monitoring Well	5/9/07	9.26
PW-2	Monitoring Well	5/9/07	37.34
PW-4	Monitoring Well	5/10/07	7.93

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
KMW-1	Monitoring Well	5/9/07	4.57
KMW-2	Monitoring Well	5/9/07	5.47
KMW-3	Monitoring Well	5/9/07	13.48
KMW-4	Monitoring Well	5/9/07	28.45
KMW-5	Monitoring Well	5/9/07	40.69
KMW-6A	Monitoring Well	5/9/07	42.30
KMW-7	Monitoring Well	5/9/07	25.72
KMW-9	Monitoring Well	5/9/07	25.53
KMW-9P	Monitoring Well	5/9/07	25.41
KMW-10	Monitoring Well	5/9/07	7.36
HMS-001	Staff Gauge	NM	NM
HMS-002	Staff Gauge	5/9/07	1.25
HMS-003	Staff Gauge	5/9/07	2.40
HMS-004	Staff Gauge	5/9/07	2.46
HMS-005	Staff Gauge	5/9/07	1.77
HMS-006	Staff Gauge	5/9/07	2.45
HMS-007	Staff Gauge	NM	NM

Note: All monitoring well depths measured from top of PVC (at mark, if present). Staff gauges were read directly.

June 2007

North Jackson Company
Field Sampling Report

Project Name: Humboldt Mill

Contact: North Jackson Company
1004 Harbor Hills Drive, Suite 102
Marquette, Michigan 49855
Phone (906) 225-6787

Summary of Sampling Activities

Sampling Date(s): 6/6/07, 6/7/07, 6/11/07, 6/12/07, 6/18/07, 6/19/07 and 6/20/07

Activities: Collected groundwater samples from wells HYG-1, HW-1, HW-1A, HW-2, HW-3, HW-4, HW-5, HW-5A, HW-6, HW-6A, KMW-1, KMW-2, KMW-3, KMW-4, KMW-5, KMW-6A, KMW-7, KMW-9, KMW-9P, KMW-10, MW-5, MW-7, MW-9, MW-11, MW-12, MW-101, MW-102, MW-103, MW-104, MW-601, MW-604, P-604, PW-1, PW-2 and PW-4.

MW-6 was not sampled because the well was dry.

Collected QA/QC samples, including 7 masked duplicates, 7 field (atmospheric) blanks, and 3 trip blanks.

Measured water levels at 45 monitoring wells and 12 staff gauges on 6/5/07.

Field Report Attachments

Field Analytical Data Summary	Yes
Flow Measurement	No
Water Sampling Log	35
Quality Control Summary	Yes
Chain of Custody Numbers	022041, 022044, 021994, 021995, 061807, 024738, 021996

Laboratory Analysis

Pace Analytical: PAH, VOC, metals, ammonia, nitrate/nitrite, sulfide, cyanide, general chemistry

Sampler Name(s): Andrew Maracini (AJM), Richard Eagle (RRE) and Peter Sabee (PJS)

North Jackson Company
Groundwater Quality Control Sampling Summary

Project Name: Humboldt Mill

Sample ID	Sampling Date	Description
DUP001	6/6/07	Masked duplicate (KMW-3)
DUP002	6/7/07	Masked duplicate (KMW-6A)
DUP003	6/11/07	Masked duplicate (MW-604)
DUP004	6/12/07	Masked duplicate (MW-101)
DUP005	6/18/07	Masked duplicate (HW-6)
DUP006	6/19/07	Masked duplicate (MW-5)
DUP007	6/20/07	Masked duplicate (KMW-5)
FBK001	6/6/07	Field blank
FBK002	6/7/07	Field blank
FBK003	6/11/07	Field blank
FBK004	6/12/07	Field blank
FBK005	6/18/07	Field blank
FBK006	6/19/07	Field blank
FBK007	6/20/07	Field blank
Trip Blank 2	6/18/07	Trip blank - from PACE
Trip Blank 3	6/19/07	Trip blank - from PACE
Trip Blank 3	6/19/07	Trip blank - from PACE

North Jackson Company
Groundwater Field Data Summary

Project Name: Humboldt Mill

Sample ID	Sampling Date	Temp (°C)*	Spec Cond (mmhos/cm @ 25°C)	pH (SU)	DO (ppm)	ORP (mV)
HYG-1	6/18/07	7.1	555	7.5	3.5	177
HW-1	6/18/07	8.8	513	7.4	0.01	-103
HW-1A	6/18/07	6.8	491	8.4	4	73
HW-2	6/18/07	8.9	491	8.0	0.6	-180
HW-3	6/19/07	9.3	152	6.0	<0.005	-7
HW-4	6/18/07	14	541	6.9	0.5	177
HW-5	6/18/07	8.9	515	8.3	<0.005	-286
HW-5A	6/18/07	8.2	543	7.9	3.5	142
HW-6	6/18/07	10	496	7.6	0.1	-153
HW-6A	6/18/07	11	447	8.2	0.5	-130
KMW-1	6/19/07	16	282	6.4	<0.005	-71
KMW-2	6/12/07	17	405	6.9	0.04	-104
KMW-3	6/6/07	12	407	6.7	<0.005	NM
KMW-4	6/6/07	13	394	6.6	0.025	56
KMW-5	6/20/07	19	370	6.5	3	-62
KMW-6A	6/7/07	15	885	6.5	<0.005	NM
KMW-7	6/6/07	11	1427	5.6	<0.005	-7
KMW-9	6/7/07	10	570	6.3	0.05	NM
KMW-9P	6/7/07	11	1734	6.5	<0.005	NM
KMW-10	6/7/07	11	185	6.6	<0.005	-36

North Jackson Company
Groundwater Field Data Summary

Project Name: Humboldt Mill

Sample ID	Sampling Date	Temp (°C)*	Spec Cond (mmhos/cm @ 25°C)	pH (SU)	DO (ppm)	ORP (mV)
MW-5	6/19/07	15	1048	6.3	0.8	-79
MW-6	No Sample	d	d	d	d	d
MW-7	6/20/07	i	i	i	i	i
MW-9	6/11/07	11	313	6.3	0.4	-0.4
MW-11	6/12/07	27	1964	5.9	3	-41
MW-12	6/7/07	13	284	6.6	2	-78
MW-101	6/12/07	11	421	6.7	<0.005	NM
MW-102	6/12/07	i	i	i	i	i
MW-103	6/11/07	13	538	6.7	<0.005	-79
MW-104	6/19/07	17	209	6.2	2	-17
MW-601	6/12/07	i	i	i	i	i
MW-604	6/11/07	13	230	6.8	<0.005	-64
P-604	6/7/07	11	185	6.7	2	NM
PW-1	6/19/07	12	305	6.5	<0.005	-56
PW-2	6/12/07	18	462	6.0	5	63
PW-4	6/19/07	15	655	6.5	0.2	-76

d Well was dry.
i Insufficient water for collection of field parameters.
NM Not measured.
* All temperature measurements were affected by low-flow methodology and may be considerably warmer than actual conditions.

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
TDP001	Driven Point	6/5/07	6.60
TDP002	Driven Point	6/5/07	3.52
MW-5	Monitoring Well	6/5/07	8.04
MW-6	Monitoring Well	6/5/07	Dry
MW-7	Monitoring Well	6/5/07	23.95
MW-9	Monitoring Well	6/5/07	23.98
MW-11	Monitoring Well	6/5/07	6.84
MW-12	Monitoring Well	6/5/07	4.59
MW-101	Monitoring Well	6/5/07	4.70
MW-102	Monitoring Well	6/5/07	6.76
MW-103	Monitoring Well	6/5/07	8.61
MW-104	Monitoring Well	6/5/07	8.02
MW-601	Monitoring Well	6/5/07	4.52
MW-602	Monitoring Well	6/5/07	17.10
MW-603	Monitoring Well	6/5/07	17.42
MW-604	Monitoring Well	6/5/07	6.39
MW-605	Monitoring Well	6/5/07	6.68
MW-606	Monitoring Well	6/5/07	12.82
P-602	Monitoring Well	6/5/07	17.04
P-604	Monitoring Well	6/5/07	6.82
P-605	Monitoring Well	6/5/07	6.57
PW-1	Monitoring Well	6/5/07	9.95
PW-2	Monitoring Well	6/5/07	38.24
PW-4	Monitoring Well	6/5/07	8.55

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
KMW-1	Monitoring Well	6/5/07	5.42
KMW-2	Monitoring Well	6/5/07	5.87
KMW-3	Monitoring Well	6/5/07	14.00
KMW-4	Monitoring Well	6/5/07	28.20
KMW-5	Monitoring Well	6/5/07	41.37
KMW-6A	Monitoring Well	6/5/07	41.98
KMW-7	Monitoring Well	6/5/07	25.46
KMW-9	Monitoring Well	6/5/07	25.28
KMW-9P	Monitoring Well	6/5/07	25.20
KMW-10	Monitoring Well	6/5/07	7.73
HMS-001	Staff Gauge	6/5/07	2.62
HMS-002	Staff Gauge	6/5/07	0.74
HMS-003	Staff Gauge	6/5/07	1.92
HMS-004	Staff Gauge	6/5/07	2.00
HMS-005	Staff Gauge	6/5/07	1.42
HMS-006	Staff Gauge	6/5/07	1.87
HMS-007	Staff Gauge	6/5/07	4.03
HMP-004	Staff Gauge	6/5/07	0.74
HMP-005	Staff Gauge	6/5/07	1.52
HMP-006	Well Point	6/5/07	3.58
HMP-007	Staff Gauge	6/5/07	0.90
HMP-008	Staff Gauge	6/5/07	1.96
HMP-009	Staff Gauge	6/5/07	1.66
HYG-1	Existing Pit	6/5/07	7.83
HW-1	Existing Pit	6/5/07	6.20
HW-1A	Existing Pit	6/5/07	6.12
HW-2	Existing Pit	6/5/07	8.71
HW-3	Existing Pit	6/5/07	35.62
HW-4	Existing Pit	6/5/07	29.35
HW-5	Existing Pit	6/5/07	6.54
HW-5A	Existing Pit	6/5/07	6.47
HW-6	Existing Pit	6/5/07	4.24
HW-6A	Existing Pit	6/5/07	3.67

Note: All monitoring well depths measured from top of PVC (at mark, if present). Staff gauges were read directly.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Clear, windy, ~80°s F
Sample ID: HYG-1

Date: 6/18/07
Sampler(s): RRE/PJS
Sampling time: 1130

Odor: None
Appearance: Clear

Temperature (°C): 7.1
Spec. Cond. (mmhos/cm @ 25°C): 555
Conductivity (µmhos): 366
pH (SU): 7.5
D.O. (ppm): 3.5
ORP (mV): 177

Description of measuring point Mark on riser

Total depth: 28 ft
Approx. Depth to water: 8 ft
Water column in well: 20 ft
Volume/foot: 0.16 gal/ft
Well volume: 3 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~3.3

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.13 gpm (0.5 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1105						7.85
1109	550	8.0	4.5	156	0.5	7.86
1112	553	7.7	4	166	0.9	7.86
1115	551	7.7	4	168	1.3	7.87
1118	552	7.6	4	170	1.7	7.86
1121	552	7.6	3.5	174	2.1	7.87
1124	553	7.5	3.5	175	2.5	7.86
1127	555	7.5	3.5	177	2.9	7.86

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Light cloudy, breezy, ~70°s F
Sample ID: HW-1

Date: 6/18/07
Sampler(s): RRE/PJS
Sampling time: 0951

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C): 8.8
Spec. Cond. (mmhos/cm @ 25°C): 513
Conductivity (µmhos): 353
pH (SU): 7.4
D.O. (ppm): 0.01
ORP (mV): -103

Description of measuring point: Mark on riser

Total depth: 77 ft
Approx. Depth to water: 6 ft
Water column in well: 71 ft
Volume/foot: 1.47 gal/ft
Well volume: 104 gal

Well diameter (in): 6

Gallons purged prior to sampling: ~4.5

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.11 gpm (0.4 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0910						6.29
0912	488	7.9	<1.0	234	0.2	6.33
0915	490	7.9	0.07	116	0.6	6.33
0918	493	8.0	0.02	-66	0.9	6.32
0921	495	8.0	0.015	-122	1.2	6.33
0924	499	8.0	0.015	-134	1.5	6.32
0927	502	7.9	0.015	-144	1.9	6.32
0930	505	7.8	0.015	-140	2.2	6.33
0933	507	7.7	0.01	-139	2.5	6.32
0936	509	7.7	0.01	-136	2.9	6.33
0939	510	7.6	0.01	-127	3.2	6.33
0942	510	7.5	0.01	-121	3.5	6.35
0945	511	7.5	0.01	-113	3.9	6.34
0948	512	7.4	0.01	-108	4.2	6.34
0951	513	7.4	0.01	-103	4.5	6.34

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Hazy, light clouds, breezy, ~70's F
Sample ID: HW-1A

Date: 6/18/07
Sampler(s): RRE/PJS
Sampling time: 1036

Odor: None
Appearance: Clear with slight orange cast

Temperature (°C): 6.8
Spec. Cond. (mmhos/cm @ 25°C): 491
Conductivity (µmhos): 320
pH (SU): 8.4
D.O. (ppm): 4
ORP (mV): 73

Description of measuring point Mark on riser

Total depth: 32 ft
Approx. Depth to water: 6 ft
Water column in well: 26 ft
Volume/foot: 1.47 gal/ft
Well volume: 38 gal

Well diameter (in): 6

Gallons purged prior to sampling: ~2.3

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.11 gpm (0.4 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1015						6.15
1020	492	8.9	NM	67	0.6	6.21
1023	490	8.2	0.3	62	0.9	6.21
1030	491	8.3	4	66	1.7	6.25
1033	491	8.4	4	68	2.0	6.25
1036	491	8.4	4	73	2.3	6.25

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~7C°s F
Sample ID: HW-2

Date: 6/18/07
Sampler(s): RRE/PJS
Sampling time: 1307

Odor: None
Appearance: Clear

Temperature (°C): 8.9
Spec. Cond. (mmhos/cm @ 25°C): 491
Conductivity (µmhos): 340
pH (SU): 8.0
D.O. (ppm): 0.6
ORP (mV): -180

Description of measuring point Mark on riser

Total depth: 32 ft
Approx. Depth to water: 9 ft
Water column in well: 23 ft
Volume/foot: 1.47 gal/ft
Well volume: 34 gal

Well diameter (in): 6

Gallons purged prior to sampling: ~2.4

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.11 gpm (0.4 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1245						8.67
1258	490	8.2	0.7	-158	1.4	8.90
1301	489	8.1	0.6	-174	1.8	8.90
1304	491	8.1	0.6	-178	2.1	8.89
1307	491	8.0	0.6	-180	2.4	8.89

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, ~60°s F
Sample ID: HW-3

Date: 6/19/07
Sampler(s): AJM/RRE
Sampling time: 1008

Odor: Strong hydrogen sulfide
Appearance: Clear

Temperature (°C): 9.3
Spec. Cond. (mmhos/cm @ 25°C): 152
Conductivity (µmhos): 107
pH (SU): 6.0
D.O. (ppm): <0.005
ORP (mV): -7

Description of measuring point Mark on riser

Total depth: 45 ft
Approx. Depth to water: 36 ft
Water column in well: 9 ft
Volume/foot: 1.47 gal/ft
Well volume: 14 gal

Well diameter (in): 6

Gallons purged prior to sampling: ~2.6

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.13 gpm (0.5 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0948						35.66
0956	163	6.2	<0.005	57	1.0	35.72
0959	160	6.1	<0.005	6	1.4	35.72
1002	159	6.1	<0.005	-4	1.8	35.72
1005	155	6.0	<0.005	-8	2.2	35.72
1008	152	6.0	<0.005	-7	2.6	35.72

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~70's F
Sample ID: HW-4

Date: 6/18/07
Sampler(s): RRE/PJS
Sampling time: 1453

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C):	14
Spec. Cond. (mmhos/cm @ 25°C):	541
Conductivity (µmhos):	425
pH (SU):	6.9
D.O. (ppm):	0.5
ORP (mV):	-120

Description of measuring point Mark on riser

Total depth:	77	ft
Approx. Depth to water:	29	ft
Water column in well:	47	ft
Volume/foot:	1.47	gal/ft
Well volume:	69	gal

Well diameter (in): 6

Gallons purged prior to sampling: ~1.7

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.11 gpm (0.4 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1438						29.32
1441	524	7.2	0.5	-125	0.3	29.49
1444	532	7.0	0.5	-123	0.7	29.48
1447	539	6.9	0.5	-123	1.0	29.48
1450	541	6.9	0.5	-122	1.3	29.48
1453	541	6.9	0.5	-120	1.7	29.48

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Windy, overcast ~80°s F
Sample ID: HW-5

Date: 6/18/07
Sampler(s): RRE/PJS
Sampling time: 1312

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C):	8.9
Spec. Cond. (mmhos/cm @ 25°C):	515
Conductivity (µmhos):	357
pH (SU):	8.3
D.O. (ppm):	<0.005
ORP (mV):	-286

Description of measuring point Mark on riser

Total depth:	71	ft
Approx. Depth to water:	7	ft
Water column in well:	64	ft
Volume/foot:	1.47	gal/ft
Well volume:	95	gal

Well diameter (in): 6

Gallons purged prior to sampling: ~3.4

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.11 gpm (0.4 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1241						6.59
1248	508	8.2	0.15	-170	0.8	6.65
1251	496	8.2	0.005	-214	1.1	6.67
1254	498	8.3	<0.005	-243	1.4	6.67
1257	499	8.3	<0.005	-252	1.8	6.68
1300	500	8.3	<0.005	-265	2.1	6.68
1303	501	8.3	<0.005	-276	2.4	6.67
1306	504	8.3	<0.005	-283	2.8	6.67
1309	509	8.3	<0.005	-287	3.1	6.68
1312	515	8.3	<0.005	-286	3.4	6.67

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, windy, ~8[0]s F
Sample ID: HW-5A

Date: 6/18/07
Sampler(s): RRE/PJS
Sampling time: 1222

Odor: None
Appearance: Clear

Temperature (°C): 8.2
Spec. Cond. (mmhos/cm @ 25°C): 543
Conductivity (µmhos): 369
pH (SU): 7.9
D.O. (ppm): 3.5
ORP (mV): 142

Description of measuring point Mark on riser

Total depth: 31 ft
Approx. Depth to water: 6 ft
Water column in well: 25 ft
Volume/foot: 1.47 gal/ft
Well volume: 36 gal

Well diameter (in): 6

Gallons purged prior to sampling: ~1.3

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.066 gpm (0.25 L/min)..

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1202						6.50
1210	542	8.0	4	153	0.5	6.55
1213	542	7.9	3.5	152	0.7	6.58
1216	543	7.9	3.5	151	0.9	6.57
1219	543	7.9	3.5	148	1.1	6.58
1222	543	7.9	3.5	142	1.3	6.58

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~70's F
Sample ID: HW-6

Date: 6/18/07
Sampler(s): RRE/PJS
Sampling time: 1136

Odor: None
Appearance: Clear

Temperature (°C): 10
Spec. Cond. (mmhos/cm @ 25°C): 496
Conductivity (µmhos): 355
pH (SU): 7.6
D.O. (ppm): 0.1
ORP (mV): -153

Description of measuring point Mark on riser

Total depth: 71 ft
Approx. Depth to water: 4 ft
Water column in well: 67 ft
Volume/foot: 1.47 gal/ft
Well volume: 98 gal

Well diameter (in): 6

Gallons purged prior to sampling: ~2.7

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.13 gpm (0.5 L/min).
Masked duplicate (DUP005) collected here.

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1115						4.35
1124	489	7.8	0.5	-138	1.2	4.35
1127	494	7.7	0.2	-145	1.6	4.35
1130	495	7.7	0.1	-149	2.0	4.35
1133	496	7.6	0.1	-152	2.3	4.35
1136	496	7.6	0.1	-153	2.7	4.35

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~70's F
Sample ID: HW-6A

Date: 6/18/07
Sampler(s): RRE/PJS
Sampling time: 1027

Odor: None
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (mmhos/cm @ 25°C): 447
Conductivity (µmhos): 329
pH (SU): 8.2
D.O. (ppm): 0.5
ORP (mV): -130

Description of measuring point Mark on riser

Total depth: 28 ft
Approx. Depth to water: 4 ft
Water column in well: 24 ft
Volume/foot: 1.47 gal/ft
Well volume: 36 gal

Well diameter (in): 6

Gallons purged prior to sampling: ~4.8

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.15 gpm (0.56 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0955						3.73
1015	453	8.2	0.6	-94	3.0	3.91
1018	448	8.2	0.6	-119	3.5	3.90
1021	448	8.2	0.5	-130	3.9	3.90
1024	448	8.2	0.5	-136	4.4	3.90
1027	447	8.2	0.5	-130	4.8	3.90

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, ~50°s F
Sample ID: KMW-1

Date: 6/19/07
Sampler(s): AJM/RRE
Sampling time: 1404

Odor: Petroleum
Appearance: Cloudy/yellowish

Temperature (°C): 16
Spec. Cond. (mmhos/cm @ 25°C): 282
Conductivity (µmhos): 231
pH (SU): 6.4
D.O. (ppm): <0.005
ORP (mV): -71

Description of measuring point Mark on riser

Total depth: 15 ft
Approx. Depth to water: 5 ft
Water column in well: 10 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.5

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	BTEX/Naphthalene	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.02 gpm (0.08 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1340						6.23
1352	135	6.5	1	-80	0.26	6.40
1355	285	6.4	<0.005	-69	0.33	6.40
1358	285	6.4	<0.005	-70	0.39	6.41
1401	283	6.4	<0.005	-71	0.46	6.42
1404	282	6.4	<0.005	-71	0.53	6.43

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~80°s F
Sample ID: KMW-2

Date: 6/12/07
Sampler(s): RRE/AJM
Sampling time: 1600

Odor: Petroleum
Appearance: Cloudy

Temperature (°C): 17
Spec. Cond. (mmhos/cm @ 25°C): 405
Conductivity (µmhos): 344
pH (SU): 6.9
D.O. (ppm): 0.04
ORP (mV): -104

Description of measuring point Mark on riser

Total depth: 19 ft
Approx. Depth to water: 6 ft
Water column in well: 13 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.8

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
0	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.026 gpm (0.1 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1531						6.61
1542	395	7.1	0.8	-119	0.3	6.71
1545	395	6.9	0.6	-101	0.4	6.70
1548	397	6.9	0.2	-96	0.4	6.70
1551	398	6.9	0.1	-96	0.5	6.69
1554	402	6.9	0.04	-99	0.6	6.70
1557	406	6.9	0.04	-99	0.7	6.70
1600	405	6.9	0.04	-104	0.8	6.70

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Sample ID: KMW-3

Date: 6/6/07
Sampler(s): RRE/AJM
Sampling time: 1402

Odor: Strong petrol & hyd. sulf.
Appearance: Clear

Temperature (°C): 12
Spec. Cond. (mmhos/cm @ 25°C): 407
Conductivity (µmhos): 304
pH (SU): 6.7
D.O. (ppm): <0.005
ORP (mV): NM

Description of measuring point Mark on riser

Total depth: 32 ft
Approx. Depth to water: 14 ft
Water column in well: 18 ft
Volume/foot: 0.16 gal/ft
Well volume: 3 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~2.5

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.13 gpm (0.5 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1343						14.00
1350	412	7.0	<0.005	NM	0.9	14.05
1353	407	6.8	<0.005	NM	1.3	14.05
1356	406	6.7	<0.005	NM	1.7	14.05
1359	407	6.7	<0.005	NM	2.1	14.05
1402	407	6.7	<0.005	NM	2.5	14.05

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	6/6/07
Weather:	Sunny, ~70°s F	**Sampler(s):**	RRE/AJM
Sample ID:	KMW-4	**Sampling time:**	1311

Odor:	None	Temperature (°C):	13
Appearance:	Cloudy	Spec. Cond. (mmhos/cm @ 25°C):	394
		Conductivity (µmhos):	301
		pH (SU):	6.6
		D.O. (ppm):	0.025
		ORP (mV):	56

Description of measuring point Mark on riser

Total depth:	43	ft	Well diameter (in):	2	
Approx. Depth to water:	28	ft			
Water column in well:	15	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~1.8	
Well volume:	2	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.13 gpm (0.5 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1257						28.15
1259	408	6.9	0.05	130	0.3	28.20
1302	404	6.8	0.025	71	0.7	28.19
1305	399	6.7	0.025	56	1.0	28.19
1308	397	6.6	0.025	59	1.4	28.19
1311	394	6.6	0.025	56	1.8	28.19

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~60°s F
Sample ID: KMW-5

Date: 6/20/07
Sampler(s): RRE/AJM
Sampling time: 1300

Odor: Possibly petroleum
Appearance: Cloudy

Temperature (°C):	19
Spec. Cond. (mmhos/cm @ 25°C):	370
Conductivity (µmhos):	327
pH (SU):	6.5
D.O. (ppm):	3
ORP (mV):	-62

Description of measuring point Mark on riser

Total depth:	53	ft
Approx. Depth to water:	41	ft
Water column in well:	12	ft
Volume/foot:	0.16	gal/ft
Well volume:	2	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.3

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.01 gpm (0.05 L/min).
Masked duplicate (DUP007) collected here.

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1227						41.60
1252	372	6.4	3	-68	0.25	42.38
1255	372	6.4	3	-64	0.28	42.39
1257	371	6.4	3	-62	0.31	42.41
1300	370	6.5	3	-62	0.34	42.42

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, breezy, ~60°s F
Sample ID: KMW-6A

Date: 6/7/07
Sampler(s): AJM/RRE
Sampling time: 1028

Odor: Petroleum
Appearance: Tan/cloudy

Temperature (°C): 15
Spec. Cond. (mmhos/cm @ 25°C): 885
Conductivity (µmhos): 723
pH (SU): 6.5
D.O. (ppm): <0.005
ORP (mV): NM

Description of measuring point Mark on riser

Total depth: 46 ft
Approx. Depth to water: 42 ft
Water column in well: 4 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.7 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~2.3

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.13 gpm (0.5 L/min).
Masked duplicate (DUP002) collected here.

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1010						41.93
1019	885	6.5	<0.005	NM	1.2	41.96
1022	887	6.5	<0.005	NM	1.6	41.97
1025	888	6.5	<0.005	NM	2.0	41.97
1028	885	6.5	<0.005	NM	2.3	41.97

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~7C°s F
Sample ID: KMW-7

Date: 6/6/07
Sampler(s): RRE/AJM
Sampling time: 1547

Odor: Petroleum
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (mmhos/cm @ 25°C): 1427
Conductivity (µmhos): 1037
pH (SU): 5.6
D.O. (ppm): <0.005
ORP (mV): -7

Description of measuring point Mark on riser

Total depth: 30 ft
Approx. Depth to water: 25 ft
Water column in well: 5 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.7 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~2.2

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
0	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.13 gpm (0.5 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1530						25.43
1535	1460	5.7	<0.005	-4	0.7	25.46
1538	1444	5.7	<0.005	-3	1.0	25.48
1541	1430	5.6	<0.005	-3	1.4	25.47
1544	1420	5.6	<0.005	-4	1.8	25.47
1547	1430	5.6	<0.005	-7	2.2	25.47

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	6/7/07
Weather:	Sunny, ~70°s F	**Sampler(s):**	AJM/RRE
Sample ID:	KMW-9	**Sampling time:**	1255

Odor:	Petroleum	Temperature (°C):	10
Appearance:	Clear	Spec. Cond. (mmhos/cm @ 25°C):	570
		Conductivity (µmhos):	410
		pH (SU):	6.3
		D.O. (ppm):	0.05
		ORP (mV):	NM

Description of measuring point Mark on riser

Total depth:	32	ft	Well diameter (in):	2	
Approx. Depth to water:	25	ft			
Water column in well:	7	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~2.1	
Well volume:	1.1	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.13 gpm (0.5 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1239						25.20
1243	597	6.4	0.05	NM	0.5	25.28
1246	593	6.4	0.05	NM	0.9	25.28
1249	573	6.3	0.05	NM	1.3	25.28
1252	570	6.3	0.05	NM	1.7	25.28
1255	570	6.3	0.05	NM	2.1	25.28

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Sunny, breezy, ~7C°s F
Sample ID: KMW-9P

Date: 6/7/07
Sampler(s): AJM/RRE
Sampling time: 1146

Odor: Petroleum
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (mmhos/cm @ 25°C): 1734
Conductivity (µmhos): 1266
pH (SU): 6.5
D.O. (ppm): <0.005
ORP (mV): NM

Description of measuring point Mark on riser

Total depth: 57 ft
Approx. Depth to water: 25 ft
Water column in well: 32 ft
Volume/foot: 0.16 gal/ft
Well volume: 5 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~1.5

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.1 gpm (0.5 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1131						25.12
1137	1616	6.5	<0.005	NM	0.6	25.19
1140	1710	6.4	<0.005	NM	0.9	25.19
1143	1725	6.5	<0.005	NM	1.2	25.19
1146	1734	6.5	<0.005	NM	1.5	25.19

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	6/7/07
Weather:	Cloudy, ~70°s F	**Sampler(s):**	AJM/RRE
Sample ID:	KMW-10	**Sampling time:**	1522

Odor:	Petroleum	Temperature (°C):	11
Appearance:	Clear	Spec. Cond. (mmhos/cm @ 25°C):	185
		Conductivity (µmhos):	136
		pH (SU):	6.6
		D.O. (ppm):	<0.005
		ORP (mV):	-36

Description of measuring point Mark on riser

Total depth:	15	ft	Well diameter (in):	2	
Approx. Depth to water:	8	ft			
Water column in well:	7	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~1.8	
Well volume:	1	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.1 gpm (0.5 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1504						7.74
1510	189	7.0	<0.005	-3	0.6	7.74
1513	188	6.7	<0.005	-29	0.9	7.73
1516	187	6.6	<0.005	-29	1.2	7.73
1519	186	6.6	<0.005	-31	1.5	7.73
1522	185	6.6	<0.005	-36	1.8	7.73

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, ~50°s F
Sample ID: MW-5

Date: 6/19/07
Sampler(s): AJM/RRE
Sampling time: 1036

Odor: Fuel oil
Appearance: Cloudy tan, oily sheen

Temperature (°C):	15
Spec. Cond. (mmhos/cm @ 25°C):	1048
Conductivity (µmhos):	849
pH (SU):	6.3
D.O. (ppm):	0.8
ORP (mV):	-79

Description of measuring point Mark on riser

Total depth:	17	ft
Approx. Depth to water:	8	ft
Water column in well:	9	ft
Volume/foot:	0.16	gal/ft
Well volume:	1.5	gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.5

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	BTEX/Naphthalene	
2	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.019 gpm (0.07 L/min).
Masked duplicate (DUP006) collected here.

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1012						7.94
1027	1057	6.4	0.8	-77	0.28	9.30
1030	1052	6.3	0.8	-79	0.34	9.32
1033	1050	6.3	0.8	-80	0.39	9.32
1036	1048	6.3	0.8	-79	0.45	9.32

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather:
Sample ID: MW-6

Date: No Sample
Sampler(s): NA
Sampling time: NA

Odor: NA
Appearance: NA

Temperature (°C): d
Spec. Cond. (mmhos/cm @ 25°C): d
Conductivity (µmhos): d
pH (SU): d
D.O. (ppm): d
ORP (mV): d

Description of measuring point Mark on riser

Total depth: 24 ft
Approx. Depth to water: Dry ft
Water column in well: 0 ft
Volume/foot: 0.16 gal/ft
Well volume: 0 gal

Well diameter (in): 2

Gallons purged prior to sampling: NA

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
0	500 ml plastic	HNO3	Metals, hardness	
0	250 ml plastic	HNO3	Lithium	
0	500 ml clear glass	None	LL Hg	
0	250 ml plastic	NaOH	Cyanide	
0	250 ml plastic	H2SO4	Ammonia	
0	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Well was dry on 6/5/07 so no sample.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~70's F
Sample ID: MW-7

Date: 6/20/07
Sampler(s): RRE/AJM
Sampling time: 1335

Odor: None
Appearance: Clear

Temperature (°C): i
Spec. Cond. (mmhos/cm @ 25°C): i
Conductivity (µmhos): i
pH (SU): i
D.O. (ppm): i
ORP (mV): i

Description of measuring point Mark on riser

Total depth: 27 ft
Approx. Depth to water: 24 ft
Water column in well: 3 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.5 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.5

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
1	1 L amber glass	None	PAH	Partial (~250 ml)
0	500 ml plastic	HNO3	Metals, hardness	
0	250 ml plastic	HNO3	Lithium	
0	500 ml clear glass	None	LL Hg	
0	250 ml plastic	NaOH	Cyanide	
0	250 ml plastic	H2SO4	Ammonia	
0	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Purged dry on 6/19/07 and sampled for parameter shown above.
Insufficient water for collection of field parameters or stabilization record.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Scattered clouds, breezy, ~8C°s F
Sample ID: MW-9

Date: 6/11/07
Sampler(s): PJS/RRE
Sampling time: 1536

Odor: None
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (mmhos/cm @ 25°C): 313
Conductivity (µmhos): 228
pH (SU): 6.3
D.O. (ppm): 0.4
ORP (mV): -0.4

Description of measuring point Mark on riser

Total depth: 29 ft
Approx. Depth to water: 24 ft
Water column in well: 5 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.8 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~4

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
0	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.11 gpm (0.4 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1500						24.75
1508	358	6.3	2.5	-40	0.9	24.88
1512	343	6.3	1.5	-39	1.3	24.87
1516	349	6.3	1.5	-36	1.8	24.95
1520	351	6.4	1	-26	2.2	24.95
1524	342	6.3	0.5	-17	2.6	24.95
1528	328	6.3	0.6	-7	3.1	24.95
1532	319	6.3	0.4	-3	3.5	24.94
1536	313	6.3	0.4	-0.4	4.0	24.92

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Clear, ~70°s F
Sample ID: MW-11

Date: 6/12/07
Sampler(s): RRE/AJM
Sampling time: 1220

Odor: Petroleum
Appearance: Light tan

Temperature (°C): 27
Spec. Cond. (mmhos/cm @ 25°C): 1964
Conductivity (µmhos): 2022
pH (SU): 5.9
D.O. (ppm): 3
ORP (mV): -41

Description of measuring point Mark on riser

Total depth: 12 ft
Approx. Depth to water: 7 ft
Water column in well: 5 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.6

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.022 gpm (0.08 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1152						7.36
1208	2011	5.9	3	-39	0.35	7.86
1211	2012	5.9	3	-37	0.42	7.84
1214	2010	5.9	3	-38	0.48	7.83
1217	1987	5.9	3	-40	0.55	7.83
1220	1964	5.9	3	-41	0.62	7.83

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Cloudy, ~70°s F
Sample ID: MW-12

Date: 6/7/07
Sampler(s): RRE/AJM
Sampling time: 1608

Odor: Hydrogen sulfide
Appearance: Clear

Temperature (°C): 13
Spec. Cond. (mmhos/cm @ 25°C): 284
Conductivity (µmhos): 220
pH (SU): 6.6
D.O. (ppm): 2
ORP (mV): -78

Description of measuring point Mark on riser

Total depth: 15 ft
Approx. Depth to water: 5 ft
Water column in well: 10 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~1.5

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.066 gpm (0.25 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1546						4.54
1559	292	6.6	2	-44	0.9	4.74
1602	290	6.6	2	-66	1.1	4.74
1605	289	6.6	2	-74	1.3	4.73
1608	283	6.6	2	-78	1.5	4.72

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~80°s F
Sample ID: MW-101

Date: 6/12/07
Sampler(s): RRE/AJM
Sampling time: 1209

Odor: Petroleum
Appearance: Clear

Temperature (°C): 11
Spec. Cond. (mmhos/cm @ 25°C): 421
Conductivity (µmhos): 312
pH (SU): 6.7
D.O. (ppm): <0.005
ORP (mV): NM

Description of measuring point Mark on riser

Total depth: 21 ft
Approx. Depth to water: 5 ft
Water column in well: 16 ft
Volume/foot: 0.16 gal/ft
Well volume: 3 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~1.7

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.13 gpm (0.5 L/min).
Masked duplicate (DUP-004) collected here.

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1156						5.08
1200	408	6.4	0.04	NM	0.5	5.07
1203	412	6.6	<0.005	NM	0.9	5.07
1206	418	6.6	<0.005	NM	1.3	5.07
1209	421	6.7	<0.005	NM	1.7	5.07

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~80°s F
Sample ID: MW-102

Date: 6/12/07
Sampler(s): RRE/AJM
Sampling time: 1450

Odor: Slight mineral?
Appearance: Orange cast

Temperature (°C): i
Spec. Cond. (mmhos/cm @ 25°C): i
Conductivity (µmhos): i
pH (SU): i
D.O. (ppm): i
ORP (mV): i

Description of measuring point Mark on riser

Total depth: 9 ft
Approx. Depth to water: 7 ft
Water column in well: 2 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.4 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.4

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	Half bottle
0	250 ml plastic	HNO3	Lithium	
0	500 ml clear glass	None	LL Hg	
0	250 ml plastic	NaOH	Cyanide	
0	250 ml plastic	H2SO4	Ammonia	
0	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.026 gpm (0.1 L/min). Pumped dry on 6/11/07 and sampled on 6/12/07 for parameters shown above. Insufficient water for collection of field parameters or stabilization record.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Clear, breezy, ~70's F
Sample ID: MW-103

Date: 6/11/07
Sampler(s): PJS/RRE
Sampling time: 1154

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C): 13
Spec. Cond. (mmhos/cm @ 25°C): 538
Conductivity (µmhos): 414
pH (SU): 6.7
D.O. (ppm): <0.005
ORP (mV): -79

Description of measuring point Mark on riser

Total depth: 22 ft
Approx. Depth to water: 9 ft
Water column in well: 13 ft
Volume/foot: 0.16 gal/ft
Well volume: 2 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~1.6

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
0	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.065 gpm (0.25 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1130						8.82
1136	525	6.7	<0.005	-29	0.4	8.85
1139	523	6.7	<0.005	-48	0.6	8.84
1142	525	6.7	<0.005	-50	0.8	8.84
1145	530	6.7	<0.005	-60	1.0	8.84
1148	531	6.7	<0.005	-70	1.2	8.84
1151	534	6.7	<0.005	-74	1.4	8.85
1154	538	6.7	<0.005	-79	1.6	8.84

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	6/19/07
Weather:	Cloudy, breezy, ~5C°s F	**Sampler(s):**	AJM/RRE
Sample ID:	MW-104	**Sampling time:**	1529

Odor:	Petroleum	Temperature (°C):	17
Appearance:	Cloudy/gray	Spec. Cond. (mmhos/cm @ 25°C):	209
		Conductivity (µmhos):	178
		pH (SU):	6.2
		D.O. (ppm):	2
		ORP (mV):	-17

Description of measuring point Mark on riser

Total depth:	12	ft	Well diameter (in):	2	
Approx. Depth to water:	8	ft			
Water column in well:	4	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~0.6	
Well volume:	0.6	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
3	40 ml glass	HCL	BTEX/Naphthalene	
2	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.02 gpm (0.07 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1458						7.33
1520	206	6.2	2	-10	0.44	8.64
1523	205	6.1	2	-15	0.50	8.64
1526	206	6.1	2	-17	0.56	8.64
1529	209	6.2	2	-17	0.62	8.63

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Clear, ~80°s F
Sample ID: MW-601

Date: 6/12/07
Sampler(s): RRE/AJM
Sampling time: See below

Odor: Petroleum
Appearance: Turbid

Temperature (°C): i
Spec. Cond. (mmhos/cm @ 25°C): i
Conductivity (µmhos): i
pH (SU): i
D.O. (ppm): i
ORP (mV): i

Description of measuring point Mark on riser

Total depth: 14 ft
Approx. Depth to water: 5 ft
Water column in well: 9 ft
Volume/foot: 0.16 gal/ft
Well volume: 1.5 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~1.5

Evacuation method: Dedicated submersible pump

Date/Time	# Collected	Bottle	Preservative	Parameter	Comment
	0	40 ml glass	HCL	VOCs	
	0	1 L amber glass	None	PAH	
6/12/07 (1405)	1	500 ml plastic	HNO3	Metals, hardness	
6/12/07 (1630)	1	250 ml plastic	HNO3	Lithium	
6/12/07 (1633)	1	500 ml clear glass	None	LL Hg	Half bottle
	0	250 ml plastic	NaOH	Cyanide	
	0	250 ml plastic	H2SO4	Ammonia	
	0	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
	0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.01 gpm (0.04 L/min). Pumped dry on 6/11/07 and sampled on 6/12/07 for parameters shown above. Insufficient water for collection of field parameters or stabilization record.

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Clear, breezy, ~70°s F
Sample ID: MW-604

Date: 6/11/07
Sampler(s): PJS/RRE
Sampling time: 1018

Odor: Slight hydrogen sulfide
Appearance: Clear

Temperature (°C): 13
Spec. Cond. (mmhos/cm @ 25°C): 230
Conductivity (µmhos): 174
pH (SU): 6.8
D.O. (ppm): <0.005
ORP (mV): -64

Description of measuring point: Mark on riser

Total depth: 14 ft
Approx. Depth to water: 6 ft
Water column in well: 8 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~2.3

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.065 gpm (0.25 L/min).
Masked duplicate (DUP003) collected here.

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
0945						6.48
0950	220	6.5	1	119	0.3	6.48
0953	219	6.5	0.1	32	0.5	6.48
0956	219	6.5	<0.04	5	0.7	6.48
0959	220	6.6	NM	-11	0.9	6.48
1002	222	6.6	<0.04	-19	1.1	6.48
1006	225	6.6	<0.04	-30	1.3	6.48
1009	224	6.7	<0.005	-44	1.5	6.48
1012	225	6.7	<0.005	-54	1.7	6.48
1015	227	6.8	<0.005	-58	1.9	6.48
1018	228	6.8	<0.005	-61	2.1	6.48
1021	230	6.8	<0.005	-64	2.3	6.48

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~70's F
Sample ID: P-604

Date: 6/7/07
Sampler(s): AJM/RRE
Sampling time: 1524

Odor: None
Appearance: Cloudy

Temperature (°C): 11
Spec. Cond. (mmhos/cm @ 25°C): 185
Conductivity (µmhos): 138
pH (SU): 6.7
D.O. (ppm): 2
ORP (mV): NM

Description of measuring point Mark on riser

Total depth: 28 ft
Approx. Depth to water: 7 ft
Water column in well: 21 ft
Volume/foot: 0.16 gal/ft
Well volume: 3 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.9

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.066 gpm (0.25 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1510						6.83
1515	188	7.0	2	NM	0.3	6.85
1518	187	6.8	2	NM	0.5	6.86
1521	186	6.8	2	NM	0.7	6.86
1524	185	6.7	2	NM	0.9	6.86

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Light rain, ~60's F
Sample ID: PW-1

Date: 6/19/07
Sampler(s): AJM/RRE
Sampling time: 1306

Odor: Petroleum
Appearance: Cloudy/yellowish

Temperature (°C): 12
Spec. Cond. (mmhos/cm @ 25°C): 305
Conductivity (µmhos): 231
pH (SU): 6.5
D.O. (ppm): <0.005
ORP (mV): -56

Description of measuring point Mark on riser

Total depth: 19 ft
Approx. Depth to water: 10 ft
Water column in well: 9 ft
Volume/foot: 0.16 gal/ft
Well volume: 1 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~0.8

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
2	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
0	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.03 gpm (0.1 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1242						10.42
1251	305	6.4	<0.005	35	0.3	10.68
1254	308	6.4	<0.005	-35	0.4	10.65
1257	307	6.4	<0.005	-42	0.5	10.70
1300	307	6.5	<0.005	-48	0.6	10.68
1303	306	6.5	<0.005	-51	0.7	10.67
1306	305	6.5	<0.005	-56	0.8	10.63

North Jackson Company
Groundwater Sampling Log

Proj. Name: Humboldt Mill
Weather: Partly cloudy, ~80's F
Sample ID: PW-2

Date: 6/12/07
Sampler(s): RRE/AJM
Sampling time: 1541

Odor: None
Appearance: Cloudy

Temperature (°C): 18
Spec. Cond. (mmhos/cm @ 25°C): 462
Conductivity (µmhos): 402
pH (SU): 6.0
D.O. (ppm): 5
ORP (mV): 63

Description of measuring point Mark on riser

Total depth: 41 ft
Approx. Depth to water: 38 ft
Water column in well: 2 ft
Volume/foot: 0.16 gal/ft
Well volume: 0.4 gal

Well diameter (in): 2

Gallons purged prior to sampling: ~1.4

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
0	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None
Remarks: Well condition excellent. Pump rate ~0.066 gpm (0.25 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1520						38.26
1526	429	6.3	5	64	0.4	38.53
1529	431	6.1	5	67	0.6	38.52
1532	444	6.1	5	61	0.8	38.51
1535	453	6.1	5	63	1.0	38.51
1538	458	6.1	5	63	1.2	38.51
1541	462	6.0	5	63	1.4	38.51

North Jackson Company
Groundwater Sampling Log

Proj. Name:	Humboldt Mill	**Date:**	6/19/07
Weather:	Cloudy, breezy, ~5C°s F	**Sampler(s):**	AJM/RRE
Sample ID:	PW-4	**Sampling time:**	1515

Odor:	Petroleum	Temperature (°C):	15
Appearance:	Cloudy/gray	Spec. Cond. (mmhos/cm @ 25°C):	655
		Conductivity (µmhos):	530
		pH (SU):	6.5
		D.O. (ppm):	0.2
		ORP (mV):	-76

Description of measuring point Mark on riser

Total depth:	18	ft	Well diameter (in):	2	
Approx. Depth to water:	9	ft			
Water column in well:	9	ft	Gallons purged		
Volume/foot:	0.16	gal/ft	prior to sampling:	~0.7	
Well volume:	2	gal			

Evacuation method: Dedicated submersible pump

# Collected	Bottle	Preservative	Parameter	Comment
0	40 ml glass	HCL	VOCs	
2	1 L amber glass	None	PAH	
1	500 ml plastic	HNO3	Metals, hardness	
1	250 ml plastic	HNO3	Lithium	
1	500 ml clear glass	None	LL Hg	
1	250 ml plastic	NaOH	Cyanide	
1	250 ml plastic	H2SO4	Ammonia	
1	500 ml plastic	None	Alk2, Cl, Fl, SO4, Nitrate/Nitrite	
1	250 ml plastic	NaOH, ZnAC	Sulfide	

Photographs: None

Remarks: Well condition excellent. Pump rate ~0.03 gpm (0.1 L/min).

Stabilization Record:

Time	Spec. Cond. (mmhos/cm @ 25°C)	pH (SU)	D.O. (ppm)	ORP (mV)	Volume Removed (gal)	Depth to Water (ft)
1453						9.59
1500	641	6.4	0.3	-18	0.2	10.07
1503	643	6.4	0.3	-55	0.3	10.11
1506	642	6.4	0.3	-60	0.4	10.11
1509	649	6.4	0.2	-67	0.5	10.13
1512	653	6.4	0.2	-71	0.6	10.09
1515	655	6.5	0.2	-76	0.7	10.08

August 2007

North Jackson Company

Flow Measurement and Field Parameter Summary

Project Name: Humboldt Mill

Location	Measurement Date	Flow (cfs)	Temp (°C)	Spec Cond (mmhos/cm @ 25°C)	pH (SU)	DO (ppm)
EBR-001	8/2/07	0.0	21	202	6.8	6.0
WBR-001	8/2/07	0.01	18	77	6.4	3.4
WBR-002	8/2/07	0.001	22	276	6.6	NM
WBR-003	8/2/07	0.006	21	213	6.7	NM
MBR-001	8/2/07	0.2	19	180	7.3	6.5
MER-001	8/2/07	4.2	21	124	7.6	7.8
MER-002	8/2/07	4.6	23	162	7.5	7.7
MER-003	8/2/07	5.7	23	178	7.5	8.3
HMP-002	8/2/07	0.0	28	531	7.9	7.1
WLD-001NW	8/2/07	0.0	d	d	d	d
WLD-001SE	8/2/07	0.0	20	283	6.9	1.1

d Dry
NM Not measured

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
TDP001	Driven Point	8/2/07	Dry
TDP002	Driven Point	8/2/07	6.46
MW-5	Monitoring Well	8/2/07	8.71
MW-6	Monitoring Well	8/2/07	Dry
MW-7	Monitoring Well	8/2/07	25.93
MW-9	Monitoring Well	8/2/07	Dry
MW-11	Monitoring Well	8/2/07	7.96
MW-12	Monitoring Well	8/2/07	5.63
MW-101	Monitoring Well	8/2/07	7.52
MW-102	Monitoring Well	8/2/07	8.01
MW-103	Monitoring Well	8/2/07	9.53
MW-104	Monitoring Well	8/2/07	9.44
MW-601	Monitoring Well	8/2/07	7.64
MW-602	Monitoring Well	8/2/07	18.48
MW-603	Monitoring Well	8/2/07	17.94
MW-604	Monitoring Well	8/2/07	7.09
MW-605	Monitoring Well	8/2/07	7.76
MW-606	Monitoring Well	8/2/07	13.52
P-602	Monitoring Well	8/2/07	18.39
P-604	Monitoring Well	8/2/07	7.72
P-605	Monitoring Well	8/2/07	7.66
PW-1	Monitoring Well	8/2/07	12.91
PW-2	Monitoring Well	8/2/07	38.59
PW-4	Monitoring Well	8/2/07	10.74

North Jackson Company
Water Level Summary

Project Name: Humboldt Mill

Location	Description of Measuring Point	Date	Depth to Water (ft)
KMW-1	Monitoring Well	8/2/07	8.39
KMW-2	Monitoring Well	8/2/07	7.61
KMW-3	Monitoring Well	8/2/07	16.42
KMW-4	Monitoring Well	8/2/07	29.08
KMW-5	Monitoring Well	8/2/07	42.69
KMW-6A	Monitoring Well	8/2/07	42.61
KMW-7	Monitoring Well	8/2/07	26.11
KMW-9	Monitoring Well	8/2/07	25.88
KMW-9P	Monitoring Well	8/2/07	25.74
KMW-10	Monitoring Well	8/2/07	8.37
HMS-001	Staff Gauge	8/2/07	0.23
HMS-002	Staff Gauge	8/2/07	Dry
HMS-003	Staff Gauge	8/2/07	0.78
HMS-004	Staff Gauge	8/2/07	0.92
HMS-005	Staff Gauge	8/2/07	0.73
HMS-006	Staff Gauge	8/2/07	0.67
HMS-007	Staff Gauge	8/2/07	2.10
HMP-004	Staff Gauge	8/2/07	Dry
HMP-005	Staff Gauge	8/2/07	1.24
HMP-006	Well Point	8/2/07	5.89
HMP-007	Staff Gauge	8/2/07	0.42
HMP-008	Staff Gauge	8/2/07	1.78
HMP-009	Staff Gauge	8/2/07	1.46
HYG-1	Existing Pit	8/2/07	8.33
HW-1	Existing Pit	8/2/07	6.38
HW-1a	Existing Pit	8/2/07	6.16
HW-2	Existing Pit	8/2/07	8.71
HW-3	Existing Pit	8/2/07	35.88
HW-4	Existing Pit	8/2/07	29.56
HW-5	Existing Pit	8/2/07	6.62
HW-5a	Existing Pit	8/2/07	6.54
HW-6	Existing Pit	8/2/07	4.47
HW-6a	Existing Pit	8/2/07	3.89

Note: All monitoring well depths measured from top of PVC (at mark, if present). Staff gauges were read directly.

North Jackson Company
Flow Measurement Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Location: EBR-001

Date: 8/2/07
Gage Reader: RRE/KHS

Start time: 0915 RP start (ft): 1.52

Finish time: NA RP end (ft): NA

Inst. read: NA

Temperature (°C): 21
Spec. Cond. (µmhos/cm @ 25°C): 202
Conductivity (µmhos): 187
pH (SU): 6.8
D.O. (ppm): 6.0

Remarks: No flow detected.

North Jackson Company
Flow Measurement Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Location: WBR-001

Date: 8/2/07
Gage Reader: RRE/KHS

Start time: 1035 RP start (ft): 1.60
Finish time: 1045 RP end (ft): 1.60
Inst. read: NA

Temperature (°C): 18
Spec. Cond. (µmhos/cm @ 25°C): 77
Conductivity (µmhos): 68
pH (SU): 6.4
D.O. (ppm): 3.4

Remarks: Control is gravel/stone at downstream end of culvert. Good rating conditions. Physically made a measurement section to facilitate extremely low flow measurement.

Meter units: ft/sec
Flow period: 40 sec

Flow Measurement

Distance from Initial Point (ft)	Width (ft)	Stream Depth (ft)	Velocity at Point (ft/s)	Area (ft^2)	Flow (cfs)
0.0	0.15	0.10	0.35	0.02	0.005
0.3	0.30	0.15	0.13	0.05	0.006
0.6	0.30	0.15	0.03	0.05	0.001
0.9	0.30	0.15	0.02	0.05	0.001
1.2	0.30	0.15	0.00	0.05	0.000
1.5	0.15	0.00	0.00	0.00	0.000

Total flow: **0.01**

North Jackson Company
Flow Measurement Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Location: WBR-002

Date: 8/2/07
Gage Reader: RRE/KHS

Start time: 1010 RP start (ft): 3.10
Finish time: NM RP end (ft): NM
Inst. read: NA

Temperature (°C): 22
Spec. Cond. (µmhos/cm @ 25°C): 276
Conductivity (µmhos): 259
pH (SU): 6.6
D.O. (ppm): NM

Remarks: Flow was concentrated into small section by physically shaping channel. Measurement made after flow stabilized in the new section.

Meter units: ft/sec
Flow Measurement **Flow period:** 40 sec

Distance from Initial Point (ft)	Width (ft)	Stream Depth (ft)	Velocity at Point (ft/s)	Area (ft^2)	Flow (cfs)
0.0	0.20	0.00	0.00	0.00	0.000
0.4	0.40	0.15	0.00	0.06	0.000
0.8	0.25	0.15	0.00	0.04	0.000
0.9	0.25	0.15	0.02	0.04	0.001
1.3	0.40	0.10	0.00	0.04	0.000
1.7	0.20	0.00	0.00	0.00	0.000

Total Flow: **0.001**

North Jackson Company
Flow Measurement Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Location: WBR-003

Date: 8/2/07
Gage Reader: RRE/KHS

Start time: 0930 RP start (ft): 2.46

Finish time: 0935 RP end (ft): 2.46

Inst. read: NA

Temperature (°C): 21
Spec. Cond. (µmhos/cm @ 25°C): 213
Conductivity (µmhos): 195
pH (SU): 6.7
D.O. (ppm): NM

Remarks: Culvert upstream end plugged, probably by beaver activity. Downstream end has small trickle with free fall.

Meter units: ft/sec
Flow period: 40 sec

Flow Measurement

Distance from Initial Point (ft)	Width (ft)	Stream Depth (ft)	Velocity at Point (ft/s)	Area (ft^2)	Flow (cfs)
0.3	0.20	0.00	0.00	0.00	0.000
0.7	0.40	0.20	0.00	0.08	0.000
1.1	0.35	0.20	0.02	0.07	0.001
1.4	0.30	0.20	0.06	0.06	0.004
1.7	0.30	0.20	0.02	0.06	0.001
2.0	0.30	0.20	0.00	0.06	0.000
2.3	0.15	0.00	0.00	0.00	0.000

Total flow: **0.006**

North Jackson Company
Flow Measurement Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Location: MBR-001

Date: 8/2/07
Gage Reader: RRE/KHS

Start time: 0900 RP start (ft): 4.40
Finish time: 0910 RP end (ft): 4.40
Inst. read: NA

Temperature (°C): 19
Spec. Cond. (µmhos/cm @ 25°C): 180
Conductivity (µmhos): 160
pH (SU): 7.3
D.O. (ppm): 6.5

Remarks: Very little grass on control. Good rating conditions.

Meter units: ft/sec
Flow period: 40 sec

Flow Measurement

Distance from Initial Point (ft)	Width (ft)	Stream Depth (ft)	Velocity at Point (ft/s)	Area (ft^2)	Flow (cfs)
0.6	0.20	0.00	0.00	0.00	0.00
1.0	0.35	0.30	0.11	0.11	0.01
1.3	0.30	0.30	0.12	0.09	0.01
1.6	0.30	0.30	0.31	0.09	0.03
1.9	0.30	0.25	0.56	0.08	0.04
2.2	0.30	0.25	0.34	0.08	0.03
2.5	0.30	0.25	0.28	0.08	0.02
2.8	0.30	0.15	0.26	0.05	0.01
3.1	0.15	0.00	0.00	0.00	0.00

Total flow: **0.2**

North Jackson Company
Flow Measurement Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Location: MER-001

Date: 8/2/07
Gage Reader: RRE/KHS

Start time: 1115 RP start (ft): 5.75
Finish time: 1145 RP end (ft): 5.75
Inst. read: NA

Temperature (°C): 21
Spec. Cond. (µmhos/cm @ 25°C): 124
Conductivity (µmhos): 114
pH (SU): 7.6
D.O. (ppm): 7.8

Remarks: Weed growth in bottom of stream. Control is grass causing some backwater.

Meter units: ft/sec
Flow Measurement **Flow period:** 40 sec

Distance from Initial Point (ft)	Width (ft)	Stream Depth (ft)	Velocity at Point (ft/s)	Area (ft^2)	Flow (cfs)
5.0	0.50	0.00	0.00	0.00	0.00
6.0	1.00	0.30	0.20	0.30	0.06
7.0	1.00	0.40	0.48	0.40	0.19
8.0	1.00	0.60	0.22	0.60	0.13
9.0	1.00	0.60	0.24	0.60	0.14
10.0	1.00	0.70	0.16	0.70	0.11
11.0	1.00	0.70	0.46	0.70	0.32
12.0	1.00	0.70	0.45	0.70	0.32
13.0	1.00	0.70	0.59	0.70	0.41
14.0	1.00	0.70	0.54	0.70	0.38
15.0	1.00	0.70	0.59	0.70	0.41
16.0	1.00	0.60	0.30	0.60	0.18
17.0	1.00	0.60	0.54	0.60	0.32
18.0	1.00	0.50	0.41	0.50	0.21
19.0	1.00	0.50	0.53	0.50	0.27
20.0	1.00	0.50	0.56	0.50	0.28
21.0	1.00	0.40	0.41	0.40	0.16
22.0	1.00	0.40	0.26	0.40	0.10
23.0	1.00	0.30	0.36	0.30	0.11
24.0	1.50	0.20	0.24	0.30	0.07
26.0	2.00	0.20	0.06	0.40	0.02
28.0	1.00	0.00	0.00	0.00	0.00

Total Flow: 4.2

North Jackson Company
Flow Measurement Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Location: MER-002

Date: 8/2/07
Gage Reader: RRE/KHS

Start time: 1300 RP start (ft): 1.62

Finish time: 1335 RP end (ft): 1.62

Inst. read: NA

Temperature (°C): 23
Spec. Cond. (µmhos/cm @ 25°C): 162
Conductivity (µmhos): 155
pH (SU): 7.5
D.O. (ppm): 7.7

Remarks: Measurement made under bridge.

Meter units: ft/sec
Flow period: 40 sec

Flow Measurement

Distance from Initial Point (ft)	Width (ft)	Stream Depth (ft)	Velocity at Point (ft/s)	Area (ft^2)	Flow (cfs)
1.0	0.50	0.00	0.00	0.00	0.00
2.0	1.00	0.50	0.02	0.50	0.01
3.0	1.00	0.60	0.08	0.60	0.05
4.0	1.00	1.00	0.05	1.00	0.05
5.0	1.00	1.20	0.06	1.20	0.07
6.0	1.00	1.30	0.23	1.30	0.30
7.0	1.00	1.40	0.16	1.40	0.22
8.0	1.00	1.40	0.24	1.40	0.34
9.0	1.00	1.60	0.16	1.60	0.26
10.0	1.00	1.50	0.24	1.50	0.36
11.0	1.00	1.50	0.16	1.50	0.24
12.0	1.00	1.50	0.16	1.50	0.24
13.0	1.00	1.70	0.16	1.70	0.27
14.0	1.00	1.70	0.18	1.70	0.31
15.0	1.00	1.80	0.27	1.80	0.49
16.0	1.00	1.70	0.27	1.70	0.46
17.0	1.00	1.70	0.12	1.70	0.20
18.0	1.00	1.60	0.18	1.60	0.29
19.0	1.00	1.10	0.13	1.10	0.14
20.0	1.00	1.00	0.10	1.00	0.10
21.0	1.00	0.70	0.16	0.70	0.11
22.0	1.50	0.50	0.08	0.75	0.06
24.0	2.00	0.20	0.00	0.40	0.00
26.0	1.00	0.00	0.00	0.00	0.00

Total Flow: **4.6**

North Jackson Company
Flow Measurement Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Location: MER-003

Date: 8/2/07
Gage Reader: RRE/KHS

Start time: 1355 RP start (ft): 3.89

Finish time: 1425 RP end (ft): 3.89

Inst. read: NA

Temperature (°C): 23
Spec. Cond. (µmhos/cm @ 25°C): 178
Conductivity (µmhos): 172
pH (SU): 7.5
D.O. (ppm): 8.3

Remarks: Lots of weeds growing into streambed.

Meter units: ft/sec
Flow period: 40 sec

Flow Measurement

Distance from Initial Point (ft)	Width (ft)	Stream Depth (ft)	Velocity at Point (ft/s)	Area (ft^2)	Flow (cfs)
0.0	1.00	0.00	0.00	0.00	0.00
2.0	2.00	0.50	0.00	1.00	0.00
4.0	2.00	0.60	0.02	1.20	0.02
6.0	1.50	0.70	0.11	1.05	0.11
7.0	1.00	0.80	0.36	0.80	0.29
8.0	1.00	0.70	0.40	0.70	0.28
9.0	1.00	0.70	0.75	0.70	0.53
10.0	1.00	0.80	0.35	0.80	0.28
11.0	1.00	0.70	0.74	0.70	0.52
12.0	1.00	0.70	0.58	0.70	0.41
13.0	1.00	0.70	0.65	0.70	0.46
14.0	1.00	0.70	0.86	0.70	0.60
15.0	1.00	0.60	0.97	0.60	0.58
16.0	1.00	0.60	0.46	0.60	0.28
17.0	1.00	0.60	0.86	0.60	0.52
18.0	1.00	0.60	0.30	0.60	0.18
19.0	1.00	0.50	0.08	0.50	0.04
20.0	1.00	0.50	0.08	0.50	0.04
21.0	1.00	0.50	0.42	0.50	0.21
22.0	1.00	0.50	0.21	0.50	0.11
23.0	1.00	0.50	0.27	0.50	0.14
24.0	1.50	0.50	0.09	0.75	0.07
26.0	2.00	0.40	0.07	0.80	0.06
28.0	2.00	0.20	0.02	0.40	0.01
30.0	1.00	0.00	0.00	0.00	0.00

Total Flow: **5.7**

North Jackson Company
Flow Measurement Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Location: HMP-002

Date: 8/2/07
Gage Reader: RRE/KHS

Start time: 1250 RP start (ft): NM

Finish time: NA RP end (ft): NM

Inst. read: NA

Temperature (°C):	28
Spec. Cond. (µmhos/cm @ 25°C):	531
Conductivity (µmhos):	564
pH (SU):	7.9
D.O. (ppm):	7.1

Remarks: No flow detected in standing water.

North Jackson Company
Flow Measurement Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Location: WLD-001NW

Date: 8/2/07
Gage Reader: RRE/KHS

Start time: 0955 RP start (ft): NA

Finish time: NA RP end (ft): NA

Inst. read: NA

Temperature (°C): d
Spec. Cond. (µmhos/cm @ 25°C): d
Conductivity (µmhos): d
pH (SU): d
D.O. (ppm): d

Remarks: No water present.

North Jackson Company
Flow Measurement Log

Proj. Name: Humboldt Mill
Weather: Sunny, ~70°s F
Location: WLD-001SE

Date: 8/2/07
Gage Reader: RRE/KHS

Start time: 0945 RP start (ft): 1.18

Finish time: NA RP end (ft): NA

Inst. read: NA

Temperature (°C): 20
Spec. Cond. (µmhos/cm @ 25°C): 283
Conductivity (µmhos): 258
pH (SU): 6.9
D.O. (ppm): 1.1

Remarks: No flow detected. County seems to have cleared the upstream end of culvert but beaver activity has resulted in mud being stuck here again.

E-2

Groundwater Results Summary

Groundwater Quality Data
Compared to Drinking Water Criteria

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	Location	Equipment Blank	Equipment Blank	Field Blank	Field Blank	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	HW-6	HW-6A	HYG-1	KMW-1	KMW-1
				Field ID	EQB-001	EQB-002	FB-001	FB-002	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	Dup	HW-6A	HYG-1	KMW-1	Dup
6/13/06	**Field**																					
	Dissolved Oxygen	mg/L	Tier 1																			
	GW Elevation	ft msl	Tier 1																			
	ORP	mV	Tier 1																			
	pH	S.U.	Tier 1																			
	Specific Conductance	umhos/cm @25 degrees C	Tier 1																			
	Temperature	Celcius	Tier 1																			
6/22/06	**Metal**																					
	Aluminum	ug/L	Tier 1																			
	Aluminum, total	ug/L	Tier 1		3.4	5.7																
	Antimony	ug/L	Tier 1		<0.1 U																	
	Antimony, total	ug/L	Tier 1			<0.13 U																
	Arsenic	ug/L	Tier 1		<0.2 U																	
	Arsenic, total	ug/L	Tier 1			<0.12 U																
	Barium	ug/L	Tier 1		<0.3 U	0.043																
	Barium, total	ug/L	Tier 1																			
	Beryllium	ug/L	Tier 1		**41**																	
	Beryllium, total	ug/L	Tier 1			**37.6**																
	Boron	ug/L	Tier 1		275																	
	Boron, total	ug/L	Tier 1			257																
	Cadmium	ug/L	Tier 1		<0.1 U																	
	Cadmium, total	ug/L	Tier 1			<0.057 U																
	Calcium	ug/L	Tier 1		<20 U																	
	Calcium, total	ug/L	Tier 1			10.4																
	Chromium	ug/L	Tier 1		0.79																	
	Chromium, total	ug/L	Tier 1			0.35																
	Cobalt	ug/L	Tier 1		<0.1 U	0.011																
	Cobalt, total	ug/L	Tier 1																			
	Copper	ug/L	Tier 1																			
	Copper, total	ug/L	Tier 1		0.15	0.11																
	Iron	ug/L	Tier 1		<50 U																	
	Iron, total	ug/L	Tier 1			24																
	Lead	ug/L	Tier 1		<0.1 U	0.031																
	Lead, total	ug/L	Tier 1																			
	Lithium	ug/L	Tier 1		0.85																	
	Lithium, total	ug/L	Tier 1			1.3																
	Magnesium	ug/L	Tier 1		<5 U																	
	Magnesium, total	ug/L	Tier 1			1.4																
	Manganese	ug/L	Tier 1		<0.5 U	0.052																
	Manganese, total	ug/L	Tier 1																			
	Mercury	ug/L	Tier 1		<0.2 U																	
	Mercury, total	ug/L	Tier 1			<0.2 U																
	Molybdenum	ug/L	Tier 1		<0.1 U																	
	Molybdenum, total	ug/L	Tier 1			<0.11 U																
	Nickel	ug/L	Tier 1		<0.1 U	0.13																
	Nickel, total	ug/L	Tier 1																			
	Potassium	ug/L	Tier 1		85.6	26.3																
	Potassium, total	ug/L	Tier 1																			
	Selenium	ug/L	Tier 1		<0.5 U																	
	Selenium, total	ug/L	Tier 1			<0.4 U																
	Silver	ug/L	Tier 1		<0.2 U																	
	Silver, total	ug/L	Tier 1			<0.14 U																
	Sodium	ug/L	Tier 1		2850																	
	Sodium, total	ug/L	Tier 1			4150																
	Zinc	ug/L	Tier 1																			
	Zinc, total	ug/L	Tier 1		3.9	1.5																

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	Location	Equipment Blank	Equipment Blank	Field Blank	Field Blank	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	HW-6	HW-6A	HYG-1	KMW-1	KMW-1
				Field ID	EQB-001	EQB-002	FB-001	FB-002	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	Dup	HW-6A	HYG-1	KMW-1	Dup
	Physical Property																					
	Bicarbonate Alkalinity	mg/L	Tier 1				4.3 B	<3.7 U														
	Carbonate Alkalinity	mg/L	Tier 1				<1.7 U	<3.7 U														
	Chloride	mg/L	Tier 1				4.1 B	4.3 B														
	Cyanide, total	mg/L	Tier 1				<0.0094 U	<0.0094 U														
	Fluoride	mg/L	Tier 1				<0.096 U	0.20 B														
	Nitrogen, Nitrate	mg/L	Tier 1				<0.088 U	<0.088 U														
	Sulfate	mg/L	Tier 1				1.6 B	1.7 B														
	Benzene	ug/L	Tier 1				<0.14 U	<0.14 U														
	Ethylbenzene	ug/l	Tier 1				<0.40 U	<0.40 U														
	Toluene	ug/L	Tier 1				<0.36 U	<0.36 U														
	Xylenes, m + p	ug/L	Tier 1				<0.74 U	<0.74 U														
	xylenes, o	ug/L	Tier 1				<0.36 U	<0.36 U														
	VOC-PAH																					
	Acenaphthene	ug/L	Tier 1				<0.0083 U	<0.0086 U														
	Acenaphthylene	ug/L	Tier 1				<0.0083 U	<0.0085 U														
	Anthracene	ug/L	Tier 1				<0.012 U	<0.012 U														
	Benzo (a) anthracene	ug/L	Tier 1				<0.016 U	<0.016 U														
	Benzo (a) pyrene	ug/L	Tier 1				<0.019 U	<0.019 U														
	Benzo (b) Fluoranthene	ug/L	Tier 1				<0.016 U	<0.016 U														
	Benzo (g,h,i) perylene	ug/L	Tier 1				<0.020 U	<0.020 U														
	Benzo (k) Fluoranthene	ug/l	Tier 1				<0.020 U	<0.020 U														
	Chrysene	ug/L	Tier 1				<0.019 U	<0.020 U														
	Dibenzo (a,h) anthracene	ug/l	Tier 1				<0.019 U	<0.020 U														
	Fluoranthene	ug/L	Tier 1				<0.016 U	<0.016 U														
	Fluorene	ug/L	Tier 1				<0.0092 U	<0.0096 U														
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1				<0.019 U	<0.020 U														
	Napthalene	ug/L	Tier 1				<0.013 U	0.016 J														
	Phenanthrene	ug/L	Tier 1				<0.012 U	<0.012 U														
	Pyrene	ug/L	Tier 1				<0.015 U	<0.015 U														
11/2/06	**Field**																					
	Depth to Water	ft	Tier 1																		9.66	
	Dissolved Oxygen	mg/L	Tier 1																			
	GW Elevation	ft msl	Tier 1																		1579.09	
	ORP	mV	Tier 1																		26	
	pH	S.U.	Tier 1																		6.9	
	Specific Conductance	umhos/cm @25 degrees C	Tier 1																		270	
	Temperature	Celcius	Tier 1																		11	
	Turbidity	NTU	Tier 1																		13	
	Metal																					
	Aluminum	ug/L	Tier 1																		**62**	
	Aluminum, total	ug/L	Tier 1						9.8 B													
	Antimony	ug/L	Tier 1																		<0.24 U	
	Antimony, total	ug/L	Tier 1						<0.24 U													
	Arsenic	ug/L	Tier 1																		7.9	
	Arsenic, total	ug/L	Tier 1						0.15 B													
	Barium	ug/L	Tier 1																		95	
	Barium, total	ug/L	Tier 1						0.12 B													
	Beryllium	ug/L	Tier 1																		<0.10 U	
	Beryllium, total	ug/L	Tier 1						<0.10 U													
	Boron	ug/L	Tier 1																		91	
	Boron, total	ug/L	Tier 1						140													
	Cadmium	ug/L	Tier 1																		<0.14 U	
	Cadmium, total	ug/L	Tier 1						<0.14 U													
	Calcium	ug/L	Tier 1																		33000	

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	Location	Equipment Blank	Equipment Blank	Field Blank	Field Blank	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	HW-6	HW-6A	HYG-1	KMW-1	KMW-1
				Field ID	EQB-001	EQB-002	FB-001	FB-002	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	Dup	HW-6A	HYG-1	KMW-1	Dup
	Calcium, total	ug/L	Tier 1						38 B													
	Chromium	ug/L	Tier 1																		2.2	
	Chromium, total	ug/L	Tier 1						<0.32 U													
	Cobalt	ug/L	Tier 1																		3.4	
	Cobalt, total	ug/L	Tier 1						<0.026 U													
	Copper	ug/L	Tier 1																		0.33 B	
	Copper, total	ug/L	Tier 1						1.6													
	Iron	ug/L	Tier 1																		**9300**	
	Iron, total	ug/L	Tier 1						30 B													
	Lead	ug/L	Tier 1																		0.1 B	
	Lead, total	ug/L	Tier 1						0.32 B													
	Lithium	ug/L	Tier 1																		0.63	
	Lithium, total	ug/L	Tier 1						0.029 B													
	Magnesium	ug/L	Tier 1																		12000	
	Magnesium, total	ug/L	Tier 1						41 B													
	Manganese	ug/L	Tier 1																		**3300**	
	Manganese, total	ug/L	Tier 1						0.46 B													
	Mercury - low level	ng/L	Tier 1						0.24													
	Dissolved	ng/L	Tier 1																		1.2	
	Molybdenum	ug/L	Tier 1																		1.5 B	
	Molybdenum, total	ug/L	Tier 1						<0.61 U													
	Nickel	ug/L	Tier 1																		1.1	
	Nickel, total	ug/L	Tier 1						<0.32 U													
	Potassium	ug/L	Tier 1																		3400	
	Potassium, total	ug/L	Tier 1						11 B													
	Selenium	ug/L	Tier 1																		<0.67 U	
	Selenium, total	ug/L	Tier 1						<0.67 U													
	Silver	ug/L	Tier 1																		<0.034 U	
	Silver, total	ug/L	Tier 1						<0.034 U													
	Sodium	ug/L	Tier 1																		4800	
	Sodium, total	ug/L	Tier 1						2300													
	Thallium	ug/L	Tier 1																		<0.053 U	
	Thallium, total	ug/L	Tier 1						<0.053 U													
	Total Hardness	ug/L	Tier 1						<150 U													
	Vanadium	ug/L	Tier 1																		4.2	
	Vanadium, total	ug/L	Tier 1						0.56 B													
	Zinc	ug/L	Tier 1																		5.6 B	
	Zinc, total	ug/L	Tier 1						<0.98 U													
	Aroclor-1016	ug/L	Tier 1						<0.23 U												<0.23 U	
	Aroclor-1221	ug/L	Tier 1						<0.23 U												<0.23 U	
	Aroclor-1232	ug/L	Tier 1						<0.23 U												<0.23 U	
	Aroclor-1242	ug/L	Tier 1						<0.25 U												<0.23 U	
	Aroclor-1248	ug/L	Tier 1						<0.23 U												<0.23 U	
	Aroclor-1254	ug/L	Tier 1						<0.23 U												<0.23 U	
	Aroclor-1260	ug/L	Tier 1						<0.25 U												<0.23 U	
	Total PCBs	ug/L	Tier 1						<0.25 U												<0.23 U	
	Physical Property																					
	Bicarbonate Alkalinity	mg/L	Tier 1						2.2 B												140	
	Carbonate Alkalinity	mg/L	Tier 1						<1.7 U												<1.7 U	
	Chloride	mg/L	Tier 1						<0.82 U												4.8 B	
	Cyanide, total	mg/L	Tier 1						<0.0094 U												<0.0094 U	
	Fluoride	mg/L	Tier 1						<0.096 U												0.16 B	
	Nitrogen, Ammonia	mg/L	Tier 1						<0.20 U												0.87	
	Nitrogen, Nitrate	mg/L	Tier 1						<0.088 U												<0.088 U	
	Nitrogen, Nitrite	mg/L	Tier 1						<0.040 U												<0.040 U	
	Sulfate	mg/L	Tier 1						<0.77 U												7.9	

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	Location	Equipment Blank	Equipment Blank	Field Blank	Field Blank	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	HW-6	HW-6A	HYG-1	KMW-1	KMW-1
				Field ID	EQB-001	EQB-002	FB-001	FB-002	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	Dup	HW-6A	HYG-1	KMW-1	Dup
	Sulfide	mg/L	Tier 1						<2.5 U												<2.5 U	
	Total Alkalinity	mg/L	Tier 1						2.2												140	
	Total Hardness - Dissolved	mg/l	Tier 1																		130	
11/02/06	**VOC**																					
	1,1,1-Trichloroethane	ug/L	Tier 1						<0.90 U												<0.90 U	
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1						<0.20 U												<0.20 U	
	1,1,2-Trichloroethane	ug/L	Tier 1						<0.42 U												<0.42 U	
	1,1-Dichloroethane	ug/L	Tier 1						<0.75 U												<0.75 U	
	1,1-Dichloroethene	ug/L	Tier 1						<0.57 U												<0.57 U	
	1,2-Dichloroethane	ug/L	Tier 1						<0.36 U												<0.36 U	
	1,2-Dichloroethene, Total	ug/l	Tier 1						<1.4 U												<1.4 U	
	1,2-Dichloropropane	ug/L	Tier 1						<0.46 U												<0.46 U	
	2-Hexanone	ug/L	Tier 1						<1.1 U												<1.1 U	
	4-Methyl-2-pentanone	ug/L	Tier 1						<1.2 U												<1.2 U	
	Acetone	ug/L	Tier 1						<2.3 U												<2.3 U	
	Benzene	ug/L	Tier 1						<0.41 U												<0.41 U	
	Bromodichloromethane	ug/L	Tier 1						<0.56 U												<0.56 U	
	Bromoform	ug/L	Tier 1						<0.94 U												<0.94 U	
	Bromomethane	ug/L	Tier 1						<0.91 U												<0.91 U	
	Carbon Disulfide	ug/L	Tier 1						<0.66 U												<0.66 U	
	Carbon Tetrachloride	ug/L	Tier 1						<0.49 U												<0.49 U	
	Chlorobenzene	ug/L	Tier 1						<0.41 U												<0.41 U	
	Chlorodibromomethane	ug/L	Tier 1						<0.81 U												<0.81 U	
	Chloroethane	ug/L	Tier 1						<0.97 U												<0.97 U	
	Chloroform	ug/L	Tier 1						<0.37 U												<0.37 U	
	Chloromethane	ug/L	Tier 1						<0.24 U												<0.24 U	
	cis-1,3-Dichloropropene	ug/L	Tier 1						<0.19 U												<0.19 U	
	Ethylbenzene	ug/l	Tier 1						<0.54 U												<0.54 U	
	Methel ethyl Ketone	ug/L	Tier 1						<4.3 U												<4.3 U	
	Methylene Chloride	ug/L	Tier 1						3.4												<0.43 U	
	Styrene	ug/L	Tier 1						<0.86 U												<0.86 U	
	Tetrachloroethene	ug/L	Tier 1						<0.45 U												<0.45 U	
	Toluene	ug/L	Tier 1						<0.67 U												<0.67 U	
	trans-1,3-Dichloropropene	ug/L	Tier 1						<0.19 U												<0.19 U	
	Trichloroethene	ug/L	Tier 1						<0.48 U												<0.48 U	
	Vinyl Chloride	ug/L	Tier 1						<0.18 U												<0.18 U	
	Xylenes	ug/l	Tier 1						<2.6 U												<2.6 U	
	VOC-PAH																					
	Acenaphthene	ug/L	Tier 1						<0.0082 U												0.07	
	Acenaphthylene	ug/L	Tier 1						<0.0082 U												0.055	
	Anthracene	ug/L	Tier 1						<0.012 U												0.019 J	
	Benzo (a) anthracene	ug/L	Tier 1						<0.016 U												<0.016 U	
	Benzo (a) pyrene	ug/L	Tier 1						<0.019 U												<0.018 U	
	Benzo (b) Fluoranthene	ug/L	Tier 1						<0.016 U												<0.016 U	
	Benzo (g,h,i) perylene	ug/L	Tier 1						<0.020 U												<0.019 U	
	Benzo (k) Fluoranthene	ug/l	Tier 1						<0.020 U												<0.019 U	
	Chrysene	ug/L	Tier 1						<0.019 U												<0.019 U	
	Dibenzo (a,h) anthracene	ug/l	Tier 1						<0.020 U												<0.019 U	
	Fluoranthene	ug/L	Tier 1						<0.015 U												0.021 J	
	Fluorene	ug/L	Tier 1						<0.0091 U												0.16	
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1						<0.019 U												<0.019 U	
	Napthalene	ug/L	Tier 1						0.016 J												0.095	
	Phenanthrene	ug/L	Tier 1						<0.011 U												0.056	
	Pyrene	ug/L	Tier 1						<0.015 U												0.023 J	
3/5/07	**Field**																					

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	Location	Equipment Blank	Equipment Blank	Field Blank	Field Blank	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	HW-6	HW-6A	HYG-1	KMW-1	KMW-1
				Field ID	EQB-001	EQB-002	FB-001	FB-002	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	Dup	HW-6A	HYG-1	KMW-1	Dup
	Depth to Water	ft	Tier 1																		6.46	
	Dissolved Oxygen	mg/L	Tier 1																		NM	
	GW Elevation	ft msl	Tier 1																		1582.29	
	ORP	mV	Tier 1																		-83	
	pH	S.U.	Tier 1																		6.6	
	Specific Conductance	umhos/cm @25 degrees C	Tier 1																		317	
	Temperature	Celcius	Tier 1																		9	
	Turbidity	NTU	Tier 1																		NM	
	Metal																					
	Aluminum	ug/L	Tier 1																		**61**	**63**
	Aluminum, total	ug/L	Tier 1																			**3100**
	Antimony	ug/L	Tier 1																		<0.24 U	<0.24 U
	Antimony, total	ug/L	Tier 1																			<0.24 U
	Arsenic	ug/L	Tier 1																		8.8	8.8
	Arsenic, total	ug/L	Tier 1																			**10**
	Barium	ug/L	Tier 1																		80	81
	Barium, total	ug/L	Tier 1																			100
	Beryllium	ug/L	Tier 1																		<0.10 U	<0.10 U
	Beryllium, total	ug/L	Tier 1																			0.20 B
	Boron	ug/L	Tier 1																		75	71
	Boron, total	ug/L	Tier 1																			70
	Cadmium	ug/L	Tier 1																		<0.12 U	<0.12 U
	Cadmium, total	ug/L	Tier 1																			<0.12 U
	Calcium	ug/L	Tier 1																		29000	29000
	Calcium, total	ug/L	Tier 1																			29000
	Chromium	ug/L	Tier 1																		2	2
	Chromium, total	ug/L	Tier 1																			6.8
	Cobalt	ug/L	Tier 1																		3.2	3.2
	Cobalt, total	ug/L	Tier 1																			4.4
	Copper	ug/L	Tier 1																		<0.59 U	<0.59 U
	Copper, total	ug/L	Tier 1																			9.7 B
	Iron	ug/L	Tier 1																		**20000**	**21000**
	Iron, total	ug/L	Tier 1																			**21000**
	Lead	ug/L	Tier 1																		<0.049 U	<0.049 U
	Lead, total	ug/L	Tier 1																			**4.3**
	Lithium	ug/L	Tier 1																		0.74	0.64
	Lithium, total	ug/L	Tier 1																			3.1
	Magnesium	ug/L	Tier 1																		12000	12000
	Magnesium, total	ug/L	Tier 1																			12000
	Manganese	ug/L	Tier 1																		**4000**	**4000**
	Manganese, total	ug/L	Tier 1																			**4100**
	Mercury - low level	ng/L	Tier 1																			20.5
	Dissolved	ng/L	Tier 1																		1.2	1.12
	Molybdenum	ug/L	Tier 1																		0.68 B	0.62 B
	Molybdenum, total	ug/L	Tier 1																			1.3 B
	Nickel	ug/L	Tier 1																		0.68 B	0.72 B
	Nickel, total	ug/L	Tier 1																			5.1
	Potassium	ug/L	Tier 1																		2500	2600
	Potassium, total	ug/L	Tier 1																			2900
	Selenium	ug/L	Tier 1																		<0.67 U	<0.67 U
	Selenium, total	ug/L	Tier 1																			<0.67 U
	Silver	ug/L	Tier 1																		<0.068 U	<0.068 U
	Silver, total	ug/L	Tier 1																			0.12 B
	Sodium	ug/L	Tier 1																		3400	3500
	Sodium, total	ug/L	Tier 1																			3500
	Thallium	ug/L	Tier 1																		<0.053 U	<0.053 U

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	Location	Equipment Blank	Equipment Blank	Field Blank	Field Blank	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	HW-6	HW-6A	HYG-1	KMW-1	KMW-1
				Field ID	EQB-001	EQB-002	FB-001	FB-002	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	Dup	HW-6A	HYG-1	KMW-1	Dup
	Thallium, total	ug/L	Tier 1																			<0.053 U
	Total Hardness	ug/L	Tier 1																			120000
	Vanadium	ug/L	Tier 1																		**5.1**	**5.1**
	Vanadium, total	ug/L	Tier 1																			**13**
	Zinc	ug/L	Tier 1																		5.0 B	5.3 B
	Zinc, total	ug/L	Tier 1																			12
3/5/07	**PCB's**																					
	Aroclor-1016	ug/L	Tier 1																		<0.12 U	<0.12 U
	Aroclor-1221	ug/L	Tier 1																		<0.12 U	<0.12 U
	Aroclor-1232	ug/L	Tier 1																		<0.12 U	<0.12 U
	Aroclor-1242	ug/L	Tier 1																		<0.12 U	**2.5**
	Aroclor-1248	ug/L	Tier 1																		<0.12 U	<0.12 U
	Aroclor-1254	ug/L	Tier 1																		<0.12 U	<0.12 U
	Aroclor-1260	ug/L	Tier 1																		<0.12 U	<0.12 U
	Total PCBs	ug/L	Tier 1																		<0.12 U	**2.5**
	Physical Property																					
	Bicarbonate Alkalinity	mg/L	Tier 1																		140	150
	Carbonate Alkalinity	mg/L	Tier 1																		<1.7 U	<1.7 U
	Chloride	mg/L	Tier 1																		4.7 B	4.3 B
	Cyanide, total	mg/L	Tier 1																		<0.0094 U	<0.0094 U
	Fluoride	mg/L	Tier 1																		0.23 B	0.21 B
	Nitrogen, Ammonia	mg/L	Tier 1																		1.2	1.2
	Nitrogen, Nitrate	mg/L	Tier 1																		<0.085 U	<0.085 U
	Nitrogen, Nitrite	mg/L	Tier 1																		<0.036 U	<0.036 U
	Sulfate	mg/L	Tier 1																		2.5 B	2.2 B
	Sulfide	mg/L	Tier 1																		<2.5 U	<2.5 U
	Total Alkalinity	mg/L	Tier 1																		140	150
	Total Hardness - Dissolved	mg/l	Tier 1																		120	120
	VOC																					
	1,1,1-Trichloroethane	ug/L	Tier 1																		<0.90 U	<0.90 U
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1																		<0.20 U	<0.20 U
	1,1,2-Trichloroethane	ug/L	Tier 1																		<0.42 U	<0.42 U
	1,1-Dichloroethane	ug/L	Tier 1																		<0.75 U	<0.75 U
	1,1-Dichloroethene	ug/L	Tier 1																		<0.57 U	<0.57 U
	1,2-Dichloroethane	ug/L	Tier 1																		<0.36 U	<0.36 U
	1,2-Dichloroethene, Total	ug/l	Tier 1																		<1.4 U	<1.4 U
	1,2-Dichloropropane	ug/L	Tier 1																		<0.46 U	<0.46 U
	2-Hexanone	ug/L	Tier 1																		<1.1 U	<1.1 U
	4-Methyl-2-pentanone	ug/L	Tier 1																		<1.2 U	<1.2 U
	Acetone	ug/L	Tier 1																		6.6	5.6
	Benzene	ug/L	Tier 1																		<0.41 U	<0.41 U
	Bromodichloromethane	ug/L	Tier 1																		<0.56 U	<0.56 U
	Bromoform	ug/L	Tier 1																		<0.94 U	<0.94 U
	Bromomethane	ug/L	Tier 1																		<0.91 U	<0.91 U
	Carbon Disulfide	ug/L	Tier 1																		<0.66 U	<0.66 U
	Carbon Tetrachloride	ug/L	Tier 1																		<0.49 U	<0.49 U
	Chlorobenzene	ug/L	Tier 1																		<0.41 U	<0.41 U
	Chlorodibromomethane	ug/L	Tier 1																		<0.81 U	<0.81 U
	Chloroethane	ug/L	Tier 1																		<0.97 U	<0.97 U
	Chloroform	ug/L	Tier 1																		<0.37 U	<0.37 U
	Chloromethane	ug/L	Tier 1																		<0.24 U	<0.24 U
	cis-1,3-Dichloropropene	ug/L	Tier 1																		<0.19 U	<0.19 U
	Ethylbenzene	ug/l	Tier 1																		<0.54 U	<0.54 U
	Methel ethyl Ketone	ug/L	Tier 1																		<4.3 U	<4.3 U
	Methylene Chloride	ug/L	Tier 1																		<0.43 U	<0.43 U

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	Location	Equipment Blank	Equipment Blank	Field Blank	Field Blank	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	HW-6	HW-6A	HYG-1	KMW-1	KMW-1
				Field ID	EQB-001	EQB-002	FB-001	FB-002	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	Dup	HW-6A	HYG-1	KMW-1	Dup
	Styrene	ug/L	Tier 1																		<0.86 U	<0.86 U
	Tetrachloroethene	ug/L	Tier 1																		<0.45 U	<0.45 U
	Toluene	ug/L	Tier 1																		1	1
	trans-1,3-Dichloropropene	ug/L	Tier 1																		<0.19 U	<0.19 U
	Trichloroethene	ug/L	Tier 1																		<0.48 U	<0.48 U
	Vinyl Chloride	ug/L	Tier 1																		<0.18 U	<0.18 U
	Xylenes	ug/l	Tier 1																		<2.6 U	<2.6 U
	VOC-PAH																					
	Acenaphthene	ug/L	Tier 1																		0.032 J	0.036 J
	Acenaphthylene	ug/L	Tier 1																		0.033 J	0.013 J
	Anthracene	ug/L	Tier 1																		0.016 J	0.017 J
	Benzo (a) anthracene	ug/L	Tier 1																		<0.017 U	<0.017 U
	Benzo (a) pyrene	ug/L	Tier 1																		<0.020 U	<0.020 U
	Benzo (b) Fluoranthene	ug/L	Tier 1																		<0.017 U	<0.017 U
	Benzo (g,h,i) perylene	ug/L	Tier 1																		<0.022 U	<0.021 U
	Benzo (k) Fluoranthene	ug/l	Tier 1																		<0.022 U	<0.021 U
	Chrysene	ug/L	Tier 1																		<0.021 U	<0.021 U
	Dibenzo (a,h) anthracene	ug/l	Tier 1																		<0.021 U	<0.021 U
	Fluoranthene	ug/L	Tier 1																		0.024 J	0.022 J
	Fluorene	ug/L	Tier 1																		0.11	0.1
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1																		<0.021 U	<0.021 U
	Napthalene	ug/L	Tier 1																		0.12	0.14
	Phenanthrene	ug/L	Tier 1																		0.052 J	0.051 J
	Pyrene	ug/L	Tier 1																		0.029 J	0.030 J
5/9/07	**Field**																					
	Depth to Water	ft	Tier 1																		4.57	
	GW Elevation	ft msl	Tier 1																		1584.18	
6/5/07	**Field**																					
	Depth to Water	ft	Tier 1							6.2	6.12	8.71	35.62	29.35	6.54	6.47	4.24		3.67	7.83	5.42	
	Dissolved Oxygen	mg/L	Tier 1							0.01	4	0.6	<0.005	0.5	<0.005	3.5	0.1		0.5	3.5	<0.005	
	GW Elevation	ft msl	Tier 1							1535.66	1535.7	1536.28	1549.23	1552.67	1536.49	1536.83	1533.39		1533.91	1535.6	1583.33	
	ORP	mV	Tier 1							-103	72.9	-180	-6.9	177	-286	142	-153		-130	177	-71	
	pH	S.U.	Tier 1							7.39	8.35	8	6	6.9	8.31	7.9	7.6		8.2	7.49	6.4	
	Specific Conductance	umhos/cm @25 degrees C	Tier 1							513	491	491.2	152	541	515	543	495.6		447.3	555	282	
	Temperature	Celcius	Tier 1							8.79	6.79	8.9	9.27	13.8	8.94	8.21	10.3		11.2	7.09	15.7	
	Metal																					
	Aluminum	ug/L	Tier 1						7.0 B	5.2 B	<4.4 U	<4.4 U	**150**	5.1 B	<4.4 U	4.9 B	5.7 B	6.3 B	6.8 B	9.2 B	**650**	
	Antimony	ug/L	Tier 1						0.15 B	<0.10 U	**6.8**	**6.1**	0.13 B	<0.10 U	<0.10 U	**9.3**	<0.10 U	<0.10 U	4.8	**9.6**	<0.10 U	
	Arsenic	ug/L	Tier 1						0.11 B	0.82 B	0.23 B	0.38 B	0.59 B	3.4	3.2	0.33 B	4.4	4.2	0.15 B	0.48 B	8.1	
	Barium	ug/L	Tier 1						0.41 B	16	48	16	9	150	82	48	36	35	37	55	86	
	Beryllium	ug/L	Tier 1						0.11 B	<0.070 U	<0.070 U	<0.070 U	0.14 B	<0.070 U	<0.070 U	<0.070 U	<0.070 U	<0.070 U	<0.070 U	<0.070 U	0.070 B	
	Boron	ug/L	Tier 1						210	91	66	74	9.3 B	73	98	63	73	66	96	55	92	
	Cadmium	ug/L	Tier 1						<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	
	Calcium	ug/L	Tier 1						52 B	56000	46000	59000	4200	56000	48000	55000	63000	64000	47000	57000	22000	
	Chromium	ug/L	Tier 1						<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	0.51 B	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	3.1	
	Cobalt	ug/L	Tier 1						<0.059 U	1.9	2.5	2	4.9	0.060 B	0.37 B	3.2	0.42 B	0.43 B	0.64 B	3.5	4.2	
	Copper	ug/L	Tier 1						1.6	0.71 B	3.9	0.78 B	20	<0.12 U	<0.12 U	0.67 B	<0.12 U	<0.12 U	0.59 B	1.4	2	
	Iron	ug/L	Tier 1						12 B	**640**	**3500**	**980**	**7200**	**39000**	**2500**	**810**	**3000**	**2900**	**960**	200	**23000**	
	Lead	ug/L	Tier 1						0.20 B	<0.044 U	0.55 B	0.15 B	0.24 B	**15**	<0.044 U	0.050 B	<0.044 U	<0.044 U	<0.044 U	<0.044 U	1.2	
	Lithium	ug/L	Tier 1						<0.050 U	2.7	<0.050 U	1	1.8	2.8	3.4	<0.050 U	4.4	4.3	<0.050 U	<0.050 U	0.95	
	Magnesium	ug/L	Tier 1						<53 U	23000	26000	25000	2100	28000	24000	26000	21000	21000	23000	26000	10000	
	Manganese	ug/L	Tier 1						1	**330**	29	**290**	**61**	**850**	**350**	9.9	**350**	**330**	27	26	**4100**	
	Mercury - low level	ng/L	Tier 1						0.212	0.639	1.01	1.41	0.783	0.456 B	0.384 B	0.639	0.257 B	0.378 B	0.578	0.994	9.56	
	Molybdenum	ug/L	Tier 1						0.49 B	5.1 B	9.4 B	9.0 B	<0.12 U	0.37 B	10 B	9.1 B	3.4 B	3.5 B	10	11	0.94 B	
	Nickel	ug/L	Tier 1						0.27 B	3.3	0.76 B	0.94 B	20	1.3	0.94 B	23	0.72 B	0.72 B	<0.075 U	0.71 B	1.2	

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	Location	Equipment Blank	Equipment Blank	Field Blank	Field Blank	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	HW-6	HW-6A	HYG-1	KMW-1	KMW-1
				Field ID	EQB-001	EQB-002	FB-001	FB-002	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	Dup	HW-6A	HYG-1	KMW-1	Dup
	Potassium	ug/L	Tier 1						71 B	3500	7100	6000	1300	5700	6600	8400	3600	3400	9400	9000	3200	
	Selenium	ug/L	Tier 1						0.31 B	0.19 B	0.40 B	<0.15 U	0.57 B	0.27 B	0.19 B	0.39 B	0.49 B	0.52 B	<0.15 U	0.55 B	0.47 B	
	Silver	ug/L	Tier 1						<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	
	Sodium	ug/L	Tier 1						2800	17000	15000	14000	13000	5200	16000	14000	17000	16000	12000	15000	3400	
	Thallium	ug/L	Tier 1						0.040 B	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	
	Total Hardness	ug/L	Tier 1						<150 U	230000	220000	250000	19000	250000	220000	240000	240000	250000	210000	250000	97000	
	Vanadium	ug/L	Tier 1						<0.41 U	<0.41 U	<0.41 U	<0.41 U	0.67 B	0.91 B	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	0.55 B	**6.4**	
	Zinc	ug/L	Tier 1						2.8 B	4.0 B	<2.1 U	<2.1 U	12	2.2 B	<2.1 U	<2.1 U	<2.1 U	<2.1 U	<2.1 U	<2.1 U	2.9 B	
	Physical Property																					
	Bicarbonate Alkalinity	mg/L	Tier 1						<3.2 U	120	100	120	15	260	120	110	150	150	110	110	110	
	Carbonate Alkalinity	mg/L	Tier 1						<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	
	Chloride	mg/L	Tier 1						3.5 B	12	11	12	12	6.2	14	12	13	13	11	12	4.6 B	
	Cyanide, total	mg/L	Tier 1						<0.0060 U	U	U	U	U	U	U	U	U	U	U	U	<0.0060 U	
	Fluoride	mg/L	Tier 1						0.13 B	0.24 B	0.27 B	0.27 B	0.21 B	0.22 B	0.25 B	0.29 B	0.22 B	0.22 B	0.31 B	0.30 B	0.21 B	
	Nitrogen, Ammonia	mg/L	Tier 1						<0.50 U	<0.50 U	<0.50 U	<0.50 U	<0.50 U	1.3	<0.50 U	<0.50 U	<0.50 U	<0.50 U	<0.50 U	<0.50 U	1.3	
	Nitrogen, Nitrate	mg/L	Tier 1						<0.085 U	0.45	1.3	0.95	<0.085 U	<0.085 U	<0.085 U	2	<0.085 U	<0.085 U	0.42	2	<0.085 U	
	Nitrogen, Nitrite	mg/L	Tier 1						<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	
	Sulfate	mg/L	Tier 1						<0.51 U	120	120	130	29	8.5	130	140	110	110	120	140	10	
	Sulfide	mg/L	Tier 1						<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U		
	Total Alkalinity	mg/L	Tier 1						<3.2 U	120	100	120	15	260	120	110	150	150	110	110	110	
	VOC																					
	1,1,1-Trichloroethane	ug/L	Tier 1						<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U		
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1						<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U		
	1,1,2-Trichloroethane	ug/L	Tier 1						<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		
	1,1-Dichloroethane	ug/L	Tier 1						<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U		
	1,1-Dichloroethene	ug/L	Tier 1						<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U		
	1,2-Dichloroethane	ug/L	Tier 1						<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U		
	1,2-Dichloroethene, Total	ug/l	Tier 1						<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U		
	1,2-Dichloropropane	ug/L	Tier 1						<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U		
	2-Hexanone	ug/L	Tier 1						<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U		
	4-Methyl-2-pentanone	ug/L	Tier 1						<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U		
	Acetone	ug/L	Tier 1						<2.3 U	<2.3 U	<2.3 U	2.6 J	<2.3 U	<2.3 U	<2.3 U	<2.3 U	5.4	5.3	<2.3 U	<2.3 U		
	Benzene	ug/L	Tier 1						<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.14 U	
	Bromodichloromethane	ug/L	Tier 1						<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U		
	Bromoform	ug/L	Tier 1						<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U		
	Bromomethane	ug/L	Tier 1						<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U		
	Carbon Disulfide	ug/L	Tier 1						<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U		
	Carbon Tetrachloride	ug/L	Tier 1						<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U		
	Chlorobenzene	ug/L	Tier 1						<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U		
	Chlorodibromomethane	ug/L	Tier 1						<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U		
	Chloroethane	ug/L	Tier 1						<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U		
	Chloroform	ug/L	Tier 1						<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	1.6	<0.37 U		
	Chloromethane	ug/L	Tier 1						<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	0.28 J	<0.24 U	<0.24 U	<0.24 U	<0.24 U		
	cis-1,3-Dichloropropene	ug/L	Tier 1						<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U		
	Ethylbenzene	ug/l	Tier 1						<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.40 U	
	Methel ethyl Ketone	ug/L	Tier 1						<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U		
	Methylene Chloride	ug/L	Tier 1						<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U		
	Styrene	ug/L	Tier 1						<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U		
	Tetrachloroethene	ug/L	Tier 1						<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U		
	Toluene	ug/L	Tier 1						<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	0.73 J	0.85 J	0.91 J	1	1	1	<0.67 U	1.2	
	trans-1,3-Dichloropropene	ug/L	Tier 1						<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U		
	Trichloroethene	ug/L	Tier 1						<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U		
	Vinyl Chloride	ug/L	Tier 1						<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U		
	Xylenes	ug/l	Tier 1						<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U		
	Xylenes, m + p	ug/L	Tier 1						<0.74 U												<0.74 U	
	xylenes, o	ug/L	Tier 1						<0.36 U												<0.36 U	

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	Location	Equipment Blank	Equipment Blank	Field Blank	Field Blank	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	HW-6	HW-6A	HYG-1	KMW-1	KMW-1
				Field ID	EQB-001	EQB-002	FB-001	FB-002	Field Blank	HW-1	HW-1A	HW-2	HW-3	HW-4	HW-5	HW-5A	HW-6	Dup	HW-6A	HYG-1	KMW-1	Dup
	VOC-PAH																					
	Acenaphthene	ug/L	Tier 1						<0.0086 U													
	Acenaphthylene	ug/L	Tier 1						<0.0085 U													
	Anthracene	ug/L	Tier 1						<0.012 U													
	Benzo (a) anthracene	ug/L	Tier 1						<0.016 U													
	Benzo (a) pyrene	ug/L	Tier 1						<0.019 U													
	Benzo (b) Fluoranthene	ug/L	Tier 1						<0.016 U													
	Benzo (g,h,i) perylene	ug/L	Tier 1						<0.020 U													
	Benzo (k) Fluoranthene	ug/l	Tier 1						<0.020 U													
	Chrysene	ug/L	Tier 1						<0.020 U													
	Dibenzo (a,h) anthracene	ug/l	Tier 1						<0.020 U													
	Fluoranthene	ug/L	Tier 1						<0.016 U													
	Fluorene	ug/L	Tier 1						<0.0095 U													
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1						<0.020 U													
	Napthalene	ug/L	Tier 1						<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	0.47 J	
	Phenanthrene	ug/L	Tier 1						<0.012 U													
	Pyrene	ug/L	Tier 1						<0.015 U													
8/2/07	Depth to Water	ft	Tier 1							6.38	6.16	8.71	35.88	29.56	6.62	6.54	4.47		3.89	8.33	8.39	
	GW Elevation	ft msl	Tier 1							1535.48	1535.66	1536.28	1548.97	1552.46	1536.41	1536.76	1533.16		1533.69	1535.1	1580.36	

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	KMW-10	KMW-2	KMW-3	KMW-3	KMW-4	KMW-5	KMW-5	KMW-6A	KMW-6A	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-101	MW-101	MW-102	MW-103
				KMW-10	KMW-2	KMW-3	Dup	KMW-4	KMW-5	Dup	KMW-6A	Dup	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-101	Dup	MW-102	MW-103
6/13/06	**Field**																				
	Dissolved Oxygen	mg/L	Tier 1															<0.001			<0.001
	GW Elevation	ft msl	Tier 1																		
	ORP	mV	Tier 1															13		489	-43
	pH	S.U.	Tier 1															6.7		2.4	6.8
	Specific Conductance	umhos/cm @25 degrees C	Tier 1															410		8000	409
	Temperature	Celcius	Tier 1															8.3		19	8.8
6/22/06	**Metal**																				
	Aluminum	ug/L	Tier 1															33.6	32.4		7.6
	Aluminum, total	ug/L	Tier 1																	**154000**	
	Antimony	ug/L	Tier 1															<0.1 U	<0.1 U		<0.1 U
	Antimony, total	ug/L	Tier 1																	3	
	Arsenic	ug/L	Tier 1															**22.1**	**21.9**		**13.8**
	Arsenic, total	ug/L	Tier 1																	**363**	
	Barium	ug/L	Tier 1															79.3	78.7		116
	Barium, total	ug/L	Tier 1																	1.3	
	Beryllium	ug/L	Tier 1															**13.2**	**12.8**		**6.9**
	Beryllium, total	ug/L	Tier 1																	**73.1**	
	Boron	ug/L	Tier 1															77.3	90.3		40.2
	Boron, total	ug/L	Tier 1																	64.3	
	Cadmium	ug/L	Tier 1															<0.1 U	<0.1 U		<0.1 U
	Cadmium, total	ug/L	Tier 1																	**34**	
	Calcium	ug/L	Tier 1															29600	32700		65300
	Calcium, total	ug/L	Tier 1																	272000	
	Chromium	ug/L	Tier 1															12.4	10.1		8.8
	Chromium, total	ug/L	Tier 1																	**3600**	
	Cobalt	ug/L	Tier 1															0.17	0.17		0.23
	Cobalt, total	ug/L	Tier 1																	**3010**	
	Copper	ug/L	Tier 1															<0.2 U			0.53
	Copper, total	ug/L	Tier 1																0.17	**3920**	
	Iron	ug/L	Tier 1															**34700**	**35200**		**77600**
	Iron, total	ug/L	Tier 1																	**2080000**	
	Lead	ug/L	Tier 1															<0.1 U			<0.1 U
	Lead, total	ug/L	Tier 1																0.058	0.91	
	Lithium	ug/L	Tier 1															0.5	0.49		0.99
	Lithium, total	ug/L	Tier 1																	**366**	
	Magnesium	ug/L	Tier 1															8320	8300		23700
	Magnesium, total	ug/L	Tier 1																	173000	
	Manganese	ug/L	Tier 1															**6000**	**6280**		**6300**
	Manganese, total	ug/L	Tier 1																	**15100**	
	Mercury	ug/L	Tier 1															<0.2 U	<0.2 U		<0.2 U
	Mercury, total	ug/L	Tier 1																	<0.2 U	
	Molybdenum	ug/L	Tier 1															0.96	0.92		0.56
	Molybdenum, total	ug/L	Tier 1																	2.2	
	Nickel	ug/L	Tier 1															0.21	0.28		0.62
	Nickel, total	ug/L	Tier 1																	**8010**	
	Potassium	ug/L	Tier 1															3860	3900		4000
	Potassium, total	ug/L	Tier 1																	<20 U	
	Selenium	ug/L	Tier 1																		
	Selenium, total	ug/L	Tier 1															0.38	0.39	<50 U	0.31
	Silver	ug/L	Tier 1															<0.2 U	<0.2 U		<0.2 U
	Silver, total	ug/L	Tier 1																	0.36	
	Sodium	ug/L	Tier 1															7100	7080		6230
	Sodium, total	ug/L	Tier 1																	1600	
	Zinc	ug/L	Tier 1																<5 U		<5 U
	Zinc, total	ug/L	Tier 1															3.6		**3710**	

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	KMW-10	KMW-2	KMW-3	KMW-3	KMW-4	KMW-5	KMW-5	KMW-6A	KMW-6A	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-101	MW-101	MW-102	MW-103
				KMW-10	KMW-2	KMW-3	Dup	KMW-4	KMW-5	Dup	KMW-6A	Dup	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-101	Dup	MW-102	MW-103
	Physical Property																				
	Bicarbonate Alkalinity	mg/L	Tier 1															460	160	<1.7 U	100
	Carbonate Alkalinity	mg/L	Tier 1															<1.7 U	<1.7 U	<1.7 U	<1.7 U
	Chloride	mg/L	Tier 1															4.4 B	4.2 B	7.7	4.4 B
	Cyanide, total	mg/L	Tier 1															<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U
	Fluoride	mg/L	Tier 1															0.40 B	0.39 B	1.2	0.21 B
	Nitrogen, Nitrate	mg/L	Tier 1															<0.088 U	<0.088 U	0.26 B	<0.088 U
	Sulfate	mg/L	Tier 1															1.6 B	<0.77 U	**7700**	**270**
	Benzene	ug/L	Tier 1															0.20 J	0.19 J	<0.14 U	<0.14 U
	Ethylbenzene	ug/l	Tier 1															1.1	1	<0.40 U	<0.40 U
	Toluene	ug/L	Tier 1															<0.36 U	<0.36 U	0.60 J	<0.36 U
	Xylenes, m + p	ug/L	Tier 1															<0.74 U	<0.74 U	<0.74 U	<0.74 U
	xylenes, o	ug/L	Tier 1															<0.36 U	<0.36 U	<0.36 U	<0.36 U
	VOC-PAH																				
	Acenaphthene	ug/L	Tier 1															0.76	0.56	<0.0082 U	<0.0082 U
	Acenaphthylene	ug/L	Tier 1															0.077	0.072	<0.0081 U	<0.0081 U
	Anthracene	ug/L	Tier 1															0.018 J	0.018 J	<0.012 U	<0.012 U
	Benzo (a) anthracene	ug/L	Tier 1															<0.016 U	<0.016 U	<0.016 U	<0.016 U
	Benzo (a) pyrene	ug/L	Tier 1															<0.018 U	<0.018 U	<0.018 U	<0.018 U
	Benzo (b) Fluoranthene	ug/L	Tier 1															<0.016 U	<0.016 U	<0.016 U	<0.016 U
	Benzo (g,h,i) perylene	ug/L	Tier 1															<0.019 U	<0.019 U	<0.019 U	<0.019 U
	Benzo (k) Fluoranthene	ug/l	Tier 1															<0.019 U	<0.019 U	<0.019 U	<0.019 U
	Chrysene	ug/L	Tier 1															<0.019 U	<0.019 U	<0.019 U	<0.019 U
	Dibenzo (a,h) anthracene	ug/l	Tier 1															<0.019 U	<0.019 U	<0.019 U	<0.019 U
	Fluoranthene	ug/L	Tier 1															<0.015 U	<0.015 U	0.039 J	<0.015 U
	Fluorene	ug/L	Tier 1															0.34	0.34	<0.0091 U	<0.0091 U
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1															<0.019 U	<0.019 U	<0.019 U	<0.019 U
	Napthalene	ug/L	Tier 1															0.65	0.44	0.018 J	<0.012 U
	Phenanthrene	ug/L	Tier 1															0.06	0.06	0.025 J	<0.011 U
	Pyrene	ug/L	Tier 1															<0.015 U	<0.015 U	0.039 J	<0.015 U
11/2/06	**Field**																				
	Depth to Water	ft	Tier 1	8.22	7.65	17.37		28.75	42.38		42.14		25.67		25.27	25.37		7.83		7.75	9.43
	Dissolved Oxygen	mg/L	Tier 1	<0.05		<0.001		<0.005	1		<0.001		<0.005			<0.005		<0.001			<0.001
	GW Elevation	ft msl	Tier 1	1588.7	1581.54	1573.21		1557.87	1555.5		1556.33		1556.83		1556.13	1556.1		1592.58		1589.07	1586.61
	ORP	mV	Tier 1	-14	-24	-62		22	-62		49		56		90	-6		-86			-87
	pH	S.U.	Tier 1	6.6	7.2	6.5		6.9	6.6		6.5		6.2		6.5	6.7		6.6			6.6
	Specific Conductance	umhos/cm @25 degrees C	Tier 1	217	345	512		364	442		1036		1330		441	1547		368			11
	Temperature	Celcius	Tier 1	10	11	9.6		8.5	11		12		10		11	8.6		12			11
	Turbidity	NTU	Tier 1	6	15	11		5	7		9		6		2	4		13			9
	Metal																				
	Aluminum	ug/L	Tier 1	9.0 B	16 B	<6.3 U	<6.3 U	12 B	8.9 B		26 B		23 B	26 B	16 B	<6.3 U		37 B		**400000**	13 B
	Aluminum, total	ug/L	Tier 1																		
	Antimony	ug/L	Tier 1	0.30 B	<0.24 U	<0.24 U	<0.24 U	<0.24 U	0.45 B		<0.24 U		<0.24 U	<0.24 U	<0.24 U	<0.24 U		<0.24 U		8.9 B	<0.24 U
	Antimony, total	ug/L	Tier 1																		
	Arsenic	ug/L	Tier 1	3.6	**24**	7.7	7.6	1.4	0.95 B		**12**		4.4	4.6	3.8	3.4		**31**		**5600**	**14**
	Arsenic, total	ug/L	Tier 1																		
	Barium	ug/L	Tier 1	29	130	110	110	65	27		130		60	60	130	55		81		1.9 B	83
	Barium, total	ug/L	Tier 1																		
	Beryllium	ug/L	Tier 1	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U		<0.10 U		0.18 B	0.18 B	0.26 B	<0.10 U		<0.10 U		**29**	<0.10 U
	Beryllium, total	ug/L	Tier 1																		
	Boron	ug/L	Tier 1	56	42	46	46	61	58		110		81	81	62	79		84		220	45
	Boron, total	ug/L	Tier 1																		
	Cadmium	ug/L	Tier 1	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U		<0.14 U		<0.14 U	<0.14 U	<0.14 U	<0.14 U		<0.14 U		**49**	<0.14 U
	Cadmium, total	ug/L	Tier 1																		
	Calcium	ug/L	Tier 1	22000	46000	50000	50000	44000	43000		100000		120000	120000	49000	170000		33000		320000	52000

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	KMW-10	KMW-2	KMW-3	KMW-3	KMW-4	KMW-5	KMW-5	KMW-6A	KMW-6A	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-101	MW-101	MW-102	MW-103
				KMW-10	KMW-2	KMW-3	Dup	KMW-4	KMW-5	Dup	KMW-6A	Dup	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-101	Dup	MW-102	MW-103
	Calcium, total	ug/L	Tier 1																		
	Chromium	ug/L	Tier 1	0.37 B	<0.32 U	0.34 B	0.42 B	<0.32 U	0.69 B		2		1.6	1.8	1.3	0.87 B		1.8		**8000**	1.4
	Chromium, total	ug/L	Tier 1																		
	Cobalt	ug/L	Tier 1	2.5	1.3	1.8	1.7	3.3	**67**		14		**120**	**120**	11	17		0.22 B		**6400**	0.31 B
	Cobalt, total	ug/L	Tier 1																		
	Copper	ug/L	Tier 1	0.3 B	<0.15 U	0.15 B	0.65 B	0.46 B	1		0.33 B		0.22 B	0.31 B	0.44 B	0.25 B		0.23 B		**10000**	<0.15 U
	Copper, total	ug/L	Tier 1																		
	Iron	ug/L	Tier 1	**3800**	**10000**	**23000**	**23000**	**4700**	**6100**		**73000**		**170000**	**170000**	**8000**	**160000**		**37000**		**5100000**	**57000**
	Iron, total	ug/L	Tier 1																		
	Lead	ug/L	Tier 1	0.05 B	<0.049 U	<0.049 U	<0.049 U	<0.049 U	0.8 B		0.18 B		0.19 B	0.17 B	0.15 B	0.05 B		<0.049 U		6.2 B	<0.049 U
	Lead, total	ug/L	Tier 1																		
	Lithium	ug/L	Tier 1	2.4	2	2.2	2.4	0.57	10		0.63		4.9	4.8	0.97	5.9		0.63		**450**	1
	Lithium, total	ug/L	Tier 1																		
	Magnesium	ug/L	Tier 1	11000	14000	21000	21000	16000	21000		42000		60000	62000	21000	73000		8600		320000	18000
	Magnesium, total	ug/L	Tier 1																		
	Manganese	ug/L	Tier 1	**2000**	**3900**	**5700**	**5600**	**4900**	**2300**		**17000**		**21000**	**22000**	**8700**	**27000**		**6800**		**17000**	**4500**
	Manganese, total	ug/L	Tier 1																		
	Mercury - low level	ng/L	Tier 1								1.01										
	Dissolved	ng/L	Tier 1	0.75	0.19 B	0.46 B	0.5	0.6	<0.18 U				0.29 B	<0.18 U	0.47 B	0.20 B		0.545		9.6	0.418 B
	Molybdenum	ug/L	Tier 1	4.8 B	4.2 B	1.3 B	1.2 B	2.4 B	3.2 B		4.2 B		<6.1 U	<6.1 U	2.7 B	1.9 B		1.4		<61 U	0.65 B
	Molybdenum, total	ug/L	Tier 1																		
	Nickel	ug/L	Tier 1	2.5	1.5	0.66 B	0.69 B	4.7	7.4		44		84	85	13	1.5		0.41 B		**14000**	0.47 B
	Nickel, total	ug/L	Tier 1																		
	Potassium	ug/L	Tier 1	3500	3500	3300	3400	3600	4600		3800		7000	7200	3700	7000		4300		<57 U	3700
	Potassium, total	ug/L	Tier 1																		
	Selenium	ug/L	Tier 1	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U		<0.67 U		<0.67 U	1.1	<0.67 U	1.2		<0.67 U		21	<0.67 U
	Selenium, total	ug/L	Tier 1																		
	Silver	ug/L	Tier 1	<0.034 U	<0.034 U	<0.034 U	<0.034 U	<0.034 U	<0.034 U		<0.034 U		<0.034 U	<0.034 U	<0.034 U	<0.034 U		<0.034 U		<0.34 U	<0.034 U
	Silver, total	ug/L	Tier 1																		
	Sodium	ug/L	Tier 1	2200	5400	4400	4300	4300	4800		7100		6400	6400	3900	6900		6800		4100 B	5200
	Sodium, total	ug/L	Tier 1																		
	Thallium	ug/L	Tier 1	<0.053 U	<0.053 U	<0.053 U	<0.053 U	<0.053 U	<0.053 U		<0.053 U		<0.053 U	<0.053 U	<0.053 U	<0.053 U		<0.053 U		<0.53 U	<0.053 U
	Thallium, total	ug/L	Tier 1																		
	Total Hardness	ug/L	Tier 1																		
	Vanadium	ug/L	Tier 1	0.88 B	0.69 B	0.66 B	0.65 B	0.45 B	0.48 B		3.2		**4.8**	**4.9**	1.8	1.2		3.5		**220**	2.6
	Vanadium, total	ug/L	Tier 1																		
	Zinc	ug/L	Tier 1	4.8 B	5.8 B	5.4 B	5.1 B	15	10		7.6 B		9.1 B	13	57	5.4 B		2.9 B		**5800**	<0.98 U
	Zinc, total	ug/L	Tier 1																		
	Aroclor-1016	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U			<0.25 U
	Aroclor-1221	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U			<0.25 U
	Aroclor-1232	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U			<0.25 U
	Aroclor-1242	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U			<0.25 U
	Aroclor-1248	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U			<0.25 U
	Aroclor-1254	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U			<0.25 U
	Aroclor-1260	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U			<0.25 U
	Total PCBs	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U			<0.25 U
	Physical Property																				
	Bicarbonate Alkalinity	mg/L	Tier 1	95	140	100	99	100	84		130		66	64	71	91		160		<1.7 U	97
	Carbonate Alkalinity	mg/L	Tier 1	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U		<1.7 U		<1.7 U	<1.7 U	<1.7 U	<1.7 U		<1.7 U		<1.7 U	<1.7 U
	Chloride	mg/L	Tier 1	3.0 B	3.6 B	3.5 B	3.5 B	3.4 B	16		5.8		5.0 B	5	3.4 B	4.6 B		3.7 B		4.5 B	4.0 B
	Cyanide, total	mg/L	Tier 1	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U		<0.0094 U		<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U		<0.0094 U		<0.0094 U	<0.0094 U
	Fluoride	mg/L	Tier 1	0.35 B	0.18 B	0.23 B	0.23 B	0.20 B	1.4		0.17 B		<0.096 U	<0.096 U	<0.096 U	<0.096 U		0.48 B		5.2	0.17 B
	Nitrogen, Ammonia	mg/L	Tier 1	0.24 B	0.46 B	<0.50 U	0.71 B	0.62	<0.20 U		1.6		1.8	1.8	0.62	1.3		2.1		<0.50 U	1.4
	Nitrogen, Nitrate	mg/L	Tier 1	<0.088 U	<0.088 U	<0.088 U	<0.088 U	<0.088 U	<0.088 U		<0.088 U		<0.088 U	<0.088 U	<0.088 U	<0.088 U		<0.088 U		<0.088 U	<0.088 U
	Nitrogen, Nitrite	mg/L	Tier 1	<0.040 U	<0.040 U	<0.040 U	<0.040 U	<0.040 U	<0.040 U		<0.040 U		<0.040 U	<0.040 U	<0.040 U	<0.040 U		<0.040 U		0.56	<0.040 U
	Sulfate	mg/L	Tier 1	13	61	130	130	86	91		**360**		**750**	**750**	150	**850**		1.5 B		**13000**	170

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	KMW-10	KMW-2	KMW-3	KMW-3	KMW-4	KMW-5	KMW-5	KMW-6A	KMW-6A	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-101	MW-101	MW-102	MW-103
				KMW-10	KMW-2	KMW-3	Dup	KMW-4	KMW-5	Dup	KMW-6A	Dup	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-101	Dup	MW-102	MW-103
	Sulfide	mg/L	Tier 1	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U		<2.5 U		<2.5 U	<2.5 U	<2.5 U	<2.5 U		<2.5 U			<2.5 U
	Total Alkalinity	mg/L	Tier 1	95	140	100	99	100	84		130		66	64	71	91		160		<1.7 U	97
	Total Hardness - Dissolved	mg/l	Tier 1	97	170	210	210	180	190		430		550	560	210	730		11		2100	200
11/02/06	**VOC**																				
	1,1,1-Trichloroethane	ug/L	Tier 1	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U		<0.90 U		<0.90 U	<0.90 U	<0.90 U	<0.90 U		<0.90 U		<9.0 U	<0.90 U
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U		<0.20 U		<0.20 U	<0.20 U	<0.20 U	<0.20 U		<0.20 U		<2.0 U	<0.20 U
	1,1,2-Trichloroethane	ug/L	Tier 1	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		<0.42 U		<0.42 U	<0.42 U	<0.42 U	<0.42 U		<0.42 U		<4.2 U	<0.42 U
	1,1-Dichloroethane	ug/L	Tier 1	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U		<0.75 U		<0.75 U	<0.75 U	<0.75 U	<0.75 U		<0.75 U		<7.5 U	<0.75 U
	1,1-Dichloroethene	ug/L	Tier 1	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U		<0.57 U		<0.57 U	<0.57 U	<0.57 U	<0.57 U		<0.57 U		<5.7 U	<0.57 U
	1,2-Dichloroethane	ug/L	Tier 1	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U		<0.36 U		<0.36 U	<0.36 U	<0.36 U	<0.36 U		<0.36 U		<3.6 U	<0.36 U
	1,2-Dichloroethene, Total	ug/l	Tier 1	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U		<1.4 U		<1.4 U	<1.4 U	<1.4 U	<1.4 U		<1.4 U		<14 U	<1.4 U
	1,2-Dichloropropane	ug/L	Tier 1	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U		<0.46 U		<0.46 U	<0.46 U	<0.46 U	<0.46 U		<0.46 U		<4.6 U	<0.46 U
	2-Hexanone	ug/L	Tier 1	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U		<1.1 U		<1.1 U	<1.1 U	<1.1 U	<1.1 U		<1.1 U		<11 U	<1.1 U
	4-Methyl-2-pentanone	ug/L	Tier 1	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U		<1.2 U		<1.2 U	<1.2 U	<1.2 U	<1.2 U		<1.2 U		<12 U	<1.2 U
	Acetone	ug/L	Tier 1	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U		<2.3 U		<2.3 U	<2.3 U	<2.3 U	<2.3 U		<2.3 U		<23 U	<2.3 U
	Benzene	ug/L	Tier 1	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U		<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U		<4.1 U	<0.41 U
	Bromodichloromethane	ug/L	Tier 1	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U		<0.56 U		<0.56 U	<0.56 U	<0.56 U	<0.56 U		<0.56 U		<5.6 U	<0.56 U
	Bromoform	ug/L	Tier 1	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U		<0.94 U		<0.94 U	<0.94 U	<0.94 U	<0.94 U		<0.94 U		<9.4 U	<0.94 U
	Bromomethane	ug/L	Tier 1	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U		<0.91 U		<0.91 U	<0.91 U	<0.91 U	<0.91 U		<0.91 U		<9.1 U	<0.91 U
	Carbon Disulfide	ug/L	Tier 1	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U		<0.66 U		<0.66 U	<0.66 U	<0.66 U	<0.66 U		<0.66 U		<6.6 U	<0.66 U
	Carbon Tetrachloride	ug/L	Tier 1	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U		<0.49 U		<0.49 U	<0.49 U	<0.49 U	<0.49 U		<0.49 U		<4.9 U	<0.49 U
	Chlorobenzene	ug/L	Tier 1	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U		<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U		<4.1 U	<0.41 U
	Chlorodibromomethane	ug/L	Tier 1	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U		<0.81 U		<0.81 U	<0.81 U	<0.81 U	<0.81 U		<0.81 U		<8.1 U	<0.81 U
	Chloroethane	ug/L	Tier 1	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U		<0.97 U		<0.97 U	<0.97 U	<0.97 U	<0.97 U		<0.97 U		<9.7 U	<0.97 U
	Chloroform	ug/L	Tier 1	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	4.1		<0.37 U		<0.37 U	<0.37 U	<0.37 U	<0.37 U		<0.37 U		<3.7 U	<0.37 U
	Chloromethane	ug/L	Tier 1	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U		<0.24 U		<0.24 U	<0.24 U	<0.24 U	<0.24 U		<0.24 U		<2.4 U	<0.24 U
	cis-1,3-Dichloropropene	ug/L	Tier 1	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U		<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U		<1.9 U	<0.19 U
	Ethylbenzene	ug/l	Tier 1	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U		<0.54 U		<0.54 U	<0.54 U	<0.54 U	<0.54 U		<0.54 U		<5.4 U	<0.54 U
	Methel ethyl Ketone	ug/L	Tier 1	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U		<4.3 U		<4.3 U	<4.3 U	<4.3 U	<4.3 U		<4.3 U		<43 U	<4.3 U
	Methylene Chloride	ug/L	Tier 1	<0.43 U	<0.43 U	<0.43 U	0.67 J	0.73 J	0.58 J		<0.43 U		<0.43 U	<0.43 U	<0.43 U	<0.43 U		<0.43 U		<4.3 U	<0.43 U
	Styrene	ug/L	Tier 1	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U		<0.86 U		<0.86 U	<0.86 U	<0.86 U	<0.86 U		<0.86 U		<8.6 U	<0.86 U
	Tetrachloroethene	ug/L	Tier 1	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U		<0.45 U		<0.45 U	<0.45 U	<0.45 U	<0.45 U		<0.45 U		<4.5 U	<0.45 U
	Toluene	ug/L	Tier 1	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	0.75 J		<0.67 U		<0.67 U	<0.67 U	<0.67 U	<0.67 U		<0.67 U		<6.7 U	<0.67 U
	trans-1,3-Dichloropropene	ug/L	Tier 1	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U		<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U		<1.9 U	<0.19 U
	Trichloroethene	ug/L	Tier 1	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U		<0.48 U		<0.48 U	<0.48 U	<0.48 U	<0.48 U		<0.48 U		<4.8 U	<0.48 U
	Vinyl Chloride	ug/L	Tier 1	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U		<0.18 U		<0.18 U	<0.18 U	<0.18 U	<0.18 U		<0.18 U		<1.8 U	<0.18 U
	Xylenes	ug/l	Tier 1	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U		<2.6 U		<2.6 U	<2.6 U	<2.6 U	<2.6 U		<2.6 U		<26 U	<2.6 U
	VOC-PAH																				
	Acenaphthene	ug/L	Tier 1	<0.0082 U	0.024 J	<0.0082 U	<0.0082 U	<0.0082 U	<0.0082 U		<0.0082 U		<0.0082 U	<0.0082 U	<0.0082 U	<0.0082 U		0.4		<0.0082 U	<0.0082 U
	Acenaphthylene	ug/L	Tier 1	<0.0081 U	<0.0081 U	<0.0081 U	<0.0081 U	<0.0081 U	<0.0081 U		<0.0081 U		<0.0081 U	<0.0081 U	<0.0081 U	<0.0081 U		0.054 J		<0.0081 U	<0.0081 U
	Anthracene	ug/L	Tier 1	<0.012 U	0.031 J	<0.012 U	<0.012 U	<0.012 U	<0.012 U		<0.012 U		<0.012 U	<0.012 U	<0.012 U	<0.012 U		<0.023 U		<0.012 U	<0.012 U
	Benzo (a) anthracene	ug/L	Tier 1	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U		<0.016 U		<0.016 U	<0.016 U	<0.016 U	<0.016 U		<0.031 U		<0.016 U	<0.016 U
	Benzo (a) pyrene	ug/L	Tier 1	<0.018 U	<0.018 U	<0.018 U	<0.018 U	<0.018 U	<0.018 U		<0.018 U		<0.018 U	<0.018 U	<0.018 U	<0.018 U		<0.037 U		<0.018 U	<0.018 U
	Benzo (b) Fluoranthene	ug/L	Tier 1	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U		<0.016 U		<0.016 U	<0.016 U	<0.016 U	<0.016 U		<0.031 U		<0.016 U	<0.016 U
	Benzo (g,h,i) perylene	ug/L	Tier 1	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U		<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.039 U		<0.019 U	<0.019 U
	Benzo (k) Fluoranthene	ug/l	Tier 1	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U		<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.039 U		<0.019 U	<0.019 U
	Chrysene	ug/L	Tier 1	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U		<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.038 U		<0.019 U	<0.019 U
	Dibenzo (a,h) anthracene	ug/l	Tier 1	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U		<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.038 U		<0.019 U	<0.019 U
	Fluoranthene	ug/L	Tier 1	<0.015 U	0.056	<0.015 U	<0.015 U	<0.015 U	<0.015 U		<0.015 U		<0.015 U	<0.015 U	<0.015 U	<0.015 U		<0.031 U		<0.015 U	<0.015 U
	Fluorene	ug/L	Tier 1	<0.0091 U	0.027 J	<0.0091 U	<0.0091 U	<0.0091 U	<0.0091 U		<0.0091 U		<0.0091 U	<0.0091 U	<0.0091 U	<0.0091 U		0.27		<0.0091 U	<0.0091 U
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U		<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.038 U		<0.019 U	<0.019 U
	Napthalene	ug/L	Tier 1	0.021 J	0.016 J	<0.012 U	<0.012 U	<0.012 U	<0.012 U		0.015 J		<0.012 U	0.043 J	<0.012 U	<0.012 U		0.32		0.024 J	0.2
	Phenanthrene	ug/L	Tier 1	<0.011 U	0.1	<0.011 U	<0.011 U	<0.011 U	<0.011 U		<0.011 U		<0.011 U	0.030 J	<0.011 U	<0.011 U		0.049 J		0.014 J	<0.011 U
	Pyrene	ug/L	Tier 1	<0.015 U	0.038 J	<0.015 U	<0.015 U	<0.015 U	<0.015 U		<0.015 U		<0.015 U	<0.015 U	<0.015 U	<0.015 U		<0.029 U		<0.015 U	<0.015 U
3/5/07	**Field**																				

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	KMW-10	KMW-2	KMW-3	KMW-3	KMW-4	KMW-5	KMW-5	KMW-6A	KMW-6A	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-101	MW-101	MW-102	MW-103
				KMW-10	KMW-2	KMW-3	Dup	KMW-4	KMW-5	Dup	KMW-6A	Dup	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-101	Dup	MW-102	MW-103
	Depth to Water	ft	Tier 1	7.69	6.66	15.58		30.5	43.02		43.65		27.21		26.64	26.59		3.42		5.92	8.46
	Dissolved Oxygen	mg/L	Tier 1	<0.005		<0.005		0.005	i		<0.005		<0.005		0.015	<0.005		<0.005			<0.05
	GW Elevation	ft msl	Tier 1	1589.23	1582.53	1575		1556.12	1554.86		1554.82		1555.29		1554.76	1554.88		1596.99		1590.9	1587.58
	ORP	mV	Tier 1	-37		-39		-29	i		-75		-3		42	-68		-94			-82
	pH	S.U.	Tier 1	6.4		6.5		6.6	i		6.5		5.5		6.2	6.4		6.6			6.6
	Specific Conductance	umhos/cm @25 degrees C	Tier 1	226		436		394	i		1186		1497		417	1664		393			505
	Temperature	Celcius	Tier 1	5.7		8.6		9.5	i		9.9		9.5		9.1	9.3		6.7			8.6
	Turbidity	NTU	Tier 1	NM		NM		NM	i		NM		NM		NM	NM		NM			NM
	Metal																				
	Aluminum	ug/L	Tier 1	12 B		<6.3 U		<6.3 U	<6.3 U		<6.3 U		27 B		13 B	<6.3 U	12 B	35 B		**180000**	<6.3 U
	Aluminum, total	ug/L	Tier 1																		**89**
	Antimony	ug/L	Tier 1	<0.24 U		<0.24 U		<0.24 U	0.46 B		<0.24 U		<0.24 U		<0.24 U	<0.24 U	<0.24 U	<0.24 U		<2.4 U	<0.24 U
	Antimony, total	ug/L	Tier 1																		<0.24 U
	Arsenic	ug/L	Tier 1	4.4		**12**		2.6	1.5		**30**		4.1		3.7	3.2	3.5	**19**		**270**	**14**
	Arsenic, total	ug/L	Tier 1																		**13**
	Barium	ug/L	Tier 1	34		74		51	18		74		57		65	42	44	73		<1.2 U	64
	Barium, total	ug/L	Tier 1																		64
	Beryllium	ug/L	Tier 1	<0.10 U		<0.10 U		<0.10 U	0.16 B		<0.10 U		0.45 B		0.68 B	0.34 B	0.46 B	<0.10 U		19 B	<0.10 U
	Beryllium, total	ug/L	Tier 1																		0.11 B
	Boron	ug/L	Tier 1	46		39		68	70		110		89		63	82	85	100		110 B	43
	Boron, total	ug/L	Tier 1																		45
	Cadmium	ug/L	Tier 1	<0.12 U		<0.12 U		<0.12 U	0.14 B		<0.12 U		0.26 B		<0.12 U	<0.12 U	<0.12 U	<0.12 U		**18**	<0.12 U
	Cadmium, total	ug/L	Tier 1																		<0.12 U
	Calcium	ug/L	Tier 1	22000		41000		40000	37000		120000		120000		40000	170000	170000	32000		260000	43000
	Calcium, total	ug/L	Tier 1																		42000
	Chromium	ug/L	Tier 1	0.40 B		0.40 B		<0.32 U	<0.32 U		1.4		1.8		0.96 B	0.54 B	0.80 B	1.1		**2400**	0.50 B
	Chromium, total	ug/L	Tier 1																		0.74 B
	Cobalt	ug/L	Tier 1	3.9		1.5		2.5	**58**		8.5		**110**		6.3	13	14	0.18 B		**2900**	0.22 B
	Cobalt, total	ug/L	Tier 1																		0.39 B
	Copper	ug/L	Tier 1	<0.59 U		<0.59 U		<0.59 U	<0.59 U		<0.59 U		<0.59 U		2	<0.59 U	<0.59 U	<0.59 U		**4100**	<0.59 U
	Copper, total	ug/L	Tier 1																		0.66 B
	Iron	ug/L	Tier 1	**7400**		**22000**		**5100**	**21000**		**81000**		**150000**		**5900**	**130000**	**130000**	**34000**		**2100000**	**44000**
	Iron, total	ug/L	Tier 1																		**45000**
	Lead	ug/L	Tier 1	<0.049 U		<0.049 U		<0.049 U	0.19 B		<0.049 U		0.24 B		2.6	0.15 B	0.29 B	<0.049 U		2.1 B	<0.049 U
	Lead, total	ug/L	Tier 1																		0.21 B
	Lithium	ug/L	Tier 1	2.2		2.2		0.96	12		<0.050 U		4.9		0.57	6.1	5.3	0.67		**310**	1.2
	Lithium, total	ug/L	Tier 1																		1.1
	Magnesium	ug/L	Tier 1	11000		18000		15000	19000		52000		61000		18000	72000	73000	8900		190000	15000
	Magnesium, total	ug/L	Tier 1																		15000
	Manganese	ug/L	Tier 1	**2200**		**4700**		**4500**	**2600**		**22000**		**21000**		**6600**	**25000**	**25000**	**6200**		**19000**	**3700**
	Manganese, total	ug/L	Tier 1																		**3700**
	Mercury - low level	ng/L	Tier 1																		0.606
	Dissolved	ng/L	Tier 1	0.854		0.86		1.32	0.684		1.23		0.507		0.603	0.698	0.651	0.74		5.95	0.406 B
	Molybdenum	ug/L	Tier 1	2.9 B		1.0 B		1.7 B	4.0 B		1.9 B		0.88 B		1.9 B	1.3 B	1.5 B	1.1 B		<6.1 U	<0.61 U
	Molybdenum, total	ug/L	Tier 1																		0.92 B
	Nickel	ug/L	Tier 1	1.8		0.83 B		3.6	3.8		20		79		12	1.7	2.1	0.62 B		**7200**	0.53 B
	Nickel, total	ug/L	Tier 1																		0.88 B
	Potassium	ug/L	Tier 1	3100		2700		3200	4400		4200		6900		3100	6700	7200	3500		<57 U	3100
	Potassium, total	ug/L	Tier 1																		3100
	Selenium	ug/L	Tier 1	<0.67 U		<0.67 U		<0.67 U	<0.67 U		<0.67 U		<0.67 U		<0.67 U	<0.67 U	0.80 B	<0.67 U		8.5 B	<0.67 U
	Selenium, total	ug/L	Tier 1																		<0.67 U
	Silver	ug/L	Tier 1	<0.034 U		<0.034 U		<0.034 U	0.080 B		<0.034 U		0.040 B		<0.034 U	<0.034 U	<0.034 U	<0.034 U		<0.34 U	<0.068 U
	Silver, total	ug/L	Tier 1																		<0.068 U
	Sodium	ug/L	Tier 1	1900		4000		4200	3400		7500		7100		3700	6500	6900	8900		7600	5100
	Sodium, total	ug/L	Tier 1																		4800
	Thallium	ug/L	Tier 1	<0.053 U		<0.053 U		<0.053 U	0.13 B		<0.053 U		0.20 B		<0.053 U	<0.053 U	0.10 B	<0.053 U		<0.53 U	<0.053 U

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	KMW-10	KMW-2	KMW-3	KMW-3	KMW-4	KMW-5	KMW-5	KMW-6A	KMW-6A	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-101	MW-101	MW-102	MW-103
				KMW-10	KMW-2	KMW-3	Dup	KMW-4	KMW-5	Dup	KMW-6A	Dup	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-101	Dup	MW-102	MW-103
	Thallium, total	ug/L	Tier 1																		<0.053 U
	Total Hardness	ug/L	Tier 1																		170000
	Vanadium	ug/L	Tier 1	0.87 B		0.75 B		0.57 B	0.41 B		2.5		**4.6**		2.2	1.2	1.4	2.9		**130**	2.3
	Vanadium, total	ug/L	Tier 1																		2.8
	Zinc	ug/L	Tier 1	<0.98 U		<0.98 U		<0.98 U	13		4.5 B		5.8 B		180	50	51	<0.98 U		**3000**	6.1 B
	Zinc, total	ug/L	Tier 1																		3.3 B
3/5/07	**PCB's**																				
	Aroclor-1016	ug/L	Tier 1					<0.12 U			<0.12 U							<0.11 U		<0.12 U	<0.12 U
	Aroclor-1221	ug/L	Tier 1					<0.12 U			<0.12 U							<0.11 U		<0.12 U	<0.12 U
	Aroclor-1232	ug/L	Tier 1					<0.12 U			<0.12 U							<0.11 U		<0.12 U	<0.12 U
	Aroclor-1242	ug/L	Tier 1					<0.12 U			<0.12 U							<0.11 U		<0.12 U	<0.12 U
	Aroclor-1248	ug/L	Tier 1					<0.12 U			<0.12 U							<0.11 U		<0.12 U	<0.12 U
	Aroclor-1254	ug/L	Tier 1					<0.12 U			<0.12 U							<0.11 U		<0.12 U	<0.12 U
	Aroclor-1260	ug/L	Tier 1					<0.12 U			<0.12 U							<0.11 U		<0.12 U	<0.12 U
	Total PCBs	ug/L	Tier 1					<0.12 U			<0.12 U							<0.11 U		<0.12 U	<0.12 U
	Physical Property																				
	Bicarbonate Alkalinity	mg/L	Tier 1	96		110		100	79		150		57		70	90	95	170		<1.7 U	99
	Carbonate Alkalinity	mg/L	Tier 1	<1.7 U		<1.7 U		<1.7 U	<1.7 U		<1.7 U		<1.7 U		<1.7 U	<1.7 U	<1.7 U	<1.7 U		<1.7 U	<1.7 U
	Chloride	mg/L	Tier 1	2.7 B		3.6 B		3.1 B	6		6		5.3		3.1 B	4.5 B	4.5 B	3.6 B		1100 B	4.8 B
	Cyanide, total	mg/L	Tier 1	<0.0094 U		<0.0094 U		<0.0094 U	<0.0094 U		<0.0094 U		<0.0094 U		<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U		<0.0094 U	<0.0094 U
	Fluoride	mg/L	Tier 1	0.41 B		0.25 B		0.22 B	0.21 B		0.21 B		0.18 B		0.17 B	0.17 B	0.17 B	0.42 B		<29 U	0.24 B
	Nitrogen, Ammonia	mg/L	Tier 1	<0.50 U		0.75 B		0.62 B	0.54 B		1.2		1.9		0.55 B	1.3	1.3	1.6		<0.50 U	1.1
	Nitrogen, Nitrate	mg/L	Tier 1	<0.085 U		<0.085 U		<0.085 U	<0.085 U		<0.085 U		<0.085 U		<0.085 U	<0.085 U	<0.085 U	<0.085 U		<42 U	<0.085 U
	Nitrogen, Nitrite	mg/L	Tier 1	<0.036 U		<0.030 U		<0.036 U	<0.036 U		<0.036 U		<0.036 U		<0.036 U	<0.036 U	<0.036 U	<0.036 U		<18 U	<0.036 U
	Sulfate	mg/L	Tier 1	14		110		93	110		**520**		**840**		130	**900**	**880**	<0.51 U		**9900**	120
	Sulfide	mg/L	Tier 1	<2.5 U		<2.5 U		<2.5 U	<2.5 U		12		9		<2.5 U	3.4 B	13	3.0 B		<2.5 U	<2.5 U
	Total Alkalinity	mg/L	Tier 1	96		110		100	79		150		57		70	90	95	170		<1.7 U	99
	Total Hardness - Dissolved	mg/l	Tier 1	100		180		160	170		510		560		170	710	720	120		1500	170
	VOC																				
	1,1,1-Trichloroethane	ug/L	Tier 1	<0.90 U		<0.90 U		<0.90 U	<0.90 U		<0.90 U		<0.90 U		<0.90 U	<0.90 U	<0.90 U	<0.90 U		<0.90 U	<0.90 U
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1	<0.20 U		<0.20 U		<0.20 U	<0.20 U		<0.20 U		<0.20 U		<0.20 U	<0.20 U	<0.20 U	<0.20 U		<0.20 U	<0.20 U
	1,1,2-Trichloroethane	ug/L	Tier 1	<0.42 U		<0.42 U		<0.42 U	<0.42 U		<0.42 U		<0.42 U		<0.42 U	<0.42 U	<0.42 U	<0.42 U		<0.42 U	<0.42 U
	1,1-Dichloroethane	ug/L	Tier 1	<0.75 U		<0.75 U		<0.75 U	<0.75 U		<0.75 U		<0.75 U		<0.75 U	<0.75 U	<0.75 U	<0.75 U		<0.75 U	<0.75 U
	1,1-Dichloroethene	ug/L	Tier 1	<0.57 U		<0.57 U		<0.57 U	<0.57 U		<0.57 U		<0.57 U		<0.57 U	<0.57 U	<0.57 U	<0.57 U		<0.57 U	<0.57 U
	1,2-Dichloroethane	ug/L	Tier 1	<0.36 U		<0.36 U		<0.36 U	<0.36 U		<0.36 U		<0.36 U		<0.36 U	<0.36 U	<0.36 U	<0.36 U		<0.36 U	<0.36 U
	1,2-Dichloroethene, Total	ug/l	Tier 1	<1.4 U		<1.4 U		<1.4 U	<1.4 U		<1.4 U		<1.4 U		<1.4 U	<1.4 U	<1.4 U	<1.4 U		<1.4 U	<1.4 U
	1,2-Dichloropropane	ug/L	Tier 1	<0.46 U		<0.46 U		<0.46 U	<0.46 U		<0.46 U		<0.46 U		<0.46 U	<0.46 U	<0.46 U	<0.46 U		<0.46 U	<0.46 U
	2-Hexanone	ug/L	Tier 1	<1.1 U		<1.1 U		<1.1 U	<1.1 U		<1.1 U		<1.1 U		<1.1 U	<1.1 U	<1.1 U	<1.1 U		<1.1 U	<1.1 U
	4-Methyl-2-pentanone	ug/L	Tier 1	<1.2 U		<1.2 U		<1.2 U	<1.2 U		<1.2 U		<1.2 U		<1.2 U	<1.2 U	<1.2 U	<1.2 U		<1.2 U	<1.2 U
	Acetone	ug/L	Tier 1	<2.3 U		<2.3 U		<2.3 U	4.2 J		<2.3 U		<2.3 U		<2.3 U	<2.3 U	<2.3 U	<2.3 U		<2.3 U	<2.3 U
	Benzene	ug/L	Tier 1	<0.41 U		<0.41 U		<0.41 U	<0.41 U		<0.41 U		<0.41 U		<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U	<0.41 U
	Bromodichloromethane	ug/L	Tier 1	<0.56 U		<0.56 U		<0.56 U	<0.56 U		<0.56 U		<0.56 U		<0.56 U	<0.56 U	<0.56 U	<0.56 U		<0.56 U	<0.56 U
	Bromoform	ug/L	Tier 1	<0.94 U		<0.94 U		<0.94 U	<0.94 U		<0.94 U		<0.94 U		<0.94 U	<0.94 U	<0.94 U	<0.94 U		<0.94 U	<0.94 U
	Bromomethane	ug/L	Tier 1	<0.91 U		<0.91 U		<0.91 U	<0.91 U		<0.91 U		<0.91 U		<0.91 U	<0.91 U	<0.91 U	<0.91 U		<0.91 U	<0.91 U
	Carbon Disulfide	ug/L	Tier 1	<0.66 U		<0.66 U		<0.66 U	<0.66 U		<0.66 U		<0.66 U		<0.66 U	<0.66 U	<0.66 U	<0.66 U		<0.66 U	<0.66 U
	Carbon Tetrachloride	ug/L	Tier 1	<0.49 U		<0.49 U		<0.49 U	<0.49 U		<0.49 U		<0.49 U		<0.49 U	<0.49 U	<0.49 U	<0.49 U		<0.49 U	<0.49 U
	Chlorobenzene	ug/L	Tier 1	<0.41 U		<0.41 U		<0.41 U	<0.41 U		<0.41 U		<0.41 U		<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U	<0.41 U
	Chlorodibromomethane	ug/L	Tier 1	<0.81 U		<0.81 U		<0.81 U	<0.81 U		<0.81 U		<0.81 U		<0.81 U	<0.81 U	<0.81 U	<0.81 U		<0.81 U	<0.81 U
	Chloroethane	ug/L	Tier 1	<0.97 U		<0.97 U		<0.97 U	<0.97 U		<0.97 U		<0.97 U		<0.97 U	<0.97 U	<0.97 U	<0.97 U		<0.97 U	<0.97 U
	Chloroform	ug/L	Tier 1	<0.37 U		<0.37 U		<0.37 U	0.75 J		<0.37 U		<0.37 U		<0.37 U	<0.37 U	<0.37 U	<0.37 U		<0.37 U	<0.37 U
	Chloromethane	ug/L	Tier 1	0.41 J		<0.24 U		<0.24 U	<0.24 U		<0.24 U		<0.24 U		<0.24 U	<0.24 U	<0.24 U	<0.24 U		<0.24 U	<0.24 U
	cis-1,3-Dichloropropene	ug/L	Tier 1	<0.19 U		<0.19 U		<0.19 U	<0.19 U		<0.19 U		<0.19 U		<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U	<0.19 U
	Ethylbenzene	ug/l	Tier 1	<0.54 U		<0.54 U		<0.54 U	<0.54 U		<0.54 U		<0.54 U		<0.54 U	<0.54 U	<0.54 U	0.59 J		<0.54 U	<0.54 U
	Methel ethyl Ketone	ug/L	Tier 1	<4.3 U		<4.3 U		<4.3 U	<4.3 U		<4.3 U		<4.3 U		<4.3 U	<4.3 U	<4.3 U	<4.3 U		<4.3 U	<4.3 U
	Methylene Chloride	ug/L	Tier 1	<0.43 U		<0.43 U		<0.43 U	<0.43 U		<0.43 U		<0.43 U		<0.43 U	<0.43 U	<0.43 U	<0.43 U		<0.43 U	<0.43 U

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	KMW-10	KMW-2	KMW-3	KMW-3	KMW-4	KMW-5	KMW-5	KMW-6A	KMW-6A	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-101	MW-101	MW-102	MW-103
				KMW-10	KMW-2	KMW-3	Dup	KMW-4	KMW-5	Dup	KMW-6A	Dup	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-101	Dup	MW-102	MW-103
	Styrene	ug/L	Tier 1	<0.86 U		<0.86 U		<0.86 U	<0.86 U		<0.86 U		<0.86 U		<0.86 U	<0.86 U	<0.86 U	<0.86 U		<0.86 U	<0.86 U
	Tetrachloroethene	ug/L	Tier 1	<0.45 U		<0.45 U		<0.45 U	<0.45 U		<0.45 U		<0.45 U		<0.45 U	<0.45 U	<0.45 U	<0.45 U		<0.45 U	<0.45 U
	Toluene	ug/L	Tier 1	<0.67 U		<0.67 U		<0.67 U	0.70 J		<0.67 U		<0.67 U		<0.67 U	<0.67 U	<0.67 U	<0.67 U		0.77 J	<0.67 U
	trans-1,3-Dichloropropene	ug/L	Tier 1	<0.19 U		<0.19 U		<0.19 U	<0.19 U		<0.19 U		<0.19 U		<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U	<0.19 U
	Trichloroethene	ug/L	Tier 1	<0.48 U		<0.48 U		<0.48 U	<0.48 U		<0.48 U		<0.48 U		<0.48 U	<0.48 U	<0.48 U	<0.48 U		<0.48 U	<0.48 U
	Vinyl Chloride	ug/L	Tier 1	<0.18 U		<0.18 U		<0.18 U	<0.18 U		<0.18 U		<0.18 U		<0.18 U	<0.18 U	<0.18 U	<0.18 U		<0.18 U	<0.18 U
	Xylenes	ug/l	Tier 1	<2.6 U		<2.6 U		<2.6 U	<2.6 U		<2.6 U		<2.6 U		<2.6 U	<2.6 U	<2.6 U	<2.6 U		<2.6 U	<2.6 U
	VOC-PAH																				
	Acenaphthene	ug/L	Tier 1					<0.0085 U			<0.0084 U							0.85		<0.0096 U	<0.0083 U
	Acenaphthylene	ug/L	Tier 1					<0.0084 U			<0.0083 U							0.13 J		<0.0095 U	<0.0083 U
	Anthracene	ug/L	Tier 1					<0.012 U			<0.012 U							<0.094 U		<0.014 U	<0.012 U
	Benzo (a) anthracene	ug/L	Tier 1					<0.016 U			<0.016 U							<0.13 U		<0.018 U	<0.016 U
	Benzo (a) pyrene	ug/L	Tier 1					<0.019 U			<0.019 U							<0.15 U		<0.022 U	<0.019 U
	Benzo (b) Fluoranthene	ug/L	Tier 1					<0.016 U			<0.016 U							0.23 J		<0.018 U	<0.016 U
	Benzo (g,h,i) perylene	ug/L	Tier 1					<0.020 U			<0.020 U							<0.16 U		<0.023 U	<0.020 U
	Benzo (k) Fluoranthene	ug/l	Tier 1					<0.020 U			<0.020 U							0.45		<0.023 U	<0.020 U
	Chrysene	ug/L	Tier 1					<0.020 U			<0.020 U							<0.15 U		<0.022 U	<0.019 U
	Dibenzo (a,h) anthracene	ug/l	Tier 1					<0.020 U			<0.019 U							<0.15 U		<0.022 U	<0.019 U
	Fluoranthene	ug/L	Tier 1					<0.016 U			<0.016 U							<0.13 U		<0.018 U	<0.016 U
	Fluorene	ug/L	Tier 1					<0.0094 U			<0.0093 U							0.54		<0.011 U	<0.0092 U
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1					<0.020 U			<0.019 U							<0.15 U		<0.022 U	<0.019 U
	Napthalene	ug/L	Tier 1					0.014 J			0.019 J							0.98		0.027 J	<0.013 U
	Phenanthrene	ug/L	Tier 1					<0.012 U			<0.012 U							<0.093 U		0.014 J	<0.012 U
	Pyrene	ug/L	Tier 1					<0.015 U			<0.015 U							<0.12 U		<0.017 U	<0.015 U
5/9/07	**Field**																				
	Depth to Water	ft	Tier 1	7.36	5.47	13.48		28.45	40.69		42.3		25.72		25.53	25.41		4.08		6.31	8.26
	GW Elevation	ft msl	Tier 1	1589.56	1583.72	1577.1		1558.17	1557.19		1556.17		1556.78		1555.87	1556.06		1596.33		1590.51	1587.78
6/5/07	**Field**																				
	Depth to Water	ft	Tier 1	7.73	5.87	14		28.2	41.37		41.98		25.46		25.28	25.2		4.7		6.76	8.61
	Dissolved Oxygen	mg/L	Tier 1	<0.005	0.04	<0.005		0.025	3		<0.005		<0.005		0.05	<0.005		<0.005		i	<0.005
	GW Elevation	ft msl	Tier 1	1589.19	1583.32	1576.58		1558.42	1556.51		1556.49		1557.04		1556.12	1556.27		1595.71		1590.06	1587.43
	ORP	mV	Tier 1	-36	-103.6	NM		55.5	-62		NM		-7		NM	NM		NM		i	-79.1
	pH	S.U.	Tier 1	6.6	6.9	6.7		6.6	6.5		6.5		5.6		6.3	6.5		6.7		i	6.7
	Specific Conductance	umhos/cm @25 degrees C	Tier 1	185	405	407		394	370.1		885		1427		570	1734		421		i	538
	Temperature	Celcius	Tier 1	11.2	17.05	11.72		12.68	18.8		15.39		10.7		10.3	10.87		11.43		i	12.9
	Metal																				
	Aluminum	ug/L	Tier 1	**53**	**710**	**950**	**800**	**1400**	**3700**	**3800**	**1100**	**1100**	**1200**		**63**	**67**		**200**	**210**	**320000**	41 B
	Antimony	ug/L	Tier 1	<0.10 U	<0.10 U	0.17 B	0.15 B	0.18 B	0.59 B	0.62 B	0.18 B	<0.10 U	<0.10 U		<0.10 U	<0.10 U		<0.10 U	<0.10 U	**16**	0.21 B
	Arsenic	ug/L	Tier 1	4.1	**32**	**18**	**19**	3	5.6	5.8	**26**	**26**	5.5		3.9	3.5		**23**	**23**	**290**	**12**
	Barium	ug/L	Tier 1	32	150	75	79	57	21	22	47	47	63		78	42		79	78	41	65
	Beryllium	ug/L	Tier 1	<0.070 U	<0.070 U	0.11 B	0.090 B	0.090 B	0.51 B	0.47 B	<0.070 U	<0.070 U	0.26 B		0.080 B	<0.070 U		0.070 B	0.070 B	**43**	0.13 B
	Boron	ug/L	Tier 1	45	40	45	44	58	39	42	97	100	68		59	69		97	99	160	44
	Cadmium	ug/L	Tier 1	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	0.11 B	<0.097 U	<0.097 U	<0.097 U		<0.097 U	<0.097 U		<0.097 U	<0.097 U	**67**	0.10 B
	Calcium	ug/L	Tier 1	19000	47000	36000	38000	41000	24000	24000	78000	79000	140000		57000	190000		34000	35000	350000	45000
	Chromium	ug/L	Tier 1	<0.43 U	3.1	3.1	3.1	5.6	13	13	9.7	10	3.6		1.3	0.97 B		1.5	1.5	**3200**	0.95 B
	Cobalt	ug/L	Tier 1	3.5	2.5	3.7	4	3.7	33	34	14	15	**130**		7.8	13		0.34 B	0.34 B	**4700**	0.37 B
	Copper	ug/L	Tier 1	0.92 B	3.9	3.9	3.9	9.7	16	18	4.1	4.2	3.3		14	2.8		0.72 B	0.74 B	**11000**	8.5
	Iron	ug/L	Tier 1	**6800**	**14000**	**24000**	**26000**	**7700**	**21000**	**22000**	**57000**	**56000**	**190000**		**7700**	**170000**		**39000**	**39000**	**2900000**	**48000**
	Lead	ug/L	Tier 1	0.11 B	1.7	1.2	1.2	1.6	**5**	**5.5**	0.69 B	0.62 B	0.58 B		0.52 B	2.1		0.15 B	0.15 B	**45**	0.52 B
	Lithium	ug/L	Tier 1	1.6	1.7	2.5	2.5	2.2	13	12	1.1	1.1	4.6		0.4	5.2		0.81	0.84		0.99
	Magnesium	ug/L	Tier 1	8900	14000	16000	17000	15000	13000	14000	41000	40000	70000		24000	75000		9300	9500	260000	16000
	Manganese	ug/L	Tier 1	**2000**	**3200**	**4400**	**4700**	**4600**	**1600**	**1600**	**15000**	**15000**	**23000**		**11000**	**28000**		**6500**	**6300**	**18000**	**3800**
	Mercury - low level	ng/L	Tier 1	0.498 B		0.613	0.84	2.83	1.97	2.46	1.07	1.01			0.515	0.474 B		1.2	1.14		
	Molybdenum	ug/L	Tier 1	1.7 B	2.6 B	1.5 B	1.6 B	1.5 B	7.3 B	7.2 B	2.3 B	1.3 B	<1.2 U		0.36 B	<0.12 U		1.0 B	1.0 B	<23 U	1.5 B
	Nickel	ug/L	Tier 1	1.4	6.1	3	3.1	8.2	8.3	8.6	49	53	**120**		13	1.2		0.68 B	0.69 B	**13000**	1.2

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	KMW-10	KMW-2	KMW-3	KMW-3	KMW-4	KMW-5	KMW-5	KMW-6A	KMW-6A	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-101	MW-101	MW-102	MW-103
				KMW-10	KMW-2	KMW-3	Dup	KMW-4	KMW-5	Dup	KMW-6A	Dup	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-101	Dup	MW-102	MW-103
	Potassium	ug/L	Tier 1	3000	3200	2800	2900	3600	4000	4100	3700	3800	7400		3500	7100		3800	3900	2300 B	3100
	Selenium	ug/L	Tier 1	<0.15 U	0.15 B	0.49 B	0.38 B	0.23 B	<0.15 U	0.18 B	0.37 B	0.31 B	0.70 B		0.27 B	0.29 B		0.21 B	0.25 B	0.60 B	0.38 B
	Silver	ug/L	Tier 1	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U		<0.11 U	<0.11 U		<0.11 U	<0.11 U	2.6	<0.11 U
	Sodium	ug/L	Tier 1	1000	4500	3500	3600	4000	53000	34000	5800	6000	7300		3700	6400		8800	9000	3900 B	5100
	Thallium	ug/L	Tier 1	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	0.10 B	0.10 B	0.040 B	<0.030 U	<0.030 U		<0.030 U	<0.030 U		<0.030 U	<0.030 U	0.12 B	0.080 B
	Total Hardness	ug/L	Tier 1	84000	180000	160000	160000	170000	110000	120000	360000	360000	630000		240000	770000		120000	130000	1900000	180000
	Vanadium	ug/L	Tier 1	0.52 B	2.9	3.9	3.8	4	4.2	**4.5**	**5.8**	**5.8**	**9.2**		1.8	1.2		3.3	3.4	**200**	2.4
	Zinc	ug/L	Tier 1	2.1 B	8.2 B	9.0 B	4.4 B	12	17	17	6.7 B	10	7.4 B		25	14		<2.1 U	<2.1 U	**5700**	22
	Physical Property																				
	Bicarbonate Alkalinity	mg/L	Tier 1	73	150	79	81	90		120	110	110	41		73	83		170	170		110
	Carbonate Alkalinity	mg/L	Tier 1	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U		<3.2 U	<3.2 U	<3.2 U	<3.2 U		<3.2 U	<3.2 U		<3.2 U	<3.2 U		<3.2 U
	Chloride	mg/L	Tier 1	3.1 B	4.0 B	2.8 B	2.7 B	2.7 B		3.6 B	7.6	7.6	4.4 B		3.5 B	4.9 B		4.5 B	4.5 B		4.6 B
	Cyanide, total	mg/L	Tier 1	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U		<0.0060 U	<0.0060 U		<0.0060 U	<0.0060 U		<0.0060 U
	Fluoride	mg/L	Tier 1	0.42 B	0.21 B	0.19 B	0.20 B	0.19 B		0.23 B	0.22 B	0.21 B	0.14 B		0.21 B	0.19 B		0.44 B	0.42 B		0.24 B
	Nitrogen, Ammonia	mg/L	Tier 1	<0.50 U	<0.50 U	0.69 B	0.71 B	0.59 B	<0.50 U	<0.50 U	1.3	1.1	2.1		0.51 B	1.3		1.8	1.9		1.1
	Nitrogen, Nitrate	mg/L	Tier 1	<0.085 U	<0.085 U	<0.085 U	<0.085 U	<0.085 U		<0.085 U	0.17 B	0.17 B	<0.085 U		<0.085 U	<0.085 U		<0.085 U	<0.085 U		<0.085 U
	Nitrogen, Nitrite	mg/L	Tier 1	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U		<0.036 U	<0.036 U	<0.036 U	<0.036 U		<0.036 U	<0.036 U		<0.036 U	<0.036 U		<0.036 U
	Sulfate	mg/L	Tier 1	21	62	97	100	95		88	**300**	**300**	**870**		210	**920**		<0.51 U	<0.51 U		130
	Sulfide	mg/L	Tier 1						<2.3 U	<2.3 U	9	6.6	8.4		5.2	4.0 B		2.6 B	2.4 B		
	Total Alkalinity	mg/L	Tier 1	73	150	79	81	90		120	110	110	41		73	83		170	170		110
	VOC																				
	1,1,1-Trichloroethane	ug/L	Tier 1																		
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1																		
	1,1,2-Trichloroethane	ug/L	Tier 1																		
	1,1-Dichloroethane	ug/L	Tier 1																		
	1,1-Dichloroethene	ug/L	Tier 1																		
	1,2-Dichloroethane	ug/L	Tier 1																		
	1,2-Dichloroethene, Total	ug/l	Tier 1																		
	1,2-Dichloropropane	ug/L	Tier 1																		
	2-Hexanone	ug/L	Tier 1																		
	4-Methyl-2-pentanone	ug/L	Tier 1																		
	Acetone	ug/L	Tier 1																		
	Benzene	ug/L	Tier 1																		
	Bromodichloromethane	ug/L	Tier 1																		
	Bromoform	ug/L	Tier 1																		
	Bromomethane	ug/L	Tier 1																		
	Carbon Disulfide	ug/L	Tier 1																		
	Carbon Tetrachloride	ug/L	Tier 1																		
	Chlorobenzene	ug/L	Tier 1																		
	Chlorodibromomethane	ug/L	Tier 1																		
	Chloroethane	ug/L	Tier 1																		
	Chloroform	ug/L	Tier 1																		
	Chloromethane	ug/L	Tier 1																		
	cis-1,3-Dichloropropene	ug/L	Tier 1																		
	Ethylbenzene	ug/l	Tier 1																		
	Methel ethyl Ketone	ug/L	Tier 1																		
	Methylene Chloride	ug/L	Tier 1																		
	Styrene	ug/L	Tier 1																		
	Tetrachloroethene	ug/L	Tier 1																		
	Toluene	ug/L	Tier 1																		
	trans-1,3-Dichloropropene	ug/L	Tier 1																		
	Trichloroethene	ug/L	Tier 1																		
	Vinyl Chloride	ug/L	Tier 1																		
	Xylenes	ug/l	Tier 1																		
	Xylenes, m + p	ug/L	Tier 1																		
	xylenes, o	ug/L	Tier 1																		

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	KMW-10	KMW-2	KMW-3	KMW-3	KMW-4	KMW-5	KMW-5	KMW-6A	KMW-6A	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-101	MW-101	MW-102	MW-103
				KMW-10	KMW-2	KMW-3	Dup	KMW-4	KMW-5	Dup	KMW-6A	Dup	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-101	Dup	MW-102	MW-103
	VOC-PAH																				
	Acenaphthene	ug/L	Tier 1																		
	Acenaphthylene	ug/L	Tier 1																		
	Anthracene	ug/L	Tier 1																		
	Benzo (a) anthracene	ug/L	Tier 1																		
	Benzo (a) pyrene	ug/L	Tier 1																		
	Benzo (b) Fluoranthene	ug/L	Tier 1																		
	Benzo (g,h,i) perylene	ug/L	Tier 1																		
	Benzo (k) Fluoranthene	ug/l	Tier 1																		
	Chrysene	ug/L	Tier 1																		
	Dibenzo (a,h) anthracene	ug/l	Tier 1																		
	Fluoranthene	ug/L	Tier 1																		
	Fluorene	ug/L	Tier 1																		
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1																		
	Napthalene	ug/L	Tier 1																		
	Phenanthrene	ug/L	Tier 1																		
	Pyrene	ug/L	Tier 1																		
8/2/07	Depth to Water	ft	Tier 1	8.37	7.61	16.42		29.08	42.69		42.61		26.11		25.88	25.74		7.52		8.01	9.53
	GW Elevation	ft msl	Tier 1	1588.55	1581.58	1574.16		1557.54	1555.19		1555.86		1556.39		1555.52	1555.73		1592.89		1588.81	1586.51

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-104	MW-11	MW-11	MW-12	MW-12	MW-5	MW-5	MW-6	MW-601	MW-602	MW-603	MW-604	MW-604	MW-605	MW-606	MW-606	MW-7
				MW-104	MW-11	Dup	MW-12	Dup	MW-5	Dup	MW-6	MW-601	MW-602	MW-603	MW-604	Dup	MW-605	MW-606	Dup	MW-7
6/13/06	**Field**																			
	Dissolved Oxygen	mg/L	Tier 1		0.1		<0.001													0.2
	GW Elevation	ft msl	Tier 1		1586.26		1586.6		1580.53		1571.33									1569.61
	ORP	mV	Tier 1		4		-71		-63											350
	pH	S.U.	Tier 1		6.8		7.8		6.8											3.6
	Specific Conductance	umhos/cm @25 degrees C	Tier 1		2399		321		982											1786
	Temperature	Celcius	Tier 1		20		10		19											12
6/22/06	**Metal**																			
	Aluminum	ug/L	Tier 1				5.3													
	Aluminum, total	ug/L	Tier 1	**76.4**	**483**	**487**			**389**		**88.7**									**72200**
	Antimony	ug/L	Tier 1				<0.1 U		0.09		0.12									0.085
	Antimony, total	ug/L	Tier 1	0.19	<0.1 U	<0.1 U														
	Arsenic	ug/L	Tier 1				**10.6**													
	Arsenic, total	ug/L	Tier 1	**30**	**11**	**10.5**			**95.7**		3.3									<12 U
	Barium	ug/L	Tier 1				32.9													
	Barium, total	ug/L	Tier 1	298	582	583			229		23									9.1
	Beryllium	ug/L	Tier 1				**4.8**													
	Beryllium, total	ug/L	Tier 1	**9.9**	2.6	2.6			**65.9**		**12.6**									**14.5**
	Boron	ug/L	Tier 1				33.8													
	Boron, total	ug/L	Tier 1	63.8	12.8	14.9			**611**		81.8									53.6
	Cadmium	ug/L	Tier 1				<0.1 U				0.024									
	Cadmium, total	ug/L	Tier 1	<0.057 U	<0.1 U	<0.1 U			<0.057 U											4.1
	Calcium	ug/L	Tier 1				35000													
	Calcium, total	ug/L	Tier 1	17300	229000	288000			48400		258000									115000
	Chromium	ug/L	Tier 1				6.7													
	Chromium, total	ug/L	Tier 1	2.8	8.7	9.9			10.1		3.2									1.6
	Cobalt	ug/L	Tier 1				0.16													
	Cobalt, total	ug/L	Tier 1	0.15	10.3	10.5			2.3		4.9									**451**
	Copper	ug/L	Tier 1				0.28													
	Copper, total	ug/L	Tier 1	0.28	1.1	1.1			0.27		2.1									484
	Iron	ug/L	Tier 1				**9190**													
	Iron, total	ug/L	Tier 1	**48000**	**331000**	**417000**			**166000**		**214000**									**153000**
	Lead	ug/L	Tier 1				<0.1 U				0.085									
	Lead, total	ug/L	Tier 1	0.34	<0.1 U	<0.1 U			0.13											0.87
	Lithium	ug/L	Tier 1				1.3													
	Lithium, total	ug/L	Tier 1	1.8	2	2.4			0.3		6									67.3
	Magnesium	ug/L	Tier 1				10900													
	Magnesium, total	ug/L	Tier 1	4540	86100	80600			14900		119000									65500
	Manganese	ug/L	Tier 1				**893**													
	Manganese, total	ug/L	Tier 1	**2140**	**21200**	**26600**			**4460**		**10900**									**18500**
	Mercury	ug/L	Tier 1				<0.2 U													
	Mercury, total	ug/L	Tier 1	<0.2 U	<0.2 U	<0.2 U			<0.2 U		<0.2 U									<0.2 U
	Molybdenum	ug/L	Tier 1				0.3													
	Molybdenum, total	ug/L	Tier 1	0.51	0.51	0.55			4		1.8									0.49
	Nickel	ug/L	Tier 1				0.1													
	Nickel, total	ug/L	Tier 1	1.6	6.1	6.1			12.3		23.1									**1170**
	Potassium	ug/L	Tier 1				1740													
	Potassium, total	ug/L	Tier 1	3870	15000	13300			10200		6700									7570
	Selenium	ug/L	Tier 1				<0.5 U													
	Selenium, total	ug/L	Tier 1	<0.4 U	1.3	1.2			0.99		0.8									<40 U
	Silver	ug/L	Tier 1				<0.2 U		0.044											
	Silver, total	ug/L	Tier 1	<0.14 U	<0.2 U	<0.2 U					<0.14 U									<0.14 U
	Sodium	ug/L	Tier 1				3630													
	Sodium, total	ug/L	Tier 1	7560	56500	54200			87100		19600									6240
	Zinc	ug/L	Tier 1																	
	Zinc, total	ug/L	Tier 1	9.6	6.9	<5 U	2.8		3.1		42									752

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-104	MW-11	MW-11	MW-12	MW-12	MW-5	MW-5	MW-6	MW-601	MW-602	MW-603	MW-604	MW-604	MW-605	MW-606	MW-606	MW-7
				MW-104	MW-11	Dup	MW-12	Dup	MW-5	Dup	MW-6	MW-601	MW-602	MW-603	MW-604	Dup	MW-605	MW-606	Dup	MW-7
	Physical Property																			
	Bicarbonate Alkalinity	mg/L	Tier 1	92	540	540	140		400		77									<1.7 U
	Carbonate Alkalinity	mg/L	Tier 1	<3.7 U	<1.7 U	<1.7 U	<1.7 U		<3.7 U		<3.7 U									<1.7 U
	Chloride	mg/L	Tier 1	3.3 B	44	43	3.3 B		10		25									6.6
	Cyanide, total	mg/L	Tier 1	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U		<0.0094 U		<0.0094 U									<0.0094 U
	Fluoride	mg/L	Tier 1	0.21 B	0.57	0.62	<0.096 U		0.19 B		<0.096 U									0.21 B
	Nitrogen, Nitrate	mg/L	Tier 1	<0.088 U	0.19 B	0.17 B	<0.088 U		<0.088 U		<0.088 U									<0.088 U
	Sulfate	mg/L	Tier 1	2.2 B	**1000**	**950**	14		4.3		**650**									**1300**
	Benzene	ug/L	Tier 1	0.77 J	0.42 J	0.41 J	<0.14 U		**10**		1									<0.14 U
	Ethylbenzene	ug/l	Tier 1	3.1	<0.40 U	<0.40 U	<0.40 U		**75**		<0.40 U									<0.40 U
	Toluene	ug/L	Tier 1	4.1	1.8	1.7	<0.36 U		4.5 J		17									<0.36 U
	Xylenes, m + p	ug/L	Tier 1	8.5	<0.74 U	<0.74 U	<0.74 U		**520**		0.74 J									<0.74 U
	xylenes, o	ug/L	Tier 1	15	<0.36 U	<0.36 U	<0.36 U		**510**		0.83 J									<0.36 U
	VOC-PAH																			
	Acenaphthene	ug/L	Tier 1	0.15 J	<0.0082 U	<0.0082 U	<0.0082 U		<0.16 U		<0.0082 U									<0.0082 U
	Acenaphthylene	ug/L	Tier 1	0.10 J	<0.0081 U	0.0083 J	<0.0081 U		<0.16 U		<0.0081 U									<0.0081 U
	Anthracene	ug/L	Tier 1	0.26 J	<0.012 U	<0.012 U	<0.012 U		<0.23 U		<0.012 U									<0.012 U
	Benzo (a) anthracene	ug/L	Tier 1	0.48	<0.016 U	<0.016 U	<0.016 U		<0.31 U		<0.016 U									<0.016 U
	Benzo (a) pyrene	ug/L	Tier 1	0.35 J	<0.018 U	<0.018 U	<0.018 U		<0.37 U		<0.018 U									<0.018 U
	Benzo (b) Fluoranthene	ug/L	Tier 1	0.37 J	<0.016 U	<0.016 U	<0.016 U		<0.31 U		<0.016 U									<0.016 U
	Benzo (g,h,i) perylene	ug/L	Tier 1	0.28 J	<0.019 U	<0.019 U	<0.019 U		<0.39 U		<0.019 U									<0.019 U
	Benzo (k) Fluoranthene	ug/l	Tier 1	0.31 J	<0.019 U	<0.019 U	<0.019 U		<0.39 U		<0.019 U									<0.019 U
	Chrysene	ug/L	Tier 1	0.43 J	<0.019 U	<0.019 U	<0.019 U		<0.38 U		<0.019 U									<0.019 U
	Dibenzo (a,h) anthracene	ug/l	Tier 1	<0.19 U	<0.019 U	<0.019 U	<0.019 U		<0.38 U		<0.019 U									<0.019 U
	Fluoranthene	ug/L	Tier 1	1.1	<0.015 U	<0.015 U	<0.015 U		<0.31 U		<0.015 U									<0.015 U
	Fluorene	ug/L	Tier 1	0.31 J	<0.0091 U	<0.0091 U	<0.0091 U		<0.18 U		<0.0091 U									<0.0091 U
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1	0.19 J	<0.019 U	<0.019 U	<0.019 U		<0.38 U		<0.019 U									<0.019 U
	Napthalene	ug/L	Tier 1	0.84	0.015 J	0.016 J	<0.012 U		4.8		0.017 J									<0.012 U
	Phenanthrene	ug/L	Tier 1	0.36 J	<0.011 U	<0.011 U	<0.011 U		<0.23 U		<0.011 U									<0.011 U
	Pyrene	ug/L	Tier 1	1.8	<0.015 U	<0.015 U	<0.015 U		<0.29 U		<0.015 U									<0.015 U
11/2/06	**Field**																			
	Depth to Water	ft	Tier 1	10.38	5.5		4.36		9.4		23.52	8.13	18.41	17.68	6.92		7.59	13.21		25.98
	Dissolved Oxygen	mg/L	Tier 1		0.8		<0.001						<0.01	0.7	<0.05		0.2	0.2		
	GW Elevation	ft msl	Tier 1	1581.15	1588.76		1585.9		1579.68		1567.16	1594.94	1603	1596.12	1588.64		1589.09	1601.89		1563.21
	ORP	mV	Tier 1		-56		-94		71			-43	-58	38	-50		34	-42		
	pH	S.U.	Tier 1		6.2		7.2		6.4			6.5	6.7	6.3	6.7		7	7.1		
	Specific Conductance	umhos/cm @25 degrees C	Tier 1		2547		315		1066			825	157	77	272		217	170		
	Temperature	Celcius	Tier 1		7.4		10		16			10	11	11	10		12	11		
	Turbidity	NTU	Tier 1		15		3					15	11	12	3		10	14		
	Metal																			
	Aluminum	ug/L	Tier 1	**80**	**430**		19 B	8.2 B	**360**			**58**	9.0 B	17 B	32 B		11 B	9.9 B		
	Aluminum, total	ug/L	Tier 1																	
	Antimony	ug/L	Tier 1	<0.24 U	0.31 B		<0.24 U	<0.24 U	0.26 B			0.44 B	<0.24 U	<0.24 U	<0.24 U		<0.24 U	<0.24 U		
	Antimony, total	ug/L	Tier 1																	
	Arsenic	ug/L	Tier 1	**28**	**18**		**10**	**10**	**160**			**26**	1.1	3.3	2.9		1.1	0.63 B		
	Arsenic, total	ug/L	Tier 1																	
	Barium	ug/L	Tier 1	340	490		32	33	230			310	37	17	74		29	33		
	Barium, total	ug/L	Tier 1																	
	Beryllium	ug/L	Tier 1	<0.10 U	0.18 B		<0.10 U	<0.10 U	<0.10 U			0.12 B	<0.10 U	<0.10 U	<0.10 U		<0.10 U	<0.10 U		
	Beryllium, total	ug/L	Tier 1																	
	Boron	ug/L	Tier 1	51	20		37	35	400			440	33	31	59		50	33		
	Boron, total	ug/L	Tier 1																	
	Cadmium	ug/L	Tier 1	<0.14 U	<0.14 U		<0.14 U	<0.14 U	<0.14 U			<0.14 U	<0.14 U	<0.14 U	<0.14 U		<0.14 U	<0.14 U		
	Cadmium, total	ug/L	Tier 1																	
	Calcium	ug/L	Tier 1	21000	250000		35000	35000	46000			100000	11000	5100	30000		20000	15000		

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-104	MW-11	MW-11	MW-12	MW-12	MW-5	MW-5	MW-6	MW-601	MW-602	MW-603	MW-604	MW-604	MW-605	MW-606	MW-606	MW-7
				MW-104	MW-11	Dup	MW-12	Dup	MW-5	Dup	MW-6	MW-601	MW-602	MW-603	MW-604	Dup	MW-605	MW-606	Dup	MW-7
	Calcium, total	ug/L	Tier 1																	
	Chromium	ug/L	Tier 1	2.9	8.9		0.91 B	0.36 B	10			2.6	<0.32 U	<0.32 U	0.44 B		0.44 B	<0.32 U		
	Chromium, total	ug/L	Tier 1																	
	Cobalt	ug/L	Tier 1	0.19 B	12		0.27 B	0.27 B	5.5			9.2	3.9	11	2.2		2.2	0.66 B		
	Cobalt, total	ug/L	Tier 1																	
	Copper	ug/L	Tier 1	0.3 B	2.2		<0.15 U	<0.15 U	2.3			1	0.32 B	<0.15 U	0.2 B		0.97 B	0.19 B		
	Copper, total	ug/L	Tier 1																	
	Iron	ug/L	Tier 1	**59000**	**270000**		**10000**	**9900**	**140000**			**41000**	**5500**	**2600**	**9200**		100	**410**		
	Iron, total	ug/L	Tier 1																	
	Lead	ug/L	Tier 1	1.3	0.13 B		<0.049 U	<0.049 U	0.27 B			0.19 B	<0.049 U	0.09 B	0.05 B		0.22 B	<0.049 U		
	Lead, total	ug/L	Tier 1																	
	Lithium	ug/L	Tier 1	1	1.8		1.6	1.5	0.33			1	5.9	7.3	4.4		2.3	4		
	Lithium, total	ug/L	Tier 1																	
	Magnesium	ug/L	Tier 1	5200	94000		12000	12000	14000			24000	7300	4100	12000		11000	11000		
	Magnesium, total	ug/L	Tier 1																	
	Manganese	ug/L	Tier 1	**2500**	**19000**		**970**	**940**	**3600**			**7800**	**5000**	**1200**	**2800**		**4900**	**1100**		
	Manganese, total	ug/L	Tier 1																	
	Mercury - low level	ng/L	Tier 1																	
	Dissolved	ng/L	Tier 1	1.4	1.55		0.366 B	0.360 B	8.34			1.33	<0.183 U	0.24 B	0.33 B		0.43 B	0.25 B		
	Molybdenum	ug/L	Tier 1	<0.61 U	2.5		<0.61 U	<0.61 U	17			6.5 B	4.4 B	1.7 B	1.7 B		4.7 B	6.0 B		
	Molybdenum, total	ug/L	Tier 1																	
	Nickel	ug/L	Tier 1	0.91 B	2.4		0.4 B	<0.32 U	24			8.5	15	67	1.2		6.1	6.3		
	Nickel, total	ug/L	Tier 1																	
	Potassium	ug/L	Tier 1	4100	14000		2000	1900	12000			11000	2300	1800	3400		4300	3300		
	Potassium, total	ug/L	Tier 1																	
	Selenium	ug/L	Tier 1	<0.67 U	2.6		<0.67 U	<0.67 U	1.2			1.9	<0.67 U	<0.67 U	<0.67 U		<0.67 U	<0.67 U		
	Selenium, total	ug/L	Tier 1																	
	Silver	ug/L	Tier 1	<0.034 U	<0.034 U		<0.034 U	<0.034 U	<0.034 U			<0.034 U	<0.034 U	<0.034 U	<0.034 U		<0.034 U	<0.034 U		
	Silver, total	ug/L	Tier 1																	
	Sodium	ug/L	Tier 1	5300	51000		3800	4100	71000			29000	600	350 B	1500		970	340 B		
	Sodium, total	ug/L	Tier 1																	
	Thallium	ug/L	Tier 1	<0.053 U	<0.053 U		<0.053 U	<0.053 U	<0.053 U			0.070 B	<0.053 U	<0.053 U	<0.053 U		<0.053 U	<0.053 U		
	Thallium, total	ug/L	Tier 1																	
	Total Hardness	ug/L	Tier 1																	
	Vanadium	ug/L	Tier 1	**4.6**	**16**		1.2	0.97 B	**21**			**5**	0.32 B	0.53 B	1.1		0.67 B	0.61 B		
	Vanadium, total	ug/L	Tier 1																	
	Zinc	ug/L	Tier 1	11	8.5 B		<0.98 U	<0.98 U	6.8 B			12	6.2 B	4.7 B	5.4 B		5.4 B	5.4 B		
	Zinc, total	ug/L	Tier 1																	
	Aroclor-1016	ug/L	Tier 1		<0.25 U		<0.25 U	<0.25 U	<0.23 U			<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U	<0.23 U		
	Aroclor-1221	ug/L	Tier 1		<0.25 U		<0.25 U	<0.25 U	<0.23 U			<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U	<0.23 U		
	Aroclor-1232	ug/L	Tier 1		<0.25 U		<0.25 U	<0.25 U	<0.23 U			<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U	<0.23 U		
	Aroclor-1242	ug/L	Tier 1		<0.25 U		<0.25 U	<0.25 U	<0.23 U			<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U	<0.23 U		
	Aroclor-1248	ug/L	Tier 1		<0.25 U		<0.25 U	<0.25 U	<0.23 U			<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U	<0.23 U		
	Aroclor-1254	ug/L	Tier 1		<0.25 U		<0.25 U	<0.25 U	<0.23 U			<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U	<0.23 U		
	Aroclor-1260	ug/L	Tier 1		<0.25 U		<0.25 U	<0.25 U	<0.23 U			<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U	<0.23 U		
	Total PCBs	ug/L	Tier 1		<0.25 U		<0.25 U	<0.25 U	<0.23 U			<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.23 U	<0.23 U		
	Physical Property																			
	Bicarbonate Alkalinity	mg/L	Tier 1		560		140	140	480			430	27	18	130		100	62		
	Carbonate Alkalinity	mg/L	Tier 1		<1.7 U		<1.7 U	<1.7 U	<1.7 U			<1.7 U	<1.7 U	<1.7 U	<1.7 U		<1.7 U	<1.7 U		
	Chloride	mg/L	Tier 1		36		2.9 B	2.9 B	9.6			9	2.3 B	2.4 B	2.7 B		2.5 B	2.4 B		
	Cyanide, total	mg/L	Tier 1	<0.0094 U	<0.0094 U		<0.0094 U	<0.0094 U	<0.0094 U			<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U		<0.0094 U	<0.0094 U		
	Fluoride	mg/L	Tier 1		<0.096 U		<0.096 U	<0.096 U	0.16 B			0.28 B	0.54	0.56	0.34 B		0.42 B	0.35 B		
	Nitrogen, Ammonia	mg/L	Tier 1		**22**		0.84	0.89	**19**			6.9	<0.20 U	<0.20 U	0.46 B		0.34 B	<0.20 U		
	Nitrogen, Nitrate	mg/L	Tier 1		<0.088 U		<0.088 U	<0.088 U	<0.088 U			<0.088 U	<0.088 U	<0.088 U	<0.088 U		<0.088 U	<0.088 U		
	Nitrogen, Nitrite	mg/L	Tier 1		<0.040 U		<0.040 U	<0.040 U	<0.040 U			<0.040 U	<0.040 U	<0.040 U	<0.040 U		<0.040 U	<0.040 U		
	Sulfate	mg/L	Tier 1		<0.77 U		12	12	1.4 B			15	34	16	2.8 B		11	25		

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-104	MW-11	MW-11	MW-12	MW-12	MW-5	MW-5	MW-6	MW-601	MW-602	MW-603	MW-604	MW-604	MW-605	MW-606	MW-606	MW-7
				MW-104	MW-11	Dup	MW-12	Dup	MW-5	Dup	MW-6	MW-601	MW-602	MW-603	MW-604	Dup	MW-605	MW-606	Dup	MW-7
	Sulfide	mg/L	Tier 1	<2.5 U	<2.5 U		<2.5 U	<2.5 U	<2.5 U			<2.5 U	<2.5 U	<2.5 U	<2.5 U		<2.5 U	<2.5 U		
	Total Alkalinity	mg/L	Tier 1		560		140	140	480			430	27	18	130		100	62		
	Total Hardness - Dissolved	mg/l	Tier 1	74	1000		50	140	170			350	57	30	120		96	82		
11/02/06	**VOC**																			
	1,1,1-Trichloroethane	ug/L	Tier 1	<0.90 U	<0.90 U		<0.90 U	<0.90 U	<9.0 U			<0.90 U	<0.90 U	<0.90 U	<0.90 U		<0.90 U	<0.90 U		
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1	<0.20 U	<0.20 U		<0.20 U	<0.20 U	<2.0 U			<0.20 U	<0.20 U	<0.20 U	<0.20 U		<0.20 U	<0.20 U		
	1,1,2-Trichloroethane	ug/L	Tier 1	<0.42 U	<0.42 U		<0.42 U	<0.42 U	<4.2 U			<0.42 U	<0.42 U	<0.42 U	<0.42 U		<0.42 U	<0.42 U		
	1,1-Dichloroethane	ug/L	Tier 1	<0.75 U	<0.75 U		<0.75 U	<0.75 U	<7.5 U			<0.75 U	<0.75 U	<0.75 U	<0.75 U		<0.75 U	<0.75 U		
	1,1-Dichloroethene	ug/L	Tier 1	<0.57 U	<0.57 U		<0.57 U	<0.57 U	<5.7 U			<0.57 U	<0.57 U	<0.57 U	<0.57 U		<0.57 U	<0.57 U		
	1,2-Dichloroethane	ug/L	Tier 1	<0.36 U	<0.36 U		<0.36 U	<0.36 U	<3.6 U			<0.36 U	<0.36 U	<0.36 U	<0.36 U		<0.36 U	<0.36 U		
	1,2-Dichloroethene, Total	ug/l	Tier 1	<1.4 U	<1.4 U		<1.4 U	<1.4 U	<14 U			<1.4 U	<1.4 U	<1.4 U	<1.4 U		<1.4 U	<1.4 U		
	1,2-Dichloropropane	ug/L	Tier 1	<0.46 U	<0.46 U		<0.46 U	<0.46 U	<4.6 U			<0.46 U	<0.46 U	<0.46 U	<0.46 U		<0.46 U	<0.46 U		
	2-Hexanone	ug/L	Tier 1	<1.1 U	<1.1 U		<1.1 U	<1.1 U	<11 U			<1.1 U	<1.1 U	<1.1 U	<1.1 U		<1.1 U	<1.1 U		
	4-Methyl-2-pentanone	ug/L	Tier 1	<1.2 U	<1.2 U		<1.2 U	<1.2 U	<12 U			<1.2 U	<1.2 U	<1.2 U	<1.2 U		<1.2 U	<1.2 U		
	Acetone	ug/L	Tier 1	<2.3 U	<2.3 U		<2.3 U	<2.3 U	<23 U			<2.3 U	<2.3 U	<2.3 U	<2.3 U		<2.3 U	<2.3 U		
	Benzene	ug/L	Tier 1	0.65 J	<0.41 U		<0.41 U	<0.41 U	**10**			<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U	<0.41 U		
	Bromodichloromethane	ug/L	Tier 1	<0.56 U	<0.56 U		<0.56 U	<0.56 U	<5.6 U			<0.56 U	<0.56 U	<0.56 U	<0.56 U		<0.56 U	<0.56 U		
	Bromoform	ug/L	Tier 1	<0.94 U	<0.94 U		<0.94 U	<0.94 U	<9.4 U			<0.94 U	<0.94 U	<0.94 U	<0.94 U		<0.94 U	<0.94 U		
	Bromomethane	ug/L	Tier 1	<0.91 U	<0.91 U		<0.91 U	<0.91 U	<9.1 U			<0.91 U	<0.91 U	<0.91 U	<0.91 U		<0.91 U	<0.91 U		
	Carbon Disulfide	ug/L	Tier 1	0.80 J	<0.66 U		<0.66 U	<0.66 U	<6.6 U			<0.66 U	<0.66 U	<0.66 U	<0.66 U		<0.66 U	<0.66 U		
	Carbon Tetrachloride	ug/L	Tier 1	<0.49 U	<0.49 U		<0.49 U	<0.49 U	<4.9 U			<0.49 U	<0.49 U	<0.49 U	<0.49 U		<0.49 U	<0.49 U		
	Chlorobenzene	ug/L	Tier 1	<0.41 U	<0.41 U		<0.41 U	<0.41 U	<4.1 U			<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U	<0.41 U		
	Chlorodibromomethane	ug/L	Tier 1	<0.81 U	<0.81 U		<0.81 U	<0.81 U	<8.1 U			<0.81 U	<0.81 U	<0.81 U	<0.81 U		<0.81 U	<0.81 U		
	Chloroethane	ug/L	Tier 1	<0.97 U	<0.97 U		<0.97 U	<0.97 U	<9.7 U			<0.97 U	<0.97 U	<0.97 U	<0.97 U		<0.97 U	<0.97 U		
	Chloroform	ug/L	Tier 1	<0.37 U	<0.37 U		<0.37 U	<0.37 U	<3.7 U			0.38 J	<0.37 U	<0.37 U	<0.37 U		<0.37 U	<0.37 U		
	Chloromethane	ug/L	Tier 1	<0.24 U	<0.24 U		<0.24 U	<0.24 U	<2.4 U			<0.24 U	<0.24 U	<0.24 U	<0.24 U		<0.24 U	<0.24 U		
	cis-1,3-Dichloropropene	ug/L	Tier 1	<0.19 U	<0.19 U		<0.19 U	<0.19 U	<1.9 U			<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U	<0.19 U		
	Ethylbenzene	ug/l	Tier 1	3.2	<0.54 U		<0.54 U	<0.54 U	**90**			<0.54 U	<0.54 U	<0.54 U	<0.54 U		<0.54 U	<0.54 U		
	Methel ethyl Ketone	ug/L	Tier 1	<4.3 U	<4.3 U		<4.3 U	<4.3 U	<43 U			<4.3 U	<4.3 U	<4.3 U	<4.3 U		<4.3 U	<4.3 U		
	Methylene Chloride	ug/L	Tier 1	<0.43 U	<0.43 U		<0.43 U	<0.43 U	<4.3 U			0.63 J	<0.43 U	<0.43 U	0.44 J		<0.43 U	<0.43 U		
	Styrene	ug/L	Tier 1	<0.86 U	<0.86 U		<0.86 U	<0.86 U	<8.6 U			<0.86 U	<0.86 U	<0.86 U	<0.86 U		<0.86 U	<0.86 U		
	Tetrachloroethene	ug/L	Tier 1	<0.45 U	<0.45 U		<0.45 U	<0.45 U	<4.5 U			<0.45 U	<0.45 U	<0.45 U	<0.45 U		<0.45 U	<0.45 U		
	Toluene	ug/L	Tier 1	1.2	<0.67 U		<0.67 U	<0.67 U	<6.7 U			<0.67 U	<0.67 U	<0.67 U	<0.67 U		<0.67 U	<0.67 U		
	trans-1,3-Dichloropropene	ug/L	Tier 1	<0.19 U	<0.19 U		<0.19 U	<0.19 U	<1.9 U			<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U	<0.19 U		
	Trichloroethene	ug/L	Tier 1	<0.48 U	<0.48 U		<0.48 U	<0.48 U	<4.8 U			<0.48 U	<0.48 U	<0.48 U	<0.48 U		<0.48 U	<0.48 U		
	Vinyl Chloride	ug/L	Tier 1	<0.18 U	<0.18 U		<0.18 U	<0.18 U	<1.8 U			<0.18 U	<0.18 U	<0.18 U	<0.18 U		<0.18 U	<0.18 U		
	Xylenes	ug/l	Tier 1	27	<2.6 U		<2.6 U	<2.6 U	**1400**			<2.6 U	<2.6 U	<2.6 U	<2.6 U		<2.6 U	<2.6 U		
	VOC-PAH																			
	Acenaphthene	ug/L	Tier 1		<0.0082 U		<0.0082 U	<0.0082 U	0.052			<0.0082 U	<0.0082 U	<0.0082 U	0.44		<0.0082 U	<0.0082 U		
	Acenaphthylene	ug/L	Tier 1		<0.0081 U		<0.0081 U	<0.0081 U	0.018 J			<0.0081 U	<0.0081 U	<0.0081 U	0.011 J		<0.0081 U	<0.0081 U		
	Anthracene	ug/L	Tier 1		<0.012 U		<0.012 U	<0.012 U	0.021 J			<0.012 U	<0.012 U	<0.012 U	0.043 J		<0.012 U	<0.012 U		
	Benzo (a) anthracene	ug/L	Tier 1		<0.016 U		<0.016 U	<0.016 U	<0.016 U			<0.016 U	<0.016 U	<0.016 U	<0.016 U		<0.016 U	<0.016 U		
	Benzo (a) pyrene	ug/L	Tier 1		<0.018 U		<0.018 U	<0.018 U	<0.018 U			<0.018 U	<0.018 U	<0.018 U	<0.018 U		<0.018 U	<0.018 U		
	Benzo (b) Fluoranthene	ug/L	Tier 1		<0.016 U		<0.016 U	<0.016 U	<0.016 U			<0.016 U	<0.016 U	<0.016 U	<0.016 U		<0.016 U	<0.016 U		
	Benzo (g,h,i) perylene	ug/L	Tier 1		<0.019 U		<0.019 U	<0.019 U	<0.019 U			<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U	<0.019 U		
	Benzo (k) Fluoranthene	ug/l	Tier 1		<0.019 U		<0.019 U	<0.019 U	<0.019 U			<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U	<0.019 U		
	Chrysene	ug/L	Tier 1		<0.019 U		<0.019 U	<0.019 U	<0.019 U			<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U	<0.019 U		
	Dibenzo (a,h) anthracene	ug/l	Tier 1		<0.019 U		<0.019 U	<0.019 U	<0.019 U			<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U	<0.019 U		
	Fluoranthene	ug/L	Tier 1		<0.015 U		<0.015 U	<0.015 U	<0.015 U			<0.015 U	<0.015 U	<0.015 U	0.044 J		<0.015 U	<0.015 U		
	Fluorene	ug/L	Tier 1		<0.0091 U		<0.0091 U	<0.0091 U	0.13			<0.0091 U	<0.0091 U	<0.0091 U	0.32		<0.0091 U	<0.0091 U		
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1		<0.019 U		<0.019 U	<0.019 U	<0.019 U			<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U	<0.019 U		
	Napthalene	ug/L	Tier 1		0.014 J		0.014 J	0.019 J	9.8			0.041 J	<0.012 U	<0.012 U	0.46		<0.012 U	<0.012 U		
	Phenanthrene	ug/L	Tier 1		<0.011 U		<0.011 U	<0.011 U	0.11			0.012 J	<0.011 U	0.012 J	0.047 J		<0.011 U	<0.011 U		
	Pyrene	ug/L	Tier 1		<0.015 U		<0.015 U	<0.015 U	0.015 J			<0.015 U	<0.015 U	<0.015 U	0.020 J		<0.015 U	<0.015 U		
3/5/07	**Field**																			

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-104	MW-11	MW-11	MW-12	MW-12	MW-5	MW-5	MW-6	MW-601	MW-602	MW-603	MW-604	MW-604	MW-605	MW-606	MW-606	MW-7
				MW-104	MW-11	Dup	MW-12	Dup	MW-5	Dup	MW-6	MW-601	MW-602	MW-603	MW-604	Dup	MW-605	MW-606	Dup	MW-7
	Depth to Water	ft	Tier 1	dry	3.64		4.35		11.84		dry	5.48	20.15	18.83	6.4		6.72	14.36		dry
	Dissolved Oxygen	mg/L	Tier 1		NM		<0.05		NM				<0.005	0.15	<0.05		0.1	0.2		
	GW Elevation	ft msl	Tier 1		1590.62		1585.91		1577.24			1597.59	1601.26	1594.97	1589.16		1589.96	1600.74		
	ORP	mV	Tier 1		-12		-103		-76				-136	-4	-71		-43	9		
	pH	S.U.	Tier 1		6.1		7.1		6.5				7.1	6.4	6.8		6.9	6.9		
	Specific Conductance	umhos/cm @25 degrees C	Tier 1		2352		309		1184				161	114	276		219	183		
	Temperature	Celcius	Tier 1		5.8		8.5		14				8.9	9.5	2.9		6.8	9.2		
	Turbidity	NTU	Tier 1		NM		NM		NM				NM	NM	NM		NM	NM		
	Metal																			
	Aluminum	ug/L	Tier 1		**470**	**470**	<6.3 U		**410**			45 B	<6.3 U	18 B	8.4 B		<6.3 U	<6.3 U	<6.3 U	
	Aluminum, total	ug/L	Tier 1				11 B													
	Antimony	ug/L	Tier 1		<0.24 U	<0.24 U	<0.24 U		<0.24 U			<0.24 U	<0.24 U	<0.24 U	<0.24 U		<0.24 U	<0.24 U	<0.24 U	
	Antimony, total	ug/L	Tier 1				<0.24 U													
	Arsenic	ug/L	Tier 1		9.7	9.8	9.2		**120**			**24**	1.4	3.7	2.8		1.6	0.51 B	0.48 B	
	Arsenic, total	ug/L	Tier 1				9.5													
	Barium	ug/L	Tier 1		440	440	30		220			270	22	11	39		33	17	17	
	Barium, total	ug/L	Tier 1				31													
	Beryllium	ug/L	Tier 1		<0.10 U	<0.10 U	<0.10 U		0.11 B			<0.10 U	<0.10 U	<0.10 U	<0.10 U		<0.10 U	<0.10 U	<0.10 U	
	Beryllium, total	ug/L	Tier 1				<0.10 U													
	Boron	ug/L	Tier 1		10 B	10 B	31		420			230	28	33	51		44	32	32	
	Boron, total	ug/L	Tier 1				33													
	Cadmium	ug/L	Tier 1		<0.12 U	<0.12 U	<0.12 U		<0.12 U			<0.12 U	<0.12 U	<0.12 U	<0.12 U		<0.12 U	<0.12 U	<0.12 U	
	Cadmium, total	ug/L	Tier 1				<0.12 U													
	Calcium	ug/L	Tier 1		200000	250000	34000		50000			99000	9800	6600	27000		20000	16000	16000	
	Calcium, total	ug/L	Tier 1				34000													
	Chromium	ug/L	Tier 1		7.2	7.2	<0.32 U		11			2.6	<0.32 U	<0.32 U	0.44 B		<0.32 U	<0.32 U	<0.32 U	
	Chromium, total	ug/L	Tier 1				<0.32 U													
	Cobalt	ug/L	Tier 1		9.4	9.6	0.24 B		4.8			7.8	0.20 B	16	0.95 B		1.9	0.45 B	0.45 B	
	Cobalt, total	ug/L	Tier 1				0.25 B													
	Copper	ug/L	Tier 1		<0.59 U	<0.59 U	<0.59 U		1.1			<0.59 U	<0.59 U	<0.59 U	<0.59 U		<0.59 U	<0.59 U	<0.59 U	
	Copper, total	ug/L	Tier 1				0.69 B													
	Iron	ug/L	Tier 1		**260000**	**340000**	**8600**		**170000**			**63000**	**8900**	**3900**	**14000**		**990**	**350**	**370**	
	Iron, total	ug/L	Tier 1				**9400**													
	Lead	ug/L	Tier 1		<0.049 U	<0.049 U	0.10 B		0.33 B			<0.049 U	<0.049 U	0.050 B	<0.049 U		<0.049 U	<0.049 U	<0.049 U	
	Lead, total	ug/L	Tier 1				0.10 B													
	Lithium	ug/L	Tier 1		1.1	0.97	1.6		0.7			0.99	7	9.2	3.5		2.6	4.4	4.2	
	Lithium, total	ug/L	Tier 1				1.9													
	Magnesium	ug/L	Tier 1		89000	110000	12000		17000			24000	6500	5500	12000		11000	11000	12000	
	Magnesium, total	ug/L	Tier 1				12000													
	Manganese	ug/L	Tier 1		**17000**	**21000**	**890**		**4100**			**6900**	**4900**	**1700**	**2300**		**4400**	**790**	**790**	
	Manganese, total	ug/L	Tier 1				**940**													
	Mercury - low level	ng/L	Tier 1				0.808													
	Dissolved	ng/L	Tier 1		1.07	1.04	0.708		0.916			0.785	0.364 B	0.386 B	0.496 B		0.72	0.461 B	0.533	
	Molybdenum	ug/L	Tier 1		<0.61 U	<0.61 U	<0.61 U		3.0 B			3.9 B	5.2 B	1.5 B	1.4 B		3.8 B	4.7 B	4.7 B	
	Molybdenum, total	ug/L	Tier 1				<0.61 U													
	Nickel	ug/L	Tier 1		2.4	2.3	0.63 B		26			7.2	0.82 B	**100**	0.70 B		4.2	3.4	3.5	
	Nickel, total	ug/L	Tier 1				0.62 B													
	Potassium	ug/L	Tier 1		11000	10000	1700		11000			8900	1900	2000	2800		4000	3300	3300	
	Potassium, total	ug/L	Tier 1				1600													
	Selenium	ug/L	Tier 1		1.2	1.4	<0.67 U		1.2			1	<0.67 U	<0.67 U	<0.67 U		<0.67 U	<0.67 U	<0.67 U	
	Selenium, total	ug/L	Tier 1				<0.67 U													
	Silver	ug/L	Tier 1		<0.068 U	<0.068 U	<0.068 U		<0.034 U			<0.034 U	<0.034 U	<0.034 U	<0.034 U		<0.034 U	<0.034 U	<0.034 U	
	Silver, total	ug/L	Tier 1				<0.068 U													
	Sodium	ug/L	Tier 1		46000	56000	3900		<17 U			18000	610	420 B	1400		960	620	330 B	
	Sodium, total	ug/L	Tier 1				3600													
	Thallium	ug/L	Tier 1		<0.053 U	<0.053 U	<0.053 U		<0.053 U			<0.053 U	<0.053 U	<0.053 U	<0.053 U		<0.053 U	<0.053 U	<0.053 U	

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-104	MW-11	MW-11	MW-12	MW-12	MW-5	MW-5	MW-6	MW-601	MW-602	MW-603	MW-604	MW-604	MW-605	MW-606	MW-606	MW-7
				MW-104	MW-11	Dup	MW-12	Dup	MW-5	Dup	MW-6	MW-601	MW-602	MW-603	MW-604	Dup	MW-605	MW-606	Dup	MW-7
	Thallium, total	ug/L	Tier 1				<0.053 U													
	Total Hardness	ug/L	Tier 1				130000													
	Vanadium	ug/L	Tier 1		**14**	**15**	0.80 B		**24**			**4.8**	0.32 B	0.46 B	0.82 B		0.42 B	0.37 B	0.29 B	
	Vanadium, total	ug/L	Tier 1				0.86 B													
	Zinc	ug/L	Tier 1		6.9 B	8.2 B	11		26			6.7 B	<0.98 U	<0.98 U	<0.98 U		<0.98 U	<0.98 U	<0.98 U	
	Zinc, total	ug/L	Tier 1				13													
3/5/07	**PCB's**																			
	Aroclor-1016	ug/L	Tier 1		<0.13 U	<0.13 U			<0.13 U			<0.11 U								
	Aroclor-1221	ug/L	Tier 1		<0.13 U	<0.13 U			<0.13 U			<0.11 U								
	Aroclor-1232	ug/L	Tier 1		<0.13 U	<0.13 U			<0.13 U			<0.11 U								
	Aroclor-1242	ug/L	Tier 1		<0.13 U	<0.13 U			<0.13 U			<0.11 U								
	Aroclor-1248	ug/L	Tier 1		<0.13 U	<0.13 U			<0.13 U			<0.11 U								
	Aroclor-1254	ug/L	Tier 1		<0.13 U	<0.13 U			<0.13 U			<0.11 U								
	Aroclor-1260	ug/L	Tier 1		<0.13 U	<0.13 U			<0.13 U			<0.11 U								
	Total PCBs	ug/L	Tier 1		<0.13 U	<0.13 U			<0.13 U			<0.11 U								
	Physical Property																			
	Bicarbonate Alkalinity	mg/L	Tier 1		470	470	150		480			480	31	24	130		110	66	66	
	Carbonate Alkalinity	mg/L	Tier 1		<1.7 U	<1.7 U	<1.7 U		<1.7 U			<1.7 U	<1.7 U	<1.7 U	<1.7 U		<1.7 U	<1.7 U	<1.7 U	
	Chloride	mg/L	Tier 1		40	40	3.6 B		13			6.9	2.5 B	2.5 B	2.7 B		2.6 B	2.5 B	2.6 B	
	Cyanide, total	mg/L	Tier 1		<0.0094 U	<0.0094 U	<0.0094 U		<0.0094 U			<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U		<0.0094 U	<0.0094 U	<0.0094 U	
	Fluoride	mg/L	Tier 1		<0.059 U	<0.059 U	0.19 B		0.19 B			0.34 B	0.55	0.58	0.42 B		0.42 B	0.35 B	0.38 B	
	Nitrogen, Ammonia	mg/L	Tier 1		**18**	**20**	0.67 B		**18**			8.7	<0.50 U	<0.50 U	<0.50 U		<0.50 U	<0.50 U	<0.50 U	
	Nitrogen, Nitrate	mg/L	Tier 1		<0.085 U	<0.085 U	<0.085 U		<0.085 U			<0.085 U	<0.085 U	<0.085 U	<0.085 U		<0.085 U	<0.085 U	<0.085 U	
	Nitrogen, Nitrite	mg/L	Tier 1		<0.036 U	<0.036 U	<0.036 U		<0.036 U			<0.036 U	<0.036 U	<0.036 U	<0.036 U		<0.036 U	0.070 B	<0.036 U	
	Sulfate	mg/L	Tier 1		**940**	**940**	15		1.8 B			9.3	35	26	1.8 B		11	27	27	
	Sulfide	mg/L	Tier 1		4.0 B	<2.5 U	<2.5 U		<2.5 U			<2.5 U	<2.5 U	<2.5 U	<2.5 U		<2.5 U	<2.5 U	<2.5 U	
	Total Alkalinity	mg/L	Tier 1		470	470	150		480			480	31	24	130		110	66	66	
	Total Hardness - Dissolved	mg/l	Tier 1		880	1100	140		190			350	51	39	120		95	87	89	
	VOC																			
	1,1,1-Trichloroethane	ug/L	Tier 1		<0.90 U	<0.90 U	<0.90 U		<18 U			<0.90 U	<0.90 U	<0.90 U	<0.90 U		<0.90 U	<0.90 U	<0.90 U	
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1		<0.20 U	<0.20 U	<0.20 U		<4.0 U			<0.20 U	<0.20 U	<0.20 U	<0.20 U		<0.20 U	<0.20 U	<0.20 U	
	1,1,2-Trichloroethane	ug/L	Tier 1		<0.42 U	<0.42 U	<0.42 U		<8.4 U			<0.42 U	<0.42 U	<0.42 U	<0.42 U		<0.42 U	<0.42 U	<0.42 U	
	1,1-Dichloroethane	ug/L	Tier 1		<0.75 U	<0.75 U	<0.75 U		<15 U			<0.75 U	<0.75 U	<0.75 U	<0.75 U		<0.75 U	<0.75 U	<0.75 U	
	1,1-Dichloroethene	ug/L	Tier 1		<0.57 U	<0.57 U	<0.57 U		<11 U			<0.57 U	<0.57 U	<0.57 U	<0.57 U		<0.57 U	<0.57 U	<0.57 U	
	1,2-Dichloroethane	ug/L	Tier 1		<0.36 U	<0.36 U	<0.36 U		<7.2 U			<0.36 U	<0.36 U	<0.36 U	<0.36 U		<0.36 U	<0.36 U	<0.36 U	
	1,2-Dichloroethene, Total	ug/l	Tier 1		<1.4 U	<1.4 U	<1.4 U		<28 U			<1.4 U	<1.4 U	<1.4 U	<1.4 U		<1.4 U	<1.4 U	<1.4 U	
	1,2-Dichloropropane	ug/L	Tier 1		<0.46 U	<0.46 U	<0.46 U		<9.2 U			<0.46 U	<0.46 U	<0.46 U	<0.46 U		<0.46 U	<0.46 U	<0.46 U	
	2-Hexanone	ug/L	Tier 1		<1.1 U	<1.1 U	<1.1 U		<22 U			<1.1 U	<1.1 U	<1.1 U	<1.1 U		<1.1 U	<1.1 U	<1.1 U	
	4-Methyl-2-pentanone	ug/L	Tier 1		<1.2 U	<1.2 U	<1.2 U		<24 U			<1.2 U	<1.2 U	<1.2 U	<1.2 U		<1.2 U	<1.2 U	<1.2 U	
	Acetone	ug/L	Tier 1		11	13	<2.3 U		<46 U			<2.3 U	<2.3 U	<2.3 U	<2.3 U		<2.3 U	<2.3 U	<2.3 U	
	Benzene	ug/L	Tier 1		<0.41 U	<0.41 U	<0.41 U		9.8 J			<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U	<0.41 U	<0.41 U	
	Bromodichloromethane	ug/L	Tier 1		<0.56 U	<0.56 U	<0.56 U		<11 U			<0.56 U	<0.56 U	<0.56 U	<0.56 U		<0.56 U	<0.56 U	<0.56 U	
	Bromoform	ug/L	Tier 1		<0.94 U	<0.94 U	<0.94 U		<19 U			<0.94 U	<0.94 U	<0.94 U	<0.94 U		<0.94 U	<0.94 U	<0.94 U	
	Bromomethane	ug/L	Tier 1		<0.91 U	<0.91 U	<0.91 U		<18 U			<0.91 U	<0.91 U	<0.91 U	<0.91 U		<0.91 U	<0.91 U	<0.91 U	
	Carbon Disulfide	ug/L	Tier 1		<0.66 U	<0.66 U	<0.66 U		<13 U			<0.66 U	<0.66 U	<0.66 U	<0.66 U		<0.66 U	<0.66 U	<0.66 U	
	Carbon Tetrachloride	ug/L	Tier 1		<0.49 U	<0.49 U	<0.49 U		<9.8 U			<0.49 U	<0.49 U	<0.49 U	<0.49 U		<0.49 U	<0.49 U	<0.49 U	
	Chlorobenzene	ug/L	Tier 1		<0.41 U	<0.41 U	<0.41 U		<8.2 U			<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U	<0.41 U	<0.41 U	
	Chlorodibromomethane	ug/L	Tier 1		<0.81 U	<0.81 U	<0.81 U		<16 U			<0.81 U	<0.81 U	<0.81 U	<0.81 U		<0.81 U	<0.81 U	<0.81 U	
	Chloroethane	ug/L	Tier 1		<0.97 U	<0.97 U	<0.97 U		<19 U			<0.97 U	<0.97 U	<0.97 U	<0.97 U		<0.97 U	<0.97 U	<0.97 U	
	Chloroform	ug/L	Tier 1		<0.37 U	<0.37 U	<0.37 U		<7.4 U			<0.37 U	<0.37 U	<0.37 U	<0.37 U		<0.37 U	<0.37 U	<0.37 U	
	Chloromethane	ug/L	Tier 1		<0.24 U	<0.24 U	<0.24 U		<4.8 U			<0.24 U	<0.24 U	<0.24 U	<0.24 U		<0.24 U	<0.24 U	0.52 J	
	cis-1,3-Dichloropropene	ug/L	Tier 1		<0.19 U	<0.19 U	<0.19 U		<3.8 U			<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U	<0.19 U	<0.19 U	
	Ethylbenzene	ug/l	Tier 1		<0.54 U	<0.54 U	<0.54 U		62			<0.54 U	<0.54 U	<0.54 U	<0.54 U		<0.54 U	<0.54 U	<0.54 U	
	Methel ethyl Ketone	ug/L	Tier 1		<4.3 U	<4.3 U	<4.3 U		<86 U			<4.3 U	<4.3 U	<4.3 U	<4.3 U		<4.3 U	<4.3 U	<4.3 U	
	Methylene Chloride	ug/L	Tier 1		<0.43 U	<0.43 U	<0.43 U		11 J			<0.43 U	<0.43 U	<0.43 U	<0.43 U		<0.43 U	<0.43 U	<0.43 U	

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-104	MW-11	MW-11	MW-12	MW-12	MW-5	MW-5	MW-6	MW-601	MW-602	MW-603	MW-604	MW-604	MW-605	MW-606	MW-606	MW-7
				MW-104	MW-11	Dup	MW-12	Dup	MW-5	Dup	MW-6	MW-601	MW-602	MW-603	MW-604	Dup	MW-605	MW-606	Dup	MW-7
	Styrene	ug/L	Tier 1		<0.86 U	<0.86 U	<0.86 U		<17 U			<0.86 U	<0.86 U	<0.86 U	<0.86 U		<0.86 U	<0.86 U	<0.86 U	
	Tetrachloroethene	ug/L	Tier 1		<0.45 U	<0.45 U	<0.45 U		<9.0 U			<0.45 U	<0.45 U	<0.45 U	<0.45 U		<0.45 U	<0.45 U	<0.45 U	
	Toluene	ug/L	Tier 1		<0.67 U	<0.67 U	<0.67 U		<13 U			<0.67 U	<0.67 U	<0.67 U	<0.67 U		<0.67 U	<0.67 U	<0.67 U	
	trans-1,3-Dichloropropene	ug/L	Tier 1		<0.19 U	<0.19 U	<0.19 U		<3.8 U			<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U	<0.19 U	<0.19 U	
	Trichloroethene	ug/L	Tier 1		<0.48 U	<0.48 U	<0.48 U		<9.6 U			<0.48 U	<0.48 U	<0.48 U	<0.48 U		<0.48 U	<0.48 U	<0.48 U	
	Vinyl Chloride	ug/L	Tier 1		<0.18 U	<0.18 U	<0.18 U		<3.6 U			<0.18 U	<0.18 U	<0.18 U	<0.18 U		<0.18 U	<0.18 U	<0.18 U	
	Xylenes	ug/l	Tier 1		<2.6 U	<2.6 U	<2.6 U		**1000**			<2.6 U	<2.6 U	<2.6 U	<2.6 U		<2.6 U	<2.6 U	<2.6 U	
	VOC-PAH																			
	Acenaphthene	ug/L	Tier 1		<0.0089 U	<0.0094 U			<0.89 U			<0.0082 U								
	Acenaphthylene	ug/L	Tier 1		<0.0089 U	<0.0093 U			<0.89 U			<0.0081 U								
	Anthracene	ug/L	Tier 1		<0.013 U	<0.013 U			<1.3 U			<0.012 U								
	Benzo (a) anthracene	ug/L	Tier 1		<0.017 U	<0.018 U			<1.7 U			<0.016 U								
	Benzo (a) pyrene	ug/L	Tier 1		<0.020 U	<0.021 U			<2.0 U			<0.018 U								
	Benzo (b) Fluoranthene	ug/L	Tier 1		<0.017 U	<0.018 U			<1.7 P,U			<0.016 U								
	Benzo (g,h,i) perylene	ug/L	Tier 1		<0.021 U	<0.022 U			<2.1 P,U			<0.019 U								
	Benzo (k) Fluoranthene	ug/l	Tier 1		<0.021 U	<0.022 U			<2.1 P,U			<0.019 U								
	Chrysene	ug/L	Tier 1		<0.021 U	<0.022 U			<2.1 P,U			<0.019 U								
	Dibenzo (a,h) anthracene	ug/l	Tier 1		<0.021 U	<0.022 U			<2.1 U			<0.019 U								
	Fluoranthene	ug/L	Tier 1		<0.017 U	<0.018 U			<1.7 U			0.022 J								
	Fluorene	ug/L	Tier 1		<0.0099 U	0.012 J			<0.99 U			<0.0091 U								
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1		<0.021 U	<0.022 U			<2.1 U			<0.019 U								
	Napthalene	ug/L	Tier 1		0.030 J	0.22			23			0.027 J								
	Phenanthrene	ug/L	Tier 1		<0.012 U	<0.013 U			1.7 J			0.015 J								
	Pyrene	ug/L	Tier 1		<0.016 U	<0.017 U			<1.6 U			0.021 J								
5/9/07	**Field**																			
	Depth to Water	ft	Tier 1	7.46	6.09		3.51		8.15		Dry	3.9	16.9	17.58	6.04		6.21	13.06		23.17
	GW Elevation	ft msl	Tier 1	1584.07	1588.17		1586.75		1580.93			1599.17	1604.51	1596.22	1589.52		1590.47	1602.04		1566.02
6/5/07	**Field**																			
	Depth to Water	ft	Tier 1	8.02	6.84		4.59		8.04		Dry	4.52	17.1	17.42	6.39		6.68	12.82		23.95
	Dissolved Oxygen	mg/L	Tier 1	2	3		2		0.8		d	i			<0.005					i
	GW Elevation	ft msl	Tier 1	1583.51	1587.42		1585.67		1581.04			1598.55	1604.31	1596.38	1589.17		1590	1602.28		1565.24
	ORP	mV	Tier 1	-17	-41		-78		-79		d	i			-64					i
	pH	S.U.	Tier 1	6.2	5.93		6.6		6.3		d	i			6.8					i
	Specific Conductance	umhos/cm @25 degrees C	Tier 1	208.5	1964		283.6		1048		d	i			230					i
	Temperature	Celcius	Tier 1	16.8	26.7		13.3		15.2		d	i			12.8					i
	Metal																			
	Aluminum	ug/L	Tier 1	**110**	**740**		<4.4 U		**430**	**480**		**5500**			**66**	50 B				
	Antimony	ug/L	Tier 1	0.39 B	0.28 B		<0.10 U		0.22 B	<0.10 U		0.95 B			<0.10 U	<0.10 U				
	Arsenic	ug/L	Tier 1	**54**	9.1		9.1		**110**	**110**		**67**			2.1	2.1				
	Barium	ug/L	Tier 1	160	420		30		190	190		170			34	34				
	Beryllium	ug/L	Tier 1	<0.070 U	**5**		<0.070 U		0.14 B	0.10 B		0.30 B			<0.070 U	<0.070 U				
	Boron	ug/L	Tier 1	52	14		34		430	430		**1000**			41	42				
	Cadmium	ug/L	Tier 1	<0.097 U	<0.097 U		<0.097 U		0.17 B	0.11 B		0.22 B			<0.097 U	<0.097 U				
	Calcium	ug/L	Tier 1	20000	190000		36000		43000	44000		76000			21000	21000				
	Chromium	ug/L	Tier 1	3.1	9.3		<0.43 U		8.4	8.8		17			<0.43 U	<0.43 U				
	Cobalt	ug/L	Tier 1	0.64 B	10		0.21 B		2.5	2.6		13			1.1	1.1				
	Copper	ug/L	Tier 1	3.2	640		<0.12 U		1.3	1.3		32			1.4	1.2				
	Iron	ug/L	Tier 1	**54000**	**280000**		**10000**		**140000**	**140000**		**26000**			**8200**	**8800**				
	Lead	ug/L	Tier 1	**6.3**	**9**		<0.044 U		1.2	1.4		**11**			0.13 B	0.17 B				
	Lithium	ug/L	Tier 1	2.7	4.3		1.2		0.25	0.24		3			3	3				
	Magnesium	ug/L	Tier 1	5600	78000		13000		14000	14000		17000			9100	9100				
	Manganese	ug/L	Tier 1	**2200**	**18000**		**1000**		**3400**	**3400**		**7700**			**1600**	**1600**				
	Mercury - low level	ng/L	Tier 1	4.29	3.22		0.386 B		4	4.05		15.7			0.737	0.725				
	Molybdenum	ug/L	Tier 1	2.6 B	0.45 B		<0.12 U		1.7 B	1.5 B		9.4 B			2.3 B	2.2 B				
	Nickel	ug/L	Tier 1	6	2.4		0.12 B		14	15		32			1.4	1.3				

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-104	MW-11	MW-11	MW-12	MW-12	MW-5	MW-5	MW-6	MW-601	MW-602	MW-603	MW-604	MW-604	MW-605	MW-606	MW-606	MW-7
				MW-104	MW-11	Dup	MW-12	Dup	MW-5	Dup	MW-6	MW-601	MW-602	MW-603	MW-604	Dup	MW-605	MW-606	Dup	MW-7
	Potassium	ug/L	Tier 1	5300	12000		1700		9600	9900		10000			2600	2500				
	Selenium	ug/L	Tier 1	0.64 B	1.2		<0.15 U		1.5	1.3		1.2			0.18 B	0.16 B				
	Silver	ug/L	Tier 1	<0.11 U	0.15 B		<0.11 U		0.17 B	<0.11 U		<0.11 U			<0.11 U	<0.11 U				
	Sodium	ug/L	Tier 1	2900	46000		3800		64000	65000		65000			4600	4600				
	Thallium	ug/L	Tier 1	<0.030 U	<0.030 U		<0.030 U		0.050 B	<0.030 U		0.070 B			<0.030 U	<0.030 U				
	Total Hardness	ug/L	Tier 1	74000	810000		140000		160000	170000		260000			90000	91000				
	Vanadium	ug/L	Tier 1	**4.5**	**14**		<0.41 U		**20**	**20**		**18**			<0.41 U	<0.41 U				
	Zinc	ug/L	Tier 1	21	400		<2.1 U		9.6 B	10		45			3.2 B	3.5 B				
	Physical Property																			
	Bicarbonate Alkalinity	mg/L	Tier 1	110	410		140		390	380					98	96				110
	Carbonate Alkalinity	mg/L	Tier 1	<3.2 U	<3.2 U		<3.2 U		<3.2 U	<3.2 U					<3.2 U	<3.2 U				<3.2 U
	Chloride	mg/L	Tier 1	3.4 B	41		3.3 B		9.6	9.6					3.2 B	3.2 B				3.5 B
	Cyanide, total	mg/L	Tier 1	<0.0060 U	<0.0060 U		<0.0060 U		<0.0060 U	<0.0060 U					<0.0060 U	<0.0060 U				
	Fluoride	mg/L	Tier 1	0.22 B	<0.059 U		0.19 B		0.22 B	0.22 B					0.41 B	0.41 B				0.23 B
	Nitrogen, Ammonia	mg/L	Tier 1	1.1	**19**		0.61 B		**14**	**14**					<0.50 U	<0.50 U				
	Nitrogen, Nitrate	mg/L	Tier 1	0.14 B	<0.085 U		<0.085 U		<0.085 U	<0.085 U					<0.085 U	<0.085 U				0.16 B
	Nitrogen, Nitrite	mg/L	Tier 1	<0.036 U	<0.036 U		<0.036 U		<0.036 U	<0.036 U					<0.036 U	<0.036 U				<0.036 U
	Sulfate	mg/L	Tier 1	22	**860**		10		3.3 B	3.2 B					11	11				88
	Sulfide	mg/L	Tier 1		<2.3 U															
	Total Alkalinity	mg/L	Tier 1	110	410		140		390	380					98	96				110
	VOC																			
	1,1,1-Trichloroethane	ug/L	Tier 1																	
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1																	
	1,1,2-Trichloroethane	ug/L	Tier 1																	
	1,1-Dichloroethane	ug/L	Tier 1																	
	1,1-Dichloroethene	ug/L	Tier 1																	
	1,2-Dichloroethane	ug/L	Tier 1																	
	1,2-Dichloroethene, Total	ug/l	Tier 1																	
	1,2-Dichloropropane	ug/L	Tier 1																	
	2-Hexanone	ug/L	Tier 1																	
	4-Methyl-2-pentanone	ug/L	Tier 1																	
	Acetone	ug/L	Tier 1																	
	Benzene	ug/L	Tier 1	0.35 J					**10**	**10**										
	Bromodichloromethane	ug/L	Tier 1																	
	Bromoform	ug/L	Tier 1																	
	Bromomethane	ug/L	Tier 1																	
	Carbon Disulfide	ug/L	Tier 1																	
	Carbon Tetrachloride	ug/L	Tier 1																	
	Chlorobenzene	ug/L	Tier 1																	
	Chlorodibromomethane	ug/L	Tier 1																	
	Chloroethane	ug/L	Tier 1																	
	Chloroform	ug/L	Tier 1																	
	Chloromethane	ug/L	Tier 1																	
	cis-1,3-Dichloropropene	ug/L	Tier 1																	
	Ethylbenzene	ug/l	Tier 1	<0.40 U					**86**	**88**										
	Methel ethyl Ketone	ug/L	Tier 1																	
	Methylene Chloride	ug/L	Tier 1																	
	Styrene	ug/L	Tier 1																	
	Tetrachloroethene	ug/L	Tier 1																	
	Toluene	ug/L	Tier 1	<0.36 U					3.3 J	3.2 J										
	trans-1,3-Dichloropropene	ug/L	Tier 1																	
	Trichloroethene	ug/L	Tier 1																	
	Vinyl Chloride	ug/L	Tier 1																	
	Xylenes	ug/l	Tier 1																	
	Xylenes, m + p	ug/L	Tier 1	1.1 J					**670**	**700**										
	xylenes, o	ug/L	Tier 1	1.9					**610**	**630**										

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-104	MW-11	MW-11	MW-12	MW-12	MW-5	MW-5	MW-6	MW-601	MW-602	MW-603	MW-604	MW-604	MW-605	MW-606	MW-606	MW-7
				MW-104	MW-11	Dup	MW-12	Dup	MW-5	Dup	MW-6	MW-601	MW-602	MW-603	MW-604	Dup	MW-605	MW-606	Dup	MW-7
	VOC-PAH																			
	Acenaphthene	ug/L	Tier 1	0.067 J					<0.16 U	0.041 J										<0.012 U
	Acenaphthylene	ug/L	Tier 1	<0.041 U					<0.16 U	0.047										<0.012 U
	Anthracene	ug/L	Tier 1	<0.058 U					<0.23 U	0.020 J										<0.017 U
	Benzo (a) anthracene	ug/L	Tier 1	<0.078 U					<0.31 U	<0.016 U										<0.023 U
	Benzo (a) pyrene	ug/L	Tier 1	<0.092 U					<0.37 U	<0.018 U										<0.027 U
	Benzo (b) Fluoranthene	ug/L	Tier 1	0.092 J					<0.31 U	<0.016 U										<0.023 U
	Benzo (g,h,i) perylene	ug/L	Tier 1	<0.096 U					<0.39 U	<0.019 U										<0.028 U
	Benzo (k) Fluoranthene	ug/l	Tier 1	<0.097 U					<0.39 U	<0.019 U										<0.028 U
	Chrysene	ug/L	Tier 1	<0.095 U					<0.38 U	<0.019 U										<0.028 U
	Dibenzo (a,h) anthracene	ug/l	Tier 1	<0.094 U					<0.38 U	<0.019 U										<0.028 U
	Fluoranthene	ug/L	Tier 1	<0.077 U					<0.31 U	<0.015 U										<0.023 U
	Fluorene	ug/L	Tier 1	<0.045 U					<0.18 U	0.17										<0.013 U
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1	<0.094 U					<0.38 U	<0.019 U										<0.028 U
	Napthalene	ug/L	Tier 1	5.5					29	31										<0.018 U
	Phenanthrene	ug/L	Tier 1	<0.057 U					<0.23 U	0.044 J										<0.017 U
	Pyrene	ug/L	Tier 1	0.13 J					<0.29 U	<0.015 U										<0.021 U
8/2/07	Depth to Water	ft	Tier 1	9.44	7.96		5.63		8.71		Dry	7.64	18.48	17.94	7.09		7.76	13.52		25.93
	GW Elevation	ft msl	Tier 1	1582.09	1586.3		1584.63		1580.37		Dry	1595.43	1602.93	1595.86	1588.47		1588.92	1601.58		1563.26

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-9	P-602	P-602	P-604	P-605	PW-1	PW-1	PW-2	PW-4	PW-4	Trip Blank	Trip Blank	Trip Blank	Residential Commercial Drinking Water Criteria	Residential Commercial Code
				MW-9	P-602	Dup	P-604	P-605	PW-1	Dup	PW-2	PW-4	Dup	TB-1	TB 1-1	TB 2-1		
6/13/06	**Field**																	
	Dissolved Oxygen	mg/L	Tier 1	<0.005					0.05		1	<0.005						
	GW Elevation	ft msl	Tier 1	1590.13														
	ORP	mV	Tier 1	-21					12		89	-66						
	pH	S.U.	Tier 1	7							7	7						
	Specific Conductance	umhos/cm @25 degrees C	Tier 1	198					329		571	520						
	Temperature	Celcius	Tier 1	11					15		12	16						
6/22/06	**Metal**																	
	Aluminum	ug/L	Tier 1														**50**	V
	Aluminum, total	ug/L	Tier 1	7.9					**82.2**	**80.4**	15.6	**161**	**160**				**50**	V
	Antimony	ug/L	Tier 1						0.06	0.049							**6**	A
	Antimony, total	ug/L	Tier 1	<0.13 U							0.14	<0.13 U	<0.13 U				**6**	A
	Arsenic	ug/L	Tier 1														**10**	A
	Arsenic, total	ug/L	Tier 1	7.6					1.4	1.4	0.3	**102**	**98.2**				**10**	A
	Barium	ug/L	Tier 1														**2000**	A
	Barium, total	ug/L	Tier 1	21.5					53.2	56.2	20.4	87.6	83.6				**2000**	A
	Beryllium	ug/L	Tier 1														**4**	A
	Beryllium, total	ug/L	Tier 1	**5.6**					**8.3**	**8**	**11**	**20.6**	**20.1**				**4**	A
	Boron	ug/L	Tier 1														**500**	F
	Boron, total	ug/L	Tier 1	33					55.3	52.6	72.3	143	135				**500**	F
	Cadmium	ug/L	Tier 1							0.025							**5**	A
	Cadmium, total	ug/L	Tier 1	<0.057 U					<0.057 U		1.5	<0.057 U	<0.057 U				**5**	A
	Calcium	ug/L	Tier 1															
	Calcium, total	ug/L	Tier 1	18500					25100	24800	67300	33300	32100					
	Chromium	ug/L	Tier 1														**100**	A
	Chromium, total	ug/L	Tier 1	<0.3 U					3.2	1.9	0.43	4.3	4.1				**100**	A
	Cobalt	ug/L	Tier 1														**40**	
	Cobalt, total	ug/L	Tier 1	0.8					0.75	0.73	19.1	0.49	0.47				**40**	
	Copper	ug/L	Tier 1														**1000**	E
	Copper, total	ug/L	Tier 1	0.28					0.9	0.61	2.3	0.12	0.11				**1000**	E
	Iron	ug/L	Tier 1														**300**	E
	Iron, total	ug/L	Tier 1	**9470**					**12200**	**12100**	**335**	**82800**	**80600**				**300**	E
	Lead	ug/L	Tier 1						0.064	0.081							**4**	L
	Lead, total	ug/L	Tier 1	<0.1 U							0.11	<0.1 U	<0.1 U				**4**	L
	Lithium	ug/L	Tier 1														**170**	
	Lithium, total	ug/L	Tier 1	0.54					0.1	0.083	8.8	0.22	0.12				**170**	
	Magnesium	ug/L	Tier 1														**400000**	
	Magnesium, total	ug/L	Tier 1	5900					15500	15400	34900	15000	14500				**400000**	
	Manganese	ug/L	Tier 1														**50**	E
	Manganese, total	ug/L	Tier 1	**367**					**2670**	**2610**	**382**	**5560**	**5440**				**50**	E
	Mercury	ug/L	Tier 1														**2**	A
	Mercury, total	ug/L	Tier 1	<0.2 U					<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U				**2**	A
	Molybdenum	ug/L	Tier 1														**73**	
	Molybdenum, total	ug/L	Tier 1	1.4					0.26	0.28	0.59	5.6	5.3				**73**	
	Nickel	ug/L	Tier 1														**100**	A
	Nickel, total	ug/L	Tier 1	3.6					1.4	0.83	58.1	1	0.96				**100**	A
	Potassium	ug/L	Tier 1															
	Potassium, total	ug/L	Tier 1	2320					3840	3780	3600	5790	5900					
	Selenium	ug/L	Tier 1						0.2	0.2	0.21						**50**	A
	Selenium, total	ug/L	Tier 1	<0.4 U								<0.4 U	<0.4 U				**50**	A
	Silver	ug/L	Tier 1														**34**	
	Silver, total	ug/L	Tier 1	<0.14 U					<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U				**34**	
	Sodium	ug/L	Tier 1														**120000**	
	Sodium, total	ug/L	Tier 1	2040					4530	4470	3900	11400	11900				**120000**	
	Zinc	ug/L	Tier 1														**2400**	
	Zinc, total	ug/L	Tier 1	2.5					3.7	3.7	33.7	1.8	2				**2400**	

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-9	P-602	P-602	P-604	P-605	PW-1	PW-1	PW-2	PW-4	PW-4	Trip Blank	Trip Blank	Trip Blank	Residential Commercial Drinking Water Criteria	Residential Commercial Code
				MW-9	P-602	Dup	P-604	P-605	PW-1	Dup	PW-2	PW-4	Dup	TB-1	TB 1-1	TB 2-1		
	Physical Property																	
	Bicarbonate Alkalinity	mg/L	Tier 1	66					120	110	140	190	190					
	Carbonate Alkalinity	mg/L	Tier 1	<3.7 U					<1.7 U	<1.7 U	<3.7 U	<3.7 U	<3.7 U					
	Chloride	mg/L	Tier 1	3.6 B					4.7 B	4.5 B	4.3 B	4.0 B	4.0 B				**250**	E
	Cyanide, total	mg/L	Tier 1	<0.0094 U					<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U				**0.2**	A
	Fluoride	mg/L	Tier 1	0.24 B					0.31 B	<0.096 U	0.33 B	0.22 B	0.21 B					
	Nitrogen, Nitrate	mg/L	Tier 1	<0.088 U					<0.088 U	<0.088 U	0.48	<0.088 U	<0.088 U				**10**	A,N
	Sulfate	mg/L	Tier 1	20					48	43	180	1.8 B	1.8 B				**250**	E
	Benzene	ug/L	Tier 1	<0.14 U					<0.14 U	<0.14 U	<0.14 U	0.15 J	0.16 J		<0.14 U	<0.14 U	**5**	A
	Ethylbenzene	ug/l	Tier 1	<0.40 U					<0.40 U	<0.40 U	<0.40 U	<0.40 U	<0.40 U		<0.40 U	<0.40 U	**74**	E
	Toluene	ug/L	Tier 1	0.45 J					<0.36 U	<0.36 U	1.9	0.49 J	0.51 J		<0.36 U	<0.36 U	**790**	E
	Xylenes, m + p	ug/L	Tier 1	<0.74 U					<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U		<0.74 U	<0.74 U	**280**	E
	xylenes, o	ug/L	Tier 1	<0.36 U					<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U		<0.36 U	<0.36 U	**280**	E
	VOC-PAH																	
	Acenaphthene	ug/L	Tier 1	0.066					<0.0082 U	<0.0082 U	<0.0082 U	0.015 J	0.017 J				**1300**	
	Acenaphthylene	ug/L	Tier 1	<0.0081 U					<0.0081 U	<0.0081 U	<0.0081 U	<0.0081 U	<0.0081 U				**52**	
	Anthracene	ug/L	Tier 1	<0.012 U					<0.012 U	<0.012 U	<0.012 U	0.018 J	0.016 J				**43**	S
	Benzo (a) anthracene	ug/L	Tier 1	<0.016 U					<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U				**2.1**	
	Benzo (a) pyrene	ug/L	Tier 1	<0.018 U					<0.018 U	<0.018 U	<0.018 U	<0.018 U	<0.018 U				**5**	A
	Benzo (b) Fluoranthene	ug/L	Tier 1	<0.016 U					<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U				**1.5**	S,AA
	Benzo (g,h,i) perylene	ug/L	Tier 1	<0.019 U					<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U				**1.0**	M
	Benzo (k) Fluoranthene	ug/l	Tier 1	<0.019 U					<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U				**1.0**	M
	Chrysene	ug/L	Tier 1	<0.019 U					<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U				**1.6**	S
	Dibenzo (a,h) anthracene	ug/l	Tier 1	<0.019 U					<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U				**2**	M
	Fluoranthene	ug/L	Tier 1	<0.015 U					<0.015 U	<0.015 U	<0.015 U	<0.015 U	<0.015 U				**210**	S
	Fluorene	ug/L	Tier 1	0.078					<0.0091 U	<0.0091 U	<0.0091 U	0.024 J	0.028 J				**880**	
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1	<0.019 U					<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U				**2**	M
	Napthalene	ug/L	Tier 1	0.019 J					<0.012 U	<0.012 U	<0.012 U	<0.012 U	<0.012 U				**520**	
	Phenanthrene	ug/L	Tier 1	0.074					<0.011 U	<0.011 U	<0.011 U	0.021 J	0.023 J				**52**	
	Pyrene	ug/L	Tier 1	<0.015 U					<0.015 U	<0.015 U	<0.015 U	<0.015 U	<0.015 U				**140**	S
11/2/06	**Field**																	
	Depth to Water	ft	Tier 1	27.36	18.32		7.53	7.49	12.95		37.09	11.62						
	Dissolved Oxygen	mg/L	Tier 1		<0.05		0.1	<0.05			1							
	GW Elevation	ft msl	Tier 1	1586.71	1603		1587.89	1589.11	1576.48		1552.5	1580.41						
	ORP	mV	Tier 1	-44	-95		12	-75	-76		139	-38						
	pH	S.U.	Tier 1	6.4	7.7		6.8	7.3	6.5		6.6	6.9						
	Specific Conductance	umhos/cm @25 degrees C	Tier 1	436	111		227	249	275		479	545						
	Temperature	Celcius	Tier 1	13	9.1		10	8.9	13		9.8	15						
	Turbidity	NTU	Tier 1		13		4	15	4									
	Metal																	
	Aluminum	ug/L	Tier 1	7.0 B	9.7 B	11 B	11 B	13 B	**130**	**130**	22 B	**230**					**50**	V
	Aluminum, total	ug/L	Tier 1														**50**	V
	Antimony	ug/L	Tier 1	0.40 B	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	0.28 B	<0.24 U					**6**	A
	Antimony, total	ug/L	Tier 1														**6**	A
	Arsenic	ug/L	Tier 1	**29**	6.6	6.4	1.4	6.9	3.1	3.2	0.33 B	**93**					**10**	A
	Arsenic, total	ug/L	Tier 1														**10**	A
	Barium	ug/L	Tier 1	48	23	24	26	34	54	55	22	91					**2000**	A
	Barium, total	ug/L	Tier 1														**2000**	A
	Beryllium	ug/L	Tier 1	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U					**4**	A
	Beryllium, total	ug/L	Tier 1														**4**	A
	Boron	ug/L	Tier 1	74	35	36	27	52	52	53	85	150					**500**	F
	Boron, total	ug/L	Tier 1														**500**	F
	Cadmium	ug/L	Tier 1	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	<0.14 U	2.1	<0.14 U					**5**	A
	Cadmium, total	ug/L	Tier 1														**5**	A
	Calcium	ug/L	Tier 1	38000	13000	14000	28000	24000	24000	24000	62000	34000						

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-9	P-602	P-602	P-604	P-605	PW-1	PW-1	PW-2	PW-4	PW-4	Trip Blank	Trip Blank	Trip Blank	Residential Commercial Drinking Water Criteria	Residential Commercial Code
				MW-9	P-602	Dup	P-604	P-605	PW-1	Dup	PW-2	PW-4	Dup	TB-1	TB 1-1	TB 2-1		
	Calcium, total	ug/L	Tier 1															
	Chromium	ug/L	Tier 1	<0.32 U	<0.32 U	<0.32 U	<0.32 U	<0.32 U	2.2	2.3	0.41 B	5.5					**100**	A
	Chromium, total	ug/L	Tier 1														**100**	A
	Cobalt	ug/L	Tier 1	1.5	0.44 B	0.48 B	3.4	0.45 B	0.12 B	0.10 B	27	1.1					**40**	
	Cobalt, total	ug/L	Tier 1														**40**	
	Copper	ug/L	Tier 1	5.1	<0.15 U	<0.15 U	<0.15 U	<0.15 U	0.2 B	0.17 B	1.3	0.57 B					**1000**	E
	Copper, total	ug/L	Tier 1														**1000**	E
	Iron	ug/L	Tier 1	**30000**	**2300**	**2400**	**1000**	**4800**	**17000**	**18000**	**580**	**81000**					**300**	E
	Iron, total	ug/L	Tier 1														**300**	E
	Lead	ug/L	Tier 1	0.16 B	<0.049 U	<0.049 U	0.1 B	<0.049 U	<0.049 U	<0.049 U	0.11 B	<0.049 U					**4**	L
	Lead, total	ug/L	Tier 1														**4**	L
	Lithium	ug/L	Tier 1	1.4	3.1	2.8	0.61	2.3	0.056	0.089 B	9.2	0.4					**170**	
	Lithium, total	ug/L	Tier 1														**170**	
	Magnesium	ug/L	Tier 1	11000	6400	6700	10000	12000	11000	11000	33000	15000					**400000**	
	Magnesium, total	ug/L	Tier 1														**400000**	
	Manganese	ug/L	Tier 1	**1500**	**900**	**950**	**390**	**3500**	**2100**	**2100**	**810**	**6100**					**50**	E
	Manganese, total	ug/L	Tier 1														**50**	E
	Mercury - low level	ng/L	Tier 1														**2000**	A
	Dissolved	ng/L	Tier 1	0.533	0.19 B	0.26 B	0.43 B	0.31 B	0.701	0.671	0.501	1.74					**2000**	A
	Molybdenum	ug/L	Tier 1	4.8 B	6.7 B	7.0 B	3.9 B	5.5 B	<0.61 U	<0.61 U	1.8	8.9 B					**73**	
	Molybdenum, total	ug/L	Tier 1														**73**	
	Nickel	ug/L	Tier 1	2.7	<0.32 U	<0.32 U	0.85 B	1.7	<0.32 U	<0.32 U	79	3.4					**100**	A
	Nickel, total	ug/L	Tier 1														**100**	A
	Potassium	ug/L	Tier 1	4700	2400	2500	3200	4800	3700	3700	3500	5900						
	Potassium, total	ug/L	Tier 1															
	Selenium	ug/L	Tier 1	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U					**50**	A
	Selenium, total	ug/L	Tier 1														**50**	A
	Silver	ug/L	Tier 1	<0.034 U	<0.034 U	<0.034 U	<0.034 U	<0.034 U	<0.034 U	<0.034 U	<0.034 U	<0.034 U					**34**	
	Silver, total	ug/L	Tier 1														**34**	
	Sodium	ug/L	Tier 1	5200	760	780	2200	1400	4700	4700	4000	18000					**120000**	
	Sodium, total	ug/L	Tier 1														**120000**	
	Thallium	ug/L	Tier 1	<0.053 U	<0.053 U	<0.053 U	<0.053 U	<0.053 U	<0.053 U	<0.053 U	0.080 B	<0.053 U					**2**	A
	Thallium, total	ug/L	Tier 1														**2**	A
	Total Hardness	ug/L	Tier 1															
	Vanadium	ug/L	Tier 1	0.76 B	0.49 B	0.51 B	0.61 B	0.89 B	**5.2**	**5.3**	0.49 B	**11**					**4.5**	
	Vanadium, total	ug/L	Tier 1														**4.5**	
	Zinc	ug/L	Tier 1	7.8 B	4.9 B	4.4 B	4.8 B	3.7 B	5.3 B	5 B	50	5.2 B					**2400**	
	Zinc, total	ug/L	Tier 1														**2400**	
	Aroclor-1016	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.24 U	<0.23 U		<0.25 U					**0.5**	A
	Aroclor-1221	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.24 U	<0.23 U		<0.25 U					**0.5**	A
	Aroclor-1232	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.24 U	<0.23 U		<0.25 U					**0.5**	A
	Aroclor-1242	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.24 U	<0.23 U		<0.25 U					**0.5**	A
	Aroclor-1248	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.24 U	<0.23 U		<0.25 U					**0.5**	A
	Aroclor-1254	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.24 U	<0.23 U		<0.25 U					**0.5**	A
	Aroclor-1260	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.24 U	<0.23 U		<0.25 U					**0.5**	A
	Total PCBs	ug/L	Tier 1	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.23 U	<0.24 U	<0.23 U		<0.25 U					**0.5**	A
Physical Property																		
	Bicarbonate Alkalinity	mg/L	Tier 1	150	64	66	110	110	100	100	130	230						
	Carbonate Alkalinity	mg/L	Tier 1	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U						
	Chloride	mg/L	Tier 1	3.2 B	2.5 B	2.4 B	2.6 B	2.7 B	3.4 B	3.5 B	4.1 B	3.6 B					**250**	E
	Cyanide, total	mg/L	Tier 1	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U					**0.2**	A
	Fluoride	mg/L	Tier 1	0.22 B	0.26 B	0.25 B	0.33 B	0.49 B	<0.096 U	<0.096 U	0.31 B	0.17 B						
	Nitrogen, Ammonia	mg/L	Tier 1	0.33 B	0.33 B	0.33 B	<0.20 U	0.32 B	0.89	0.95	<0.20 U	4.9					**10**	N
	Nitrogen, Nitrate	mg/L	Tier 1	<0.088 U	<0.088 U	<0.088 U	<0.088 U	<0.088 U	<0.088 U	<0.088 U	<0.088 U	<0.088 U					**10**	A,N
	Nitrogen, Nitrite	mg/L	Tier 1	<0.040 U	<0.040 U	<0.040 U	<0.040 U	<0.040 U	<0.040 U	<0.040 U	0.48	<0.040 U					**1**	A,N
	Sulfate	mg/L	Tier 1	51	2.4 B	2.5 B	9.6	9.1	19	19	160	3.7 B					**250**	E

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-9	P-602	P-602	P-604	P-605	PW-1	PW-1	PW-2	PW-4	PW-4	Trip Blank	Trip Blank	Trip Blank	Residential Commercial Drinking Water Criteria	Residential Commercial Code
				MW-9	P-602	Dup	P-604	P-605	PW-1	Dup	PW-2	PW-4	Dup	TB-1	TB 1-1	TB 2-1		
	Sulfide	mg/L	Tier 1	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U						
	Total Alkalinity	mg/L	Tier 1	150	64	66	110	110	100	100	130	230						
	Total Hardness - Dissolved	mg/l	Tier 1	140	59	62	110	110	110	110	290	150						
11/02/06	**VOC**																	
	1,1,1-Trichloroethane	ug/L	Tier 1	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U		<0.90 U			**200**	A
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U		<0.20 U			**8.5**	
	1,1,2-Trichloroethane	ug/L	Tier 1	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		<0.42 U			**5**	A
	1,1-Dichloroethane	ug/L	Tier 1	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U		<0.75 U			**880**	
	1,1-Dichloroethene	ug/L	Tier 1	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U		<0.57 U			**7**	A
	1,2-Dichloroethane	ug/L	Tier 1	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U		<0.36 U			**5**	A
	1,2-Dichloroethene, Total	ug/l	Tier 1	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U		<1.4 U				
	1,2-Dichloropropane	ug/L	Tier 1	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U		<0.46 U			**5**	A
	2-Hexanone	ug/L	Tier 1	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U		<1.1 U			**1000**	
	4-Methyl-2-pentanone	ug/L	Tier 1	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U		<1.2 U			**1800**	
	Acetone	ug/L	Tier 1	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U		<2.3 U			**730**	
	Benzene	ug/L	Tier 1	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U			**5**	A
	Bromodichloromethane	ug/L	Tier 1	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U		<0.56 U			**80**	A,W
	Bromoform	ug/L	Tier 1	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U		<0.94 U			**80**	A,W
	Bromomethane	ug/L	Tier 1	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U		<0.91 U			**10**	
	Carbon Disulfide	ug/L	Tier 1	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U		<0.66 U			**800**	
	Carbon Tetrachloride	ug/L	Tier 1	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U		<0.49 U			**5**	A
	Chlorobenzene	ug/L	Tier 1	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U			**100**	A
	Chlorodibromomethane	ug/L	Tier 1	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U		<0.81 U			**100**	A,W
	Chloroethane	ug/L	Tier 1	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U		<0.97 U			**430**	
	Chloroform	ug/L	Tier 1	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U		<0.37 U			**80**	A,W
	Chloromethane	ug/L	Tier 1	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U		<0.24 U			**260**	
	cis-1,3-Dichloropropene	ug/L	Tier 1	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U			**8.5**	
	Ethylbenzene	ug/l	Tier 1	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U		<0.54 U			**74**	E
	Methel ethyl Ketone	ug/L	Tier 1	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U		<4.3 U			**13000**	
	Methylene Chloride	ug/L	Tier 1	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U		0.83 J			**5**	A
	Styrene	ug/L	Tier 1	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U		<0.86 U			**100**	A
	Tetrachloroethene	ug/L	Tier 1	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U		<0.45 U			**5**	A
	Toluene	ug/L	Tier 1	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	1.7	0.99 J		<0.67 U			**790**	E
	trans-1,3-Dichloropropene	ug/L	Tier 1	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U			**8.5**	
	Trichloroethene	ug/L	Tier 1	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U		<0.48 U			**5**	A
	Vinyl Chloride	ug/L	Tier 1	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U		<0.18 U			**2**	A
	Xylenes	ug/l	Tier 1	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U		<2.6 U			**280**	E
	VOC-PAH																	
	Acenaphthene	ug/L	Tier 1	0.056	<0.0082 U	<0.0082 U	<0.0082 U	0.031 J	<0.0082 U	<0.0082 U	<0.0082 U	<0.0082 U					**1300**	
	Acenaphthylene	ug/L	Tier 1	<0.0081 U	<0.0081 U	<0.0081 U	<0.0081 U	0.010 J	<0.0081 U	<0.0081 U	<0.0081 U	<0.0081 U					**52**	
	Anthracene	ug/L	Tier 1	<0.012 U	0.025 J	0.026 J	<0.012 U	0.018 J	<0.012 U	<0.012 U	<0.012 U	<0.012 U					**43**	S
	Benzo (a) anthracene	ug/L	Tier 1	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U					**2.1**	
	Benzo (a) pyrene	ug/L	Tier 1	<0.018 U	<0.018 U	<0.018 U	<0.018 U	<0.018 U	<0.018 U	<0.018 U	<0.018 U	<0.018 U					**5**	A
	Benzo (b) Fluoranthene	ug/L	Tier 1	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U					**1.5**	S,AA
	Benzo (g,h,i) perylene	ug/L	Tier 1	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U					**1.0**	M
	Benzo (k) Fluoranthene	ug/l	Tier 1	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U					**1.0**	M
	Chrysene	ug/L	Tier 1	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U					**1.6**	S
	Dibenzo (a,h) anthracene	ug/l	Tier 1	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U					**2**	M
	Fluoranthene	ug/L	Tier 1	<0.015 U	0.017 J	0.017 J	<0.015 U	<0.015 U	<0.015 U	<0.015 U	<0.015 U	<0.015 U					**210**	S
	Fluorene	ug/L	Tier 1	0.045 J	<0.0091 U	0.011 J	<0.0091 U	0.068	<0.0091 U	<0.0091 U	<0.0091 U	<0.0091 U					**880**	
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U	<0.019 U					**2**	M
	Napthalene	ug/L	Tier 1	0.018 J	<0.012 U	<0.012 U	<0.012 U	0.028 J	0.017 J	0.014 J	0.013 J	0.014 J					**520**	
	Phenanthrene	ug/L	Tier 1	<0.011 U	0.12	0.13	<0.011 U	0.15	<0.011 U	<0.011 U	<0.011 U	<0.011 U					**52**	
	Pyrene	ug/L	Tier 1	<0.015 U	0.041 J	0.041 J	<0.015 U	<0.015 U	<0.015 U	<0.015 U	<0.015 U	<0.015 U					**140**	S
3/5/07	**Field**																	

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-9	P-602	P-602	P-604	P-605	PW-1	PW-1	PW-2	PW-4	PW-4	Trip Blank	Trip Blank	Trip Blank	Residential Commercial Drinking Water Criteria	Residential Commercial Code
				MW-9	P-602	Dup	P-604	P-605	PW-1	Dup	PW-2	PW-4	Dup	TB-1	TB 1-1	TB 2-1		
	Depth to Water	ft	Tier 1	dry	20.06		6.76	6.63	9.22		39.02	11.35						
	Dissolved Oxygen	mg/L	Tier 1		<0.005		0.1	<0.05	NM		NM							
	GW Elevation	ft msl	Tier 1		1601.26		1588.66	1589.97	1580.21		1550.57	1580.68						
	ORP	mV	Tier 1		-182		-18	-93	-21		158							
	pH	S.U.	Tier 1		7.2		6.6	7.1	6.5		6.5							
	Specific Conductance	umhos/cm @25 degrees C	Tier 1		154		228	239	294		579							
	Temperature	Celcius	Tier 1		9.6		6.4	8.4	6.8		10							
	Turbidity	NTU	Tier 1		NM		NM	NM	NM		NM							
	Metal																	
	Aluminum	ug/L	Tier 1		11 B	<6.3 U	<6.3 U	<6.3 U	**100**	**100**	<6.3 U	**220**					**50**	V
	Aluminum, total	ug/L	Tier 1								**700**						**50**	V
	Antimony	ug/L	Tier 1		<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U					**6**	A
	Antimony, total	ug/L	Tier 1								<0.24 U						**6**	A
	Arsenic	ug/L	Tier 1		7.6	7.4	0.88 B	6.6	2	2	0.30 B	**25**					**10**	A
	Arsenic, total	ug/L	Tier 1								2.2						**10**	A
	Barium	ug/L	Tier 1		27	27	12	31	49	49	24	60					**2000**	A
	Barium, total	ug/L	Tier 1								30						**2000**	A
	Beryllium	ug/L	Tier 1		0.13 B	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	<0.10 U	0.11 B					**4**	A
	Beryllium, total	ug/L	Tier 1								<0.10 U						**4**	A
	Boron	ug/L	Tier 1		37	37	21	49	35	36	78	98					**500**	F
	Boron, total	ug/L	Tier 1								81						**500**	F
	Cadmium	ug/L	Tier 1		0.16 B	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	1.4	<0.12 U					**5**	A
	Cadmium, total	ug/L	Tier 1								1.5						**5**	A
	Calcium	ug/L	Tier 1		15000	15000	27000	23000	23000	24000	67000	27000						
	Calcium, total	ug/L	Tier 1								69000							
	Chromium	ug/L	Tier 1		0.50 B	<0.32 U	<0.32 U	<0.32 U	1.6	1.7	0.41 B	3.4					**100**	A
	Chromium, total	ug/L	Tier 1								2.3						**100**	A
	Cobalt	ug/L	Tier 1		0.36 B	0.26 B	1.8	0.39 B	0.050 B	0.050 B	12	15					**40**	
	Cobalt, total	ug/L	Tier 1								17						**40**	
	Copper	ug/L	Tier 1		<0.59 U	<0.59 U	<0.59 U	<0.59 U	<0.59 U	<0.59 U	1.7	<0.59 U					**1000**	E
	Copper, total	ug/L	Tier 1								5.1						**1000**	E
	Iron	ug/L	Tier 1		**4400**	**4500**	**1600**	**4700**	**16000**	**16000**	200	**74000**					**300**	E
	Iron, total	ug/L	Tier 1								**1800**						**300**	E
	Lead	ug/L	Tier 1		0.11 B	<0.049 U	0.10 B	<0.049 U	<0.049 U	<0.049 U	<0.049 U	0.14 B					**4**	L
	Lead, total	ug/L	Tier 1								0.47 B						**4**	L
	Lithium	ug/L	Tier 1		3.3	3.5	0.52	2.5	8.3	<0.050 U	8.8	0.49					**170**	
	Lithium, total	ug/L	Tier 1								8.1						**170**	
	Magnesium	ug/L	Tier 1		8100	8200	11000	12000	13000	13000	34000	14000					**400000**	
	Magnesium, total	ug/L	Tier 1								34000						**400000**	
	Manganese	ug/L	Tier 1		**1400**	**1400**	**80**	**3300**	**2000**	**2000**	**1700**	**6100**					**50**	E
	Manganese, total	ug/L	Tier 1								**2100**						**50**	E
	Mercury - low level	ng/L	Tier 1								2.41						**2000**	A
	Dissolved	ng/L	Tier 1		0.637	0.885	1.63	0.474 B	0.852	0.707	0.89	2.64					**2000**	A
	Molybdenum	ug/L	Tier 1		8.4 B	7.7 B	1.3 B	4.2 B	<0.61 U	<0.61 U	<0.61 U	0.89 B					**73**	
	Molybdenum, total	ug/L	Tier 1								0.74 B						**73**	
	Nickel	ug/L	Tier 1		0.50 B	0.38 B	1.2	0.67 B	0.36 B	0.39 B	53	16					**100**	A
	Nickel, total	ug/L	Tier 1								67						**100**	A
	Potassium	ug/L	Tier 1		2900	2900	2100	4700	2900	3000	3200	4300						
	Potassium, total	ug/L	Tier 1								3500							
	Selenium	ug/L	Tier 1		<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U					**50**	A
	Selenium, total	ug/L	Tier 1								<0.67 U						**50**	A
	Silver	ug/L	Tier 1		0.11 B	<0.034 U	<0.034 U	<0.034 U	<0.034 U	<0.034 U	<0.034 U	0.090 B					**34**	
	Silver, total	ug/L	Tier 1								<0.034 U						**34**	
	Sodium	ug/L	Tier 1		720	720	2100	1200	4200	4200	4900	11000					**120000**	
	Sodium, total	ug/L	Tier 1								5000						**120000**	
	Thallium	ug/L	Tier 1		0.090 B	<0.053 U	<0.053 U	<0.053 U	<0.053 U	<0.053 U	<0.053 U	<0.053 U					**2**	A

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-9	P-602	P-602	P-604	P-605	PW-1	PW-1	PW-2	PW-4	PW-4	Trip Blank	Trip Blank	Trip Blank	Residential Commercial Drinking Water Criteria	Residential Commercial Code
				MW-9	P-602	Dup	P-604	P-605	PW-1	Dup	PW-2	PW-4	Dup	TB-1	TB 1-1	TB 2-1		
	Thallium, total	ug/L	Tier 1								<0.053 U						**2**	A
	Total Hardness	ug/L	Tier 1								310000							
	Vanadium	ug/L	Tier 1		0.39 B	0.34 B	0.39 B	0.69 B	4.2	4.3	0.40 B	**6.4**					**4.5**	
	Vanadium, total	ug/L	Tier 1								2.5						**4.5**	
	Zinc	ug/L	Tier 1		<0.98 U	<0.98 U	<0.98 U	<0.98 U	2.2 B	2.2 B	27	11					**2400**	
	Zinc, total	ug/L	Tier 1								32						**2400**	
3/5/07	**PCB's**																	
	Aroclor-1016	ug/L	Tier 1						<0.12 U	<0.12 U		<0.15 U					**0.5**	A
	Aroclor-1221	ug/L	Tier 1						<0.12 U	<0.12 U		<0.15 U					**0.5**	A
	Aroclor-1232	ug/L	Tier 1						<0.12 U	<0.12 U		<0.15 U					**0.5**	A
	Aroclor-1242	ug/L	Tier 1						<0.12 U	<0.12 U		<0.15 U					**0.5**	A
	Aroclor-1248	ug/L	Tier 1						<0.12 U	<0.12 U		<0.15 U					**0.5**	A
	Aroclor-1254	ug/L	Tier 1						<0.12 U	<0.12 U		<0.15 U					**0.5**	A
	Aroclor-1260	ug/L	Tier 1						<0.12 U	<0.12 U		<0.15 U					**0.5**	A
	Total PCBs	ug/L	Tier 1						<0.12 U	<0.12 U		<0.15 U					**0.5**	A
	Physical Property																	
	Bicarbonate Alkalinity	mg/L	Tier 1		77	77	110	110	120	120	150	140						
	Carbonate Alkalinity	mg/L	Tier 1		<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U						
	Chloride	mg/L	Tier 1		2.6 B	2.6 B	2.6 B	2.6 B	4.0 B	3.9 B	4.4 B	4.0 B					**250**	E
	Cyanide, total	mg/L	Tier 1		<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U					**0.2**	A
	Fluoride	mg/L	Tier 1		0.24 B	0.24 B	0.23 B	0.45 B	0.19 B	0.18 B	0.34 B	0.26 B						
	Nitrogen, Ammonia	mg/L	Tier 1		<0.50 U	<0.50 U	<0.50 U	<0.50 U	0.86 B	0.86 B	<0.50 U	4.4					**10**	N
	Nitrogen, Nitrate	mg/L	Tier 1		<0.085 U	<0.085 U	<0.085 U	<0.085 U	<0.085 U	<0.085 U	1.2	<0.085 U					**10**	A,N
	Nitrogen, Nitrite	mg/L	Tier 1		<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U					**1**	A,N
	Sulfate	mg/L	Tier 1		2.1 B	2.1 B	8.4	8.8	23	20	170	48					**250**	E
	Sulfide	mg/L	Tier 1		<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	<2.5 U	2.8 B						
	Total Alkalinity	mg/L	Tier 1		77	77	110	110	120	120	150	140						
	Total Hardness - Dissolved	mg/l	Tier 1		71	72	110	110	110	110	310	120						
	VOC																	
	1,1,1-Trichloroethane	ug/L	Tier 1		<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U					**200**	A
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1		<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U					**8.5**	
	1,1,2-Trichloroethane	ug/L	Tier 1		<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U					**5**	A
	1,1-Dichloroethane	ug/L	Tier 1		<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U					**880**	
	1,1-Dichloroethene	ug/L	Tier 1		<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U					**7**	A
	1,2-Dichloroethane	ug/L	Tier 1		<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U					**5**	A
	1,2-Dichloroethene, Total	ug/l	Tier 1		<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U						
	1,2-Dichloropropane	ug/L	Tier 1		<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U					**5**	A
	2-Hexanone	ug/L	Tier 1		<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U					**1000**	
	4-Methyl-2-pentanone	ug/L	Tier 1		<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U					**1800**	
	Acetone	ug/L	Tier 1		<2.3 U	<2.3 U	<2.3 U	<2.3 U	5.7	<2.3 U	<2.3 U	<2.3 U					**730**	
	Benzene	ug/L	Tier 1		<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U					**5**	A
	Bromodichloromethane	ug/L	Tier 1		<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U					**80**	A,W
	Bromoform	ug/L	Tier 1		<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U					**80**	A,W
	Bromomethane	ug/L	Tier 1		<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U					**10**	
	Carbon Disulfide	ug/L	Tier 1		<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U					**800**	
	Carbon Tetrachloride	ug/L	Tier 1		<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U					**5**	A
	Chlorobenzene	ug/L	Tier 1		<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U					**100**	A
	Chlorodibromomethane	ug/L	Tier 1		<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U					**100**	A,W
	Chloroethane	ug/L	Tier 1		<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U					**430**	
	Chloroform	ug/L	Tier 1		<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U					**80**	A,W
	Chloromethane	ug/L	Tier 1		<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U					**260**	
	cis-1,3-Dichloropropene	ug/L	Tier 1		<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U					**8.5**	
	Ethylbenzene	ug/l	Tier 1		<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U					**74**	E
	Methel ethyl Ketone	ug/L	Tier 1		<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U					**13000**	
	Methylene Chloride	ug/L	Tier 1		<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U					**5**	A

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-9	P-602	P-602	P-604	P-605	PW-1	PW-1	PW-2	PW-4	PW-4	Trip Blank	Trip Blank	Trip Blank	Residential Commercial Drinking Water Criteria	Residential Commercial Code
				MW-9	P-602	Dup	P-604	P-605	PW-1	Dup	PW-2	PW-4	Dup	TB-1	TB 1-1	TB 2-1		
	Styrene	ug/L	Tier 1		<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U					**100**	A
	Tetrachloroethene	ug/L	Tier 1		<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U					**5**	A
	Toluene	ug/L	Tier 1		<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	1.1	<0.67 U					**790**	E
	trans-1,3-Dichloropropene	ug/L	Tier 1		<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U					**8.5**	
	Trichloroethene	ug/L	Tier 1		<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U					**5**	A
	Vinyl Chloride	ug/L	Tier 1		<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U					**2**	A
	Xylenes	ug/l	Tier 1		<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U					**280**	E
	VOC-PAH																	
	Acenaphthene	ug/L	Tier 1						<0.0086 U	<0.0090 U		<0.012 U					**1300**	
	Acenaphthylene	ug/L	Tier 1						<0.0085 U	<0.0089 U		<0.012 U					**52**	
	Anthracene	ug/L	Tier 1						<0.012 U	<0.013 U		<0.017 U					**43**	S
	Benzo (a) anthracene	ug/L	Tier 1						<0.016 U	<0.017 U		<0.023 U					**2.1**	
	Benzo (a) pyrene	ug/L	Tier 1						<0.019 U	<0.020 U		<0.027 U					**5**	A
	Benzo (b) Fluoranthene	ug/L	Tier 1						<0.016 U	<0.017 U		<0.023 U					**1.5**	S,AA
	Benzo (g,h,i) perylene	ug/L	Tier 1						<0.020 U	<0.021 U		<0.028 U					**1.0**	M
	Benzo (k) Fluoranthene	ug/l	Tier 1						<0.020 U	<0.021 U		<0.028 U					**1.0**	M
	Chrysene	ug/L	Tier 1						<0.020 U	<0.021 U		<0.028 U					**1.6**	S
	Dibenzo (a,h) anthracene	ug/l	Tier 1						<0.020 U	<0.021 U		<0.027 U					**2**	M
	Fluoranthene	ug/L	Tier 1						<0.016 U	<0.017 U		<0.022 U					**210**	S
	Fluorene	ug/L	Tier 1						<0.0095 U	<0.010 U		<0.013 U					**880**	
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1						<0.020 U	<0.021 U		<0.027 U					**2**	M
	Napthalene	ug/L	Tier 1						0.014 J	0.021 J		0.026 J					**520**	
	Phenanthrene	ug/L	Tier 1						<0.012 U	<0.013 U		<0.016 U					**52**	
	Pyrene	ug/L	Tier 1						<0.015 U	<0.016 U		<0.021 U					**140**	S
5/9/07	**Field**																	
	Depth to Water	ft	Tier 1	23.4	16.85		6.39	6.11	9.26		37.34	7.93						
	GW Elevation	ft msl	Tier 1	1590.67	1604.47		1589.03	1590.49	1580.17		1552.25	1584.1						
6/5/07	**Field**																	
	Depth to Water	ft	Tier 1	23.98	17.04		6.82	6.57	9.95		38.24	8.55						
	Dissolved Oxygen	mg/L	Tier 1	0.4			2		<0.005		5	0.2						
	GW Elevation	ft msl	Tier 1	1590.09	1604.28		1588.6	1590.03	1579.48		1551.35	1583.48						
	ORP	mV	Tier 1	-0.4			NM		-56.1		63	-75.7						
	pH	S.U.	Tier 1	6.3			6.7		6.5		6	6.5						
	Specific Conductance	umhos/cm @25 degrees C	Tier 1	313			185		305		461.8	655						
	Temperature	Celcius	Tier 1	11.4			11.46		12.28		18.2	15						
	Metal																	
	Aluminum	ug/L	Tier 1	20 B			**630**		**410**		**4600**	**220**					**50**	V
	Antimony	ug/L	Tier 1	0.15 B			0.11 B		<0.10 U		0.58 B	0.17 B					**6**	A
	Arsenic	ug/L	Tier 1	5.4			0.74 B		1.8		**12**	**63**					**10**	A
	Barium	ug/L	Tier 1	26			16		53		62	180					**2000**	A
	Beryllium	ug/L	Tier 1	<0.070 U			0.65 B		<0.070 U		0.17 B	<0.070 U					**4**	A
	Boron	ug/L	Tier 1	56			24		51		82	190					**500**	F
	Cadmium	ug/L	Tier 1	<0.097 U			<0.097 U		0.16 B		4.8	0.20 B					**5**	A
	Calcium	ug/L	Tier 1	27000			22000		23000		58000	33000						
	Chromium	ug/L	Tier 1	<0.43 U			2.1		2		12	4.6					**100**	A
	Cobalt	ug/L	Tier 1	4.6			2.3		0.54 B		**150**	7.7					**40**	
	Copper	ug/L	Tier 1	3.4			200		2.1		23	13					**1000**	E
	Iron	ug/L	Tier 1	**4900**			**1400**		**15000**		**13000**	**99000**					**300**	E
	Lead	ug/L	Tier 1	0.53 B			**6.3**		2.8		3.3	3.7					**4**	L
	Lithium	ug/L	Tier 1	1			1.2		0.16		22	0.43					**170**	
	Magnesium	ug/L	Tier 1	8500			8700		13000		31000	13000					**400000**	
	Manganese	ug/L	Tier 1	**670**			37		**1900**		**4200**	**8100**					**50**	E
	Mercury - low level	ng/L	Tier 1				3.27		9.95		4.08	12.2					**2000**	A
	Molybdenum	ug/L	Tier 1	0.88 B			8.9 B		<0.12 U		4.4 B	2.6 B					**73**	
	Nickel	ug/L	Tier 1	15			3.9		0.68 B		**320**	3					**100**	A

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-9	P-602	P-602	P-604	P-605	PW-1	PW-1	PW-2	PW-4	PW-4	Trip Blank	Trip Blank	Trip Blank	Residential Commercial Drinking Water Criteria	Residential Commercial Code
				MW-9	P-602	Dup	P-604	P-605	PW-1	Dup	PW-2	PW-4	Dup	TB-1	TB 1-1	TB 2-1		
	Potassium	ug/L	Tier 1	3200			2600		3600		4300	6800						
	Selenium	ug/L	Tier 1	0.30 B			0.27 B		0.79 B		0.39 B	0.86 B					**50**	A
	Silver	ug/L	Tier 1	<0.11 U			<0.11 U		<0.11 U		<0.11 U	0.31 B					**34**	
	Sodium	ug/L	Tier 1	5300			1800		4200		4300	22000					**120000**	
	Thallium	ug/L	Tier 1	<0.030 U			<0.030 U		<0.030 U		0.15 B	<0.030 U					**2**	A
	Total Hardness	ug/L	Tier 1	100000			91000		110000		270000	130000						
	Vanadium	ug/L	Tier 1	0.52 B			2.4		4.4		**13**	**10**					**4.5**	
	Zinc	ug/L	Tier 1	8.1 B			72		2.8 B		120	7.6 B					**2400**	
	Physical Property																	
	Bicarbonate Alkalinity	mg/L	Tier 1	60			83		110		120	210						
	Carbonate Alkalinity	mg/L	Tier 1	<3.2 U			<3.2 U		<3.2 U		<3.2 U	<3.2 U						
	Chloride	mg/L	Tier 1	3.7 B			3.2 B		4.1 B		4.4 B	3.8 B					**250**	E
	Cyanide, total	mg/L	Tier 1	<0.0060 U			<0.0060 U		<0.0060 U		<0.0060 U	<0.0060 U					**0.2**	A
	Fluoride	mg/L	Tier 1	0.21 B			0.26 B		<0.059 U		0.31 B	0.96						
	Nitrogen, Ammonia	mg/L	Tier 1	<0.50 U			<0.50 U		0.67 B		<0.50 U	2.9					**10**	N
	Nitrogen, Nitrate	mg/L	Tier 1	0.19 B			<0.085 U		<0.085 U		0.73	<0.085 U					**10**	A,N
	Nitrogen, Nitrite	mg/L	Tier 1	<0.036 U			<0.036 U		<0.036 U		<0.036 U	<0.036 U					**1**	A,N
	Sulfate	mg/L	Tier 1	56			11		21		170	52					**250**	E
	Sulfide	mg/L	Tier 1								<2.3 U	2.8 B						
	Total Alkalinity	mg/L	Tier 1	60			83		110		120	210						
	VOC																	
	1,1,1-Trichloroethane	ug/L	Tier 1											<0.90 U			**200**	A
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1											<0.20 U			**8.5**	
	1,1,2-Trichloroethane	ug/L	Tier 1											<0.42 U			**5**	A
	1,1-Dichloroethane	ug/L	Tier 1											<0.75 U			**880**	
	1,1-Dichloroethene	ug/L	Tier 1											<0.57 U			**7**	A
	1,2-Dichloroethane	ug/L	Tier 1											<0.36 U			**5**	A
	1,2-Dichloroethene, Total	ug/l	Tier 1											<1.4 U				
	1,2-Dichloropropane	ug/L	Tier 1											<0.46 U			**5**	A
	2-Hexanone	ug/L	Tier 1											<1.1 U			**1000**	
	4-Methyl-2-pentanone	ug/L	Tier 1											<1.2 U			**1800**	
	Acetone	ug/L	Tier 1											<2.3 U			**730**	
	Benzene	ug/L	Tier 1											<0.41 U			**5**	A
	Bromodichloromethane	ug/L	Tier 1											<0.56 U			**80**	A,W
	Bromoform	ug/L	Tier 1											<0.94 U			**80**	A,W
	Bromomethane	ug/L	Tier 1											<0.91 U			**10**	
	Carbon Disulfide	ug/L	Tier 1											<0.66 U			**800**	
	Carbon Tetrachloride	ug/L	Tier 1											<0.49 U			**5**	A
	Chlorobenzene	ug/L	Tier 1											<0.41 U			**100**	A
	Chlorodibromomethane	ug/L	Tier 1											<0.81 U			**100**	A,W
	Chloroethane	ug/L	Tier 1											<0.97 U			**430**	
	Chloroform	ug/L	Tier 1											<0.37 U			**80**	A,W
	Chloromethane	ug/L	Tier 1											<0.24 U			**260**	
	cis-1,3-Dichloropropene	ug/L	Tier 1											<0.19 U			**8.5**	
	Ethylbenzene	ug/l	Tier 1											<0.54 U			**74**	E
	Methel ethyl Ketone	ug/L	Tier 1											<4.3 U			**13000**	
	Methylene Chloride	ug/L	Tier 1											0.77 J			**5**	A
	Styrene	ug/L	Tier 1											<0.86 U			**100**	A
	Tetrachloroethene	ug/L	Tier 1											<0.45 U			**5**	A
	Toluene	ug/L	Tier 1											<0.67 U			**790**	E
	trans-1,3-Dichloropropene	ug/L	Tier 1											<0.19 U			**8.5**	
	Trichloroethene	ug/L	Tier 1											<0.48 U			**5**	A
	Vinyl Chloride	ug/L	Tier 1											<0.18 U			**2**	A
	Xylenes	ug/l	Tier 1											<2.6 U			**280**	E
	Xylenes, m + p	ug/L	Tier 1											<0.74 U			**280**	E
	xylenes, o	ug/L	Tier 1											<0.36 U			**280**	E

Appendix E-2A

Groundwater Results Summary Compared to Residential/Commercial Drinking Water Criteria

Event Date	Parameter	Units	Data Level	MW-9	P-602	P-602	P-604	P-605	PW-1	PW-1	PW-2	PW-4	PW-4	Trip Blank	Trip Blank	Trip Blank	Residential Commercial Drinking Water Criteria	Residential Commercial Code
				MW-9	P-602	Dup	P-604	P-605	PW-1	Dup	PW-2	PW-4	Dup	TB-1	TB 1-1	TB 2-1		
	VOC-PAH																	
	Acenaphthene	ug/L	Tier 1						<0.0091 U			0.0098 J					**1300**	
	Acenaphthylene	ug/L	Tier 1						<0.0090 U			<0.0081 U					**52**	
	Anthracene	ug/L	Tier 1						<0.013 U			<0.012 U					**43**	S
	Benzo (a) anthracene	ug/L	Tier 1						<0.017 U			<0.016 U					**2.1**	
	Benzo (a) pyrene	ug/L	Tier 1						<0.020 U			<0.018 U					**5**	A
	Benzo (b) Fluoranthene	ug/L	Tier 1						<0.017 U			<0.016 U					**1.5**	S,AA
	Benzo (g,h,i) perylene	ug/L	Tier 1						<0.022 U			<0.019 U					**1.0**	M
	Benzo (k) Fluoranthene	ug/l	Tier 1						<0.022 U			<0.019 U					**1.0**	M
	Chrysene	ug/L	Tier 1						<0.021 U			<0.019 U					**1.6**	S
	Dibenzo (a,h) anthracene	ug/l	Tier 1						<0.021 U			<0.019 U					**2**	M
	Fluoranthene	ug/L	Tier 1						<0.017 U			<0.015 U					**210**	S
	Fluorene	ug/L	Tier 1						<0.010 U			0.058					**880**	
	Indeno (1,2,3 - cd) pyrene	ug/l	Tier 1						<0.021 U			<0.019 U					**2**	M
	Napthalene	ug/L	Tier 1						0.017 J			0.014 J		<0.74 U			**520**	
	Phenanthrene	ug/L	Tier 1						0.014 J			<0.011 U					**52**	
	Pyrene	ug/L	Tier 1						<0.016 U			<0.015 U					**140**	S
8/2/07	Depth to Water	ft	Tier 1	Dry		18.39	7.72	7.66	12.91		38.59	10.74						
	GW Elevation	ft msl	Tier 1	Dry		1602.93	1587.7	1588.94	1576.52		1551	1581.29						

cm = centimeter

C = Celsius

ft = foot

mg/l = milligram/liter

msl = mean sea level

mv = millivolt

ng/L = nanograms/liter

S.U. = standard unit
ug/L = micrograms/liter
umhos = micromhos
NM = not measured
dup = duplicate

i = insufficient sample

A = Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005.

B = Inorganic - The analyte has been detected between the method detection limit and the reporting limit.

E = Criterion is the aesthetic drinking water value, as required by Section 20120a(5) of the Nat Res & EPA Act, 1994 PA 451, as amended.

F = Criterion is based on adverse impacts to plant life and phytotoxicity.

L = Criteria for lead are derived using a biologically based model, as allowed for under Section 20120a(10) of the NREPA, and are not calculated using the algorithms and assumptions specified in pathway-specified rules.

J = All concentration detected equal to or greater than the method detection limit but less than the reporting limit.

M = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.

N = The concentrations of all potential sources of nitrate-nitrogen (e.g., ammonia-N, nitrite-N, nitrate-N) in groundwater that is used as a source of drinking water shall not, when added together, exceed the nitrate drinking water criterion of 10,000 ug/L. Where leaching to groundwater is a relevant pathway, soil concentrations of all potential sources of nitrate-nitrogen shall not, when added together, exceed the nitrate drinking water protection criterion of 2.0E+5 ug/kg.

P = Analyte not detected above the method detection limit. The detection limit is above the criteria due to sample dilution

S = Criterion defaults to the hazardous substance-specific water solubility limit.

U = The analyte was not detected at or above the reporting limit.

Concentrations up to 200 ug/L may be acceptable, and still allow for drinking water use, as part of a site-specific cleanup under Section 20120a(2) of the NREPA.

< = All the analyte was not detected at or above the reporting limit

screening levels

Results were compared to the MDEQ res/com I DW criteria. Exceedances are highlighted.

PAH = polynuclear hydrocarbon

PCB = polychlorinated biphenyls

Groundwater Quality Data
Compared to Groundwater Surface Water
Interface Protection Criteria

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	HW-1	HW-1A	HW-2	HW-6	HW-6	HW-6A	HYG-1	KMW-3	KMW-3	KMW-4
				Field ID	HW-1	HW-1A	HW-2	HW-6	Dup	HW-6A	HYG-1	KMW-3	Dup	KMW-4
6/13/06	**Field**													
	Dissolved Oxygen	mg/L	Tier 1											
	GW Elevation	ft msl	Tier 1											
	ORP	mV	Tier 1											
	pH	S.U.	Tier 1											
	Specific Conductance	umhos/cm @25 degrees C	Tier 1											
	Temperature	Celcius	Tier 1											
6/22/06	**Metal**													
	Aluminum	ug/L	Tier 1											
	Aluminum, total	ug/L	Tier 1											
	Antimony	ug/L	Tier 1											
	Antimony, total	ug/L	Tier 1											
	Arsenic	ug/L	Tier 1											
	Arsenic, total	ug/L	Tier 1											
	Barium	ug/L	Tier 1											
	Barium, total	ug/L	Tier 1											
	Beryllium	ug/L	Tier 1											
	Beryllium, total	ug/L	Tier 1											
	Boron	ug/L	Tier 1											
	Boron, total	ug/L	Tier 1											
	Cadmium	ug/L	Tier 1											
	Cadmium, total	ug/L	Tier 1											
	Calcium	ug/L	Tier 1											
	Calcium, total	ug/L	Tier 1											
	Chromium	ug/L	Tier 1											
	Chromium, total	ug/L	Tier 1											
	Cobalt	ug/L	Tier 1											
	Cobalt, total	ug/L	Tier 1											
	Copper	ug/L	Tier 1											
	Copper, total	ug/L	Tier 1											
	Iron	ug/L	Tier 1											
	Iron, total	ug/L	Tier 1											
	Lead	ug/L	Tier 1											
	Lead, total	ug/L	Tier 1											
	Lithium	ug/L	Tier 1											
	Lithium, total	ug/L	Tier 1											
	Magnesium	ug/L	Tier 1											
	Magnesium, total	ug/L	Tier 1											
	Manganese	ug/L	Tier 1											
	Manganese, total	ug/L	Tier 1											
	Mercury	ug/L	Tier 1											
	Mercury, total	ug/L	Tier 1											
	Molybdenum	ug/L	Tier 1											
	Molybdenum, total	ug/L	Tier 1											
	Nickel	ug/L	Tier 1											
	Nickel, total	ug/L	Tier 1											
	Potassium	ug/L	Tier 1											
	Potassium, total	ug/L	Tier 1											
	Selenium	ug/L	Tier 1											
	Selenium, total	ug/L	Tier 1											
	Silver	ug/L	Tier 1											
	Silver, total	ug/L	Tier 1											
	Sodium	ug/L	Tier 1											
	Sodium, total	ug/L	Tier 1											
	Zinc	ug/L	Tier 1											
	Zinc, total	ug/L	Tier 1											
	Physical Property													
	Bicarbonate Alkalinity	mg/L	Tier 1											
	Carbonate Alkalinity	mg/L	Tier 1											
	Chloride	mg/L	Tier 1											
	Cyanide, total	mg/L	Tier 1											
	Fluoride	mg/L	Tier 1											

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	HW-1	HW-1A	HW-2	HW-6	HW-6	HW-6A	HYG-1	KMW-3	KMW-3	KMW-4
				Field ID	HW-1	HW-1A	HW-2	HW-6	Dup	HW-6A	HYG-1	KMW-3	Dup	KMW-4
	Nitrogen, Nitrate	mg/L	Tier 1											
	Sulfate	mg/L	Tier 1											
	Benzene	ug/L	Tier 1											
	Ethylbenzene	ug/L	Tier 1											
	Toluene	ug/L	Tier 1											
	Xylenes, m + p	ug/L	Tier 1											
	xylenes, o	ug/L	Tier 1											
	PAH													
	Acenaphthene	ug/L	Tier 1											
	Acenaphthylene	ug/L	Tier 1											
	Anthracene	ug/L	Tier 1											
	Benzo (a) anthracene	ug/L	Tier 1											
	Benzo (a) pyrene	ug/L	Tier 1											
	Benzo (b) Fluoranthene	ug/L	Tier 1											
	Benzo (g,h,i) perylene	ug/L	Tier 1											
	Benzo (k) Fluoranthene	ug/L	Tier 1											
	Chrysene	ug/L	Tier 1											
	Dibenzo (a,h) anthracene	ug/L	Tier 1											
	Fluoranthene	ug/L	Tier 1											
	Fluorene	ug/L	Tier 1											
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1											
	Napthalene	ug/L	Tier 1											
	Phenanthrene	ug/L	Tier 1											
	Pyrene	ug/L	Tier 1											
11/2/06	**Field**													
	Depth to Water	ft	Tier 1									17.37		28.75
	Dissolved Oxygen	mg/L	Tier 1									<0.001		<0.005
	GW Elevation	ft msl	Tier 1									1573.21		1557.87
	ORP	mV	Tier 1									-62		22
	pH	S.U.	Tier 1									6.5		6.9
	Specific Conductance	umhos/cm @25 degrees C	Tier 1									512		364
	Temperature	Celcius	Tier 1									9.6		8.5
	Turbidity	NTU	Tier 1									11		5
	Metal													
	Aluminum	ug/L	Tier 1									<6.3 U	<6.3 U	12 B
	Aluminum, total	ug/L	Tier 1											
	Antimony	ug/L	Tier 1									<0.24 U	<0.24 U	<0.24 U
	Antimony, total	ug/L	Tier 1											
	Arsenic	ug/L	Tier 1									7.7	7.6	1.4
	Arsenic, total	ug/L	Tier 1											
	Barium	ug/L	Tier 1									110	110	65
	Barium, total	ug/L	Tier 1											
	Beryllium	ug/L	Tier 1									<0.10 U	<0.10 U	<0.10 U
	Beryllium, total	ug/L	Tier 1											
	Boron	ug/L	Tier 1									46	46	61
	Boron, total	ug/L	Tier 1											
	Cadmium	ug/L	Tier 1									<0.14 U	<0.14 U	<0.14 U
	Cadmium, total	ug/L	Tier 1											
	Calcium	ug/L	Tier 1									50000	50000	44000
	Calcium, total	ug/L	Tier 1											
	Chromium	ug/L	Tier 1									0.34 B	0.42 B	<0.32 U
	Chromium, total	ug/L	Tier 1											
	Cobalt	ug/L	Tier 1									1.8	1.7	3.3
	Cobalt, total	ug/L	Tier 1											
	Copper	ug/L	Tier 1									0.15 B	0.65 B	0.46 B
	Copper, total	ug/L	Tier 1											
	Iron	ug/L	Tier 1									23000	23000	4700
	Iron, total	ug/L	Tier 1											
	Lead	ug/L	Tier 1									<0.049 U	<0.049 U	<0.049 U
	Lead, total	ug/L	Tier 1											
	Lithium	ug/L	Tier 1									2.2	2.4	0.57
	Lithium, total	ug/L	Tier 1											

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	HW-1	HW-1A	HW-2	HW-6	HW-6	HW-6A	HYG-1	KMW-3	KMW-3	KMW-4
				Field ID	HW-1	HW-1A	HW-2	HW-6	Dup	HW-6A	HYG-1	KMW-3	Dup	KMW-4
	Magnesium	ug/L	Tier 1									21000	21000	16000
	Magnesium, total	ug/L	Tier 1											
	Manganese	ug/L	Tier 1									**5700**	**5600**	**4900**
	Manganese, total	ug/L	Tier 1											
	Mercury - low level	ng/L	Tier 1											
	Mercury - Low Level - Dissolved	ng/L	Tier 1									0.46 B	0.5	0.6
	Molybdenum	ug/L	Tier 1									1.3 B	1.2 B	2.4 B
	Molybdenum, total	ug/L	Tier 1											
	Nickel	ug/L	Tier 1									0.66 B	0.69 B	4.7
	Nickel, total	ug/L	Tier 1											
	Potassium	ug/L	Tier 1									3300	3400	3600
	Potassium, total	ug/L	Tier 1											
	Selenium	ug/L	Tier 1									<0.67 U	<0.67 U	<0.67 U
	Selenium, total	ug/L	Tier 1											
	Silver	ug/L	Tier 1									<0.034 U	<0.034 U	<0.034 U
	Silver, total	ug/L	Tier 1											
	Sodium	ug/L	Tier 1									4400	4300	4300
	Sodium, total	ug/L	Tier 1											
	Thallium	ug/L	Tier 1									<0.053 U	<0.053 U	<0.053 U
	Thallium, total	ug/L	Tier 1											
	Total Hardness	ug/L	Tier 1											
	Vanadium	ug/L	Tier 1									0.66 B	0.65 B	0.45 B
	Vanadium, total	ug/L	Tier 1											
	Zinc	ug/L	Tier 1									5.4 B	5.1 B	15
	Zinc, total	ug/L	Tier 1											
	PCB's													
	Aroclor-1016	ug/L	Tier 1									<0.23 U	<0.23 U	<0.23 U
	Aroclor-1221	ug/L	Tier 1									<0.23 U	<0.23 U	<0.23 U
	Aroclor-1232	ug/L	Tier 1									<0.23 U	<0.23 U	<0.23 U
	Aroclor-1242	ug/L	Tier 1									<0.23 U	<0.23 U	<0.23 U
	Aroclor-1248	ug/L	Tier 1									<0.23 U	<0.23 U	<0.23 U
	Aroclor-1254	ug/L	Tier 1									<0.23 U	<0.23 U	<0.23 U
	Aroclor-1260	ug/L	Tier 1									<0.23 U	<0.23 U	<0.23 U
	Total PCBs	ug/L	Tier 1									<0.23 U	<0.23 U	<0.23 U
	Physical Property													
	Bicarbonate Alkalinity	mg/L	Tier 1									100	99	100
	Carbonate Alkalinity	mg/L	Tier 1									<1.7 U	<1.7 U	<1.7 U
	Chloride	mg/L	Tier 1									3.5 B	3.5 B	3.4 B
	Cyanide, total	mg/L	Tier 1									<0.0094 U	<0.0094 U	<0.0094 U
	Fluoride	mg/L	Tier 1									0.23 B	0.23 B	0.20 B
	Nitrogen, Ammonia	mg/L	Tier 1									<0.50 U	0.71 B	0.62
	Nitrogen, Nitrate	mg/L	Tier 1									<0.088 U	<0.088 U	<0.088 U
	Nitrogen, Nitrite	mg/L	Tier 1									<0.040 U	<0.040 U	<0.040 U
	Sulfate	mg/L	Tier 1									130	130	86
	Sulfide	mg/L	Tier 1									<2.5 U	<2.5 U	<2.5 U
	Total Alkalinity	mg/L	Tier 1									100	99	100
	Total Hardness - Dissolved	mg/L	Tier 1									210	210	180
11/02/06	**VOC**													
	1,1,1-Trichloroethane	ug/L	Tier 1									<0.90 U	<0.90 U	<0.90 U
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1									<0.20 U	<0.20 U	<0.20 U
	1,1,2-Trichloroethane	ug/L	Tier 1									<0.42 U	<0.42 U	<0.42 U
	1,1-Dichloroethane	ug/L	Tier 1									<0.75 U	<0.75 U	<0.75 U
	1,1-Dichloroethene	ug/L	Tier 1									<0.57 U	<0.57 U	<0.57 U
	1,2-Dichloroethane	ug/L	Tier 1									<0.36 U	<0.36 U	<0.36 U
	1,2-Dichloroethene, Total	ug/L	Tier 1									<1.4 U	<1.4 U	<1.4 U
	1,2-Dichloropropane	ug/L	Tier 1									<0.46 U	<0.46 U	<0.46 U
	2-Hexanone	ug/L	Tier 1									<1.1 U	<1.1 U	<1.1 U
	4-Methyl-2-pentanone	ug/L	Tier 1									<1.2 U	<1.2 U	<1.2 U
	Acetone	ug/L	Tier 1									<2.3 U	<2.3 U	<2.3 U
	Benzene	ug/L	Tier 1									<0.41 U	<0.41 U	<0.41 U
	Bromodichloromethane	ug/L	Tier 1									<0.56 U	<0.56 U	<0.56 U
	Bromoform	ug/L	Tier 1									<0.94 U	<0.94 U	<0.94 U

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	HW-1	HW-1A	HW-2	HW-6	HW-6	HW-6A	HYG-1	KMW-3	KMW-3	KMW-4
				Field ID	HW-1	HW-1A	HW-2	HW-6	Dup	HW-6A	HYG-1	KMW-3	Dup	KMW-4
	Bromomethane	ug/L	Tier 1									<0.91 U	<0.91 U	<0.91 U
	Carbon Disulfide	ug/L	Tier 1									<0.66 U	<0.66 U	<0.66 U
	Carbon Tetrachloride	ug/L	Tier 1									<0.49 U	<0.49 U	<0.49 U
	Chlorobenzene	ug/L	Tier 1									<0.41 U	<0.41 U	<0.41 U
	Chlorodibromomethane	ug/L	Tier 1									<0.81 U	<0.81 U	<0.81 U
	Chloroethane	ug/L	Tier 1									<0.97 U	<0.97 U	<0.97 U
	Chloroform	ug/L	Tier 1									<0.37 U	<0.37 U	<0.37 U
	Chloromethane	ug/L	Tier 1									<0.24 U	<0.24 U	<0.24 U
	cis-1,3-Dichloropropene	ug/L	Tier 1									<0.19 U	<0.19 U	<0.19 U
	Ethylbenzene	ug/L	Tier 1									<0.54 U	<0.54 U	<0.54 U
	Methel ethyl Ketone	ug/L	Tier 1									<4.3 U	<4.3 U	<4.3 U
	Methylene Chloride	ug/L	Tier 1									<0.43 U	0.67 J	0.73 J
	Styrene	ug/L	Tier 1									<0.86 U	<0.86 U	<0.86 U
	Tetrachloroethene	ug/L	Tier 1									<0.45 U	<0.45 U	<0.45 U
	Toluene	ug/L	Tier 1									<0.67 U	<0.67 U	<0.67 U
	trans-1,3-Dichloropropene	ug/L	Tier 1									<0.19 U	<0.19 U	<0.19 U
	Trichloroethene	ug/L	Tier 1									<0.48 U	<0.48 U	<0.48 U
	Vinyl Chloride	ug/L	Tier 1									<0.18 U	<0.18 U	<0.18 U
	Xylenes	ug/L	Tier 1									<2.6 U	<2.6 U	<2.6 U
	PAH													
	Acenaphthene	ug/L	Tier 1									<0.0082 U	<0.0082 U	<0.0082 U
	Acenaphthylene	ug/L	Tier 1									<0.0081 U	<0.0081 U	<0.0081 U
	Anthracene	ug/L	Tier 1									<0.012 U	<0.012 U	<0.012 U
	Benzo (a) anthracene	ug/L	Tier 1									<0.016 U	<0.016 U	<0.016 U
	Benzo (a) pyrene	ug/L	Tier 1									<0.018 U	<0.018 U	<0.018 U
	Benzo (b) Fluoranthene	ug/L	Tier 1									<0.016 U	<0.016 U	<0.016 U
	Benzo (g,h,i) perylene	ug/L	Tier 1									<0.019 U	<0.019 U	<0.019 U
	Benzo (k) Fluoranthene	ug/L	Tier 1									<0.019 U	<0.019 U	<0.019 U
	Chrysene	ug/L	Tier 1									<0.019 U	<0.019 U	<0.019 U
	Dibenzo (a,h) anthracene	ug/L	Tier 1									<0.019 U	<0.019 U	<0.019 U
	Fluoranthene	ug/L	Tier 1									<0.015 U	<0.015 U	<0.015 U
	Fluorene	ug/L	Tier 1									<0.0091 U	<0.0091 U	<0.0091 U
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1									<0.019 U	<0.019 U	<0.019 U
	Napthalene	ug/L	Tier 1									<0.012 U	<0.012 U	<0.012 U
	Phenanthrene	ug/L	Tier 1									<0.011 U	<0.011 U	<0.011 U
	Pyrene	ug/L	Tier 1									<0.015 U	<0.015 U	<0.015 U
3/5/07	**Field**													
	Depth to Water	ft	Tier 1									15.58		30.5
	Dissolved Oxygen	mg/L	Tier 1									<0.005		0.005
	GW Elevation	ft msl	Tier 1									1575		1556.12
	ORP	mV	Tier 1									-39		-29
	pH	S.U.	Tier 1									6.5		6.6
	Specific Conductance	umhos/cm @25 degrees C	Tier 1									436		394
	Temperature	Celcius	Tier 1									8.6		9.5
	Turbidity	NTU	Tier 1									NM		NM
	Metal													
	Aluminum	ug/L	Tier 1									<6.3 U		<6.3 U
	Aluminum, total	ug/L	Tier 1											
	Antimony	ug/L	Tier 1									<0.24 U		<0.24 U
	Antimony, total	ug/L	Tier 1											
	Arsenic	ug/L	Tier 1									12		2.6
	Arsenic, total	ug/L	Tier 1											
	Barium	ug/L	Tier 1									74		51
	Barium, total	ug/L	Tier 1											
	Beryllium	ug/L	Tier 1									<0.10 U		<0.10 U
	Beryllium, total	ug/L	Tier 1											
	Boron	ug/L	Tier 1									39		68
	Boron, total	ug/L	Tier 1											
	Cadmium	ug/L	Tier 1									<0.12 U		<0.12 U
	Cadmium, total	ug/L	Tier 1											
	Calcium	ug/L	Tier 1									41000		40000
	Calcium, total	ug/L	Tier 1											

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	HW-1	HW-1A	HW-2	HW-6	HW-6	HW-6A	HYG-1	KMW-3	KMW-3	KMW-4
				Field ID	HW-1	HW-1A	HW-2	HW-6	Dup	HW-6A	HYG-1	KMW-3	Dup	KMW-4
	Chromium	ug/L	Tier 1									0.40 B		<0.32 U
	Chromium, total	ug/L	Tier 1											
	Cobalt	ug/L	Tier 1									1.5		2.5
	Cobalt, total	ug/L	Tier 1											
	Copper	ug/L	Tier 1									<0.59 U		<0.59 U
	Copper, total	ug/L	Tier 1											
	Iron	ug/L	Tier 1									22000		5100
	Iron, total	ug/L	Tier 1											
	Lead	ug/L	Tier 1									<0.049 U		<0.049 U
	Lead, total	ug/L	Tier 1											
	Lithium	ug/L	Tier 1									2.2		0.96
	Lithium, total	ug/L	Tier 1											
	Magnesium	ug/L	Tier 1									18000		15000
	Magnesium, total	ug/L	Tier 1											
	Manganese	ug/L	Tier 1									**4700**		**4500**
	Manganese, total	ug/L	Tier 1											
	Mercury - low level	ng/L	Tier 1											
	Mercury - Low Level - Dissolved	ng/L	Tier 1									0.86		**1.32**
	Molybdenum	ug/L	Tier 1									1.0 B		1.7 B
	Molybdenum, total	ug/L	Tier 1											
	Nickel	ug/L	Tier 1									0.83 B		3.6
	Nickel, total	ug/L	Tier 1											
	Potassium	ug/L	Tier 1									2700		3200
	Potassium, total	ug/L	Tier 1											
	Selenium	ug/L	Tier 1									<0.67 U		<0.67 U
	Selenium, total	ug/L	Tier 1											
	Silver	ug/L	Tier 1									<0.034 U		<0.034 U
	Silver, total	ug/L	Tier 1											
	Sodium	ug/L	Tier 1									4000		4200
	Sodium, total	ug/L	Tier 1											
	Thallium	ug/L	Tier 1									<0.053 U		<0.053 U
	Thallium, total	ug/L	Tier 1											
	Total Hardness	ug/L	Tier 1											
	Vanadium	ug/L	Tier 1									0.75 B		0.57 B
	Vanadium, total	ug/L	Tier 1											
	Zinc	ug/L	Tier 1									<0.98 U		<0.98 U
	Zinc, total	ug/L	Tier 1											
3/5/07	**PCB's**													
	Aroclor-1016	ug/L	Tier 1											<0.12 U
	Aroclor-1221	ug/L	Tier 1											<0.12 U
	Aroclor-1232	ug/L	Tier 1											<0.12 U
	Aroclor-1242	ug/L	Tier 1											<0.12 U
	Aroclor-1248	ug/L	Tier 1											<0.12 U
	Aroclor-1254	ug/L	Tier 1											<0.12 U
	Aroclor-1260	ug/L	Tier 1											<0.12 U
	Total PCBs	ug/L	Tier 1											<0.12 U
	Physical Property													
	Bicarbonate Alkalinity	mg/L	Tier 1									110		100
	Carbonate Alkalinity	mg/L	Tier 1									<1.7 U		<1.7 U
	Chloride	mg/L	Tier 1									3.6 B		3.1 B
	Cyanide, total	mg/L	Tier 1									<0.0094 U		<0.0094 U
	Fluoride	mg/L	Tier 1									0.25 B		0.22 B
	Nitrogen, Ammonia	mg/L	Tier 1									0.75 B		0.62 B
	Nitrogen, Nitrate	mg/L	Tier 1									<0.085 U		<0.085 U
	Nitrogen, Nitrite	mg/L	Tier 1									<0.030 U		<0.036 U
	Sulfate	mg/L	Tier 1									110		93
	Sulfide	mg/L	Tier 1									<2.5 U		<2.5 U
	Total Alkalinity	mg/L	Tier 1									110		100
	Total Hardness - Dissolved	mg/l	Tier 1									180		160
	VOC													
	1,1,1-Trichloroethane	ug/L	Tier 1									<0.90 U		<0.90 U

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	HW-1	HW-1A	HW-2	HW-6	HW-6	HW-6A	HYG-1	KMW-3	KMW-3	KMW-4
				Field ID	HW-1	HW-1A	HW-2	HW-6	Dup	HW-6A	HYG-1	KMW-3	Dup	KMW-4
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1									<0.20 U		<0.20 U
	1,1,2-Trichloroethane	ug/L	Tier 1									<0.42 U		<0.42 U
	1,1-Dichloroethane	ug/L	Tier 1									<0.75 U		<0.75 U
	1,1-Dichloroethene	ug/L	Tier 1									<0.57 U		<0.57 U
	1,2-Dichloroethane	ug/L	Tier 1									<0.36 U		<0.36 U
	1,2-Dichloroethene, Total	ug/L	Tier 1									<1.4 U		<1.4 U
	1,2-Dichloropropane	ug/L	Tier 1									<0.46 U		<0.46 U
	2-Hexanone	ug/L	Tier 1									<1.1 U		<1.1 U
	4-Methyl-2-pentanone	ug/L	Tier 1									<1.2 U		<1.2 U
	Acetone	ug/L	Tier 1									<2.3 U		<2.3 U
	Benzene	ug/L	Tier 1									<0.41 U		<0.41 U
	Bromodichloromethane	ug/L	Tier 1									<0.56 U		<0.56 U
	Bromoform	ug/L	Tier 1									<0.94 U		<0.94 U
	Bromomethane	ug/L	Tier 1									<0.91 U		<0.91 U
	Carbon Disulfide	ug/L	Tier 1									<0.66 U		<0.66 U
	Carbon Tetrachloride	ug/L	Tier 1									<0.49 U		<0.49 U
	Chlorobenzene	ug/L	Tier 1									<0.41 U		<0.41 U
	Chlorodibromomethane	ug/L	Tier 1									<0.81 U		<0.81 U
	Chloroethane	ug/L	Tier 1									<0.97 U		<0.97 U
	Chloroform	ug/L	Tier 1									<0.37 U		<0.37 U
	Chloromethane	ug/L	Tier 1									<0.24 U		<0.24 U
	cis-1,3-Dichloropropene	ug/L	Tier 1									<0.19 U		<0.19 U
	Ethylbenzene	ug/L	Tier 1									<0.54 U		<0.54 U
	Methel ethyl Ketone	ug/L	Tier 1									<4.3 U		<4.3 U
	Methylene Chloride	ug/L	Tier 1									<0.43 U		<0.43 U
	Styrene	ug/L	Tier 1									<0.86 U		<0.86 U
	Tetrachloroethene	ug/L	Tier 1									<0.45 U		<0.45 U
	Toluene	ug/L	Tier 1									<0.67 U		<0.67 U
	trans-1,3-Dichloropropene	ug/L	Tier 1									<0.19 U		<0.19 U
	Trichloroethene	ug/L	Tier 1									<0.48 U		<0.48 U
	Vinyl Chloride	ug/L	Tier 1									<0.18 U		<0.18 U
	Xylenes	ug/L	Tier 1									<2.6 U		<2.6 U
	PAH													
	Acenaphthene	ug/L	Tier 1											<0.0085 U
	Acenaphthylene	ug/L	Tier 1											<0.0084 U
	Anthracene	ug/L	Tier 1											<0.012 U
	Benzo (a) anthracene	ug/L	Tier 1											<0.016 U
	Benzo (a) pyrene	ug/L	Tier 1											<0.019 U
	Benzo (b) Fluoranthene	ug/L	Tier 1											<0.016 U
	Benzo (g,h,i) perylene	ug/L	Tier 1											<0.020 U
	Benzo (k) Fluoranthene	ug/L	Tier 1											<0.020 U
	Chrysene	ug/L	Tier 1											<0.020 U
	Dibenzo (a,h) anthracene	ug/L	Tier 1											<0.020 U
	Fluoranthene	ug/L	Tier 1											<0.016 U
	Fluorene	ug/L	Tier 1											<0.0094 U
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1											<0.020 U
	Napthalene	ug/L	Tier 1											0.014 J
	Phenanthrene	ug/L	Tier 1											<0.012 U
	Pyrene	ug/L	Tier 1											<0.015 U
5/9/07	**Field**													
	Depth to Water	ft	Tier 1									13.48		28.45
	GW Elevation	ft msl	Tier 1									1577.1		1558.17
6/5/07	**Field**													
	Depth to Water	ft	Tier 1		6.2	6.12	8.71	4.24		3.67	7.83	14		28.2
	Dissolved Oxygen	mg/L	Tier 1		0.01	4	0.6	0.1		0.5	3.5	<0.005		0.025
	GW Elevation	ft msl	Tier 1		1535.66	1535.7	1536.28	1533.39		1533.91	1535.6	1576.58		1558.42
	ORP	mV	Tier 1		-103	72.9	-180	-153		-130	177	NM		55.5
	pH	S.U.	Tier 1		7.39	8.35	8	7.6		8.2	7.49	6.7		6.6
	Specific Conductance	umhos/cm @25 degrees C	Tier 1		513	491	491.2	495.6		447.3	555	407		394
	Temperature	Celcius	Tier 1		8.79	6.79	8.9	10.3		11.2	7.09	11.72		12.68
	Metal													

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	HW-1	HW-1A	HW-2	HW-6	HW-6	HW-6A	HYG-1	KMW-3	KMW-3	KMW-4
				Field ID	HW-1	HW-1A	HW-2	HW-6	Dup	HW-6A	HYG-1	KMW-3	Dup	KMW-4
	Aluminum	ug/L	Tier 1		5.2 B	<4.4 U	<4.4 U	5.7 B	6.3 B	6.8 B	9.2 B	950	800	1400
	Antimony	ug/L	Tier 1		<0.10 U	6.8	6.1	<0.10 U	<0.10 U	4.8	9.6	0.17 B	0.15 B	0.18 B
	Arsenic	ug/L	Tier 1		0.82 B	0.23 B	0.38 B	4.4	4.2	0.15 B	0.48 B	18	19	3
	Barium	ug/L	Tier 1		16	48	16	36	35	37	55	75	79	57
	Beryllium	ug/L	Tier 1		<0.070 U	<0.070 U	<0.070 U	<0.070 U	<0.070 U	<0.070 U	<0.070 U	0.11 B	0.090 B	0.090 B
	Boron	ug/L	Tier 1		91	66	74	73	66	96	55	45	44	58
	Cadmium	ug/L	Tier 1		<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U	<0.097 U
	Calcium	ug/L	Tier 1		56000	46000	59000	63000	64000	47000	57000	36000	38000	41000
	Chromium	ug/L	Tier 1		<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	3.1	3.1	5.6
	Cobalt	ug/L	Tier 1		1.9	2.5	2	0.42 B	0.43 B	0.64 B	3.5	3.7	4	3.7
	Copper	ug/L	Tier 1		0.71 B	3.9	0.78 B	<0.12 U	<0.12 U	0.59 B	1.4	3.9	3.9	**9.7**
	Iron	ug/L	Tier 1		640	3500	980	3000	2900	960	200	24000	26000	7700
	Lead	ug/L	Tier 1		<0.044 U	0.55 B	0.15 B	<0.044 U	<0.044 U	<0.044 U	<0.044 U	1.2	1.2	1.6
	Lithium	ug/L	Tier 1		2.7	<0.050 U	1	4.4	4.3	<0.050 U	<0.050 U	2.5	2.5	2.2
	Magnesium	ug/L	Tier 1		23000	26000	25000	21000	21000	23000	26000	16000	17000	15000
	Manganese	ug/L	Tier 1		330	29	290	350	330	27	26	**4400**	**4700**	**4600**
	Mercury - low level	ng/L	Tier 1		0.639	1.01	**1.41**	0.257 B	0.378 B	0.578	0.994	0.613	0.84	**2.83**
	Molybdenum	ug/L	Tier 1		5.1 B	9.4 B	9.0 B	3.4 B	3.5 B	10	11	1.5 B	1.6 B	1.5 B
	Nickel	ug/L	Tier 1		3.3	0.76 B	0.94 B	0.72 B	0.72 B	<0.075 U	0.71 B	3	3.1	8.2
	Potassium	ug/L	Tier 1		3500	7100	6000	3600	3400	9400	9000	2800	2900	3600
	Selenium	ug/L	Tier 1		0.19 B	0.40 B	<0.15 U	0.49 B	0.52 B	<0.15 U	0.55 B	0.49 B	0.38 B	0.23 B
	Silver	ug/L	Tier 1		<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U	<0.11 U
	Sodium	ug/L	Tier 1		17000	15000	14000	17000	16000	12000	15000	3500	3600	4000
	Thallium	ug/L	Tier 1		<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U	<0.030 U
	Total Hardness	ug/L	Tier 1		230000	220000	250000	240000	250000	210000	250000	160000	160000	170000
	Vanadium	ug/L	Tier 1		<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	0.55 B	3.9	3.8	4
	Zinc	ug/L	Tier 1		4.0 B	<2.1 U	<2.1 U	<2.1 U	<2.1 U	<2.1 U	<2.1 U	9.0 B	4.4 B	12
	Physical Property													
	Bicarbonate Alkalinity	mg/L	Tier 1		120	100	120	150	150	110	110	79	81	90
	Carbonate Alkalinity	mg/L	Tier 1		<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U	<3.2 U
	Chloride	mg/L	Tier 1		12	11	12	13	13	11	12	2.8 B	2.7 B	2.7 B
	Cyanide, total	mg/L	Tier 1		<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U	<0.0060 U
	Fluoride	mg/L	Tier 1		0.24 B	0.27 B	0.27 B	0.22 B	0.22 B	0.31 B	0.30 B	0.19 B	0.20 B	0.19 B
	Nitrogen, Ammonia	mg/L	Tier 1		<0.50 U	<0.50 U	<0.50 U	<0.50 U	<0.50 U	<0.50 U	<0.50 U	0.69 B	0.71 B	0.59 B
	Nitrogen, Nitrate	mg/L	Tier 1		0.45	1.3	0.95	<0.085 U	<0.085 U	0.42	2	<0.085 U	<0.085 U	<0.085 U
	Nitrogen, Nitrite	mg/L	Tier 1		<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U
	Sulfate	mg/L	Tier 1		120	120	130	110	110	120	140	97	100	95
	Sulfide	mg/L	Tier 1		<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U	<2.3 U			
	Total Alkalinity	mg/L	Tier 1		120	100	120	150	150	110	110	79	81	90
	VOC													
	1,1,1-Trichloroethane	ug/L	Tier 1		<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U			
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1		<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U			
	1,1,2-Trichloroethane	ug/L	Tier 1		<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U			
	1,1-Dichloroethane	ug/L	Tier 1		<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U			
	1,1-Dichloroethene	ug/L	Tier 1		<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U			
	1,2-Dichloroethane	ug/L	Tier 1		<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U			
	1,2-Dichloroethene, Total	ug/L	Tier 1		<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U			
	1,2-Dichloropropane	ug/L	Tier 1		<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U			
	2-Hexanone	ug/L	Tier 1		<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U			
	4-Methyl-2-pentanone	ug/L	Tier 1		<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U			
	Acetone	ug/L	Tier 1		<2.3 U	<2.3 U	2.6 J	5.4	5.3	<2.3 U	<2.3 U			
	Benzene	ug/L	Tier 1		<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U			
	Bromodichloromethane	ug/L	Tier 1		<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U			
	Bromoform	ug/L	Tier 1		<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U			
	Bromomethane	ug/L	Tier 1		<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U			
	Carbon Disulfide	ug/L	Tier 1		<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U			
	Carbon Tetrachloride	ug/L	Tier 1		<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U			
	Chlorobenzene	ug/L	Tier 1		<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U			
	Chlorodibromomethane	ug/L	Tier 1		<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U			
	Chloroethane	ug/L	Tier 1		<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U			
	Chloroform	ug/L	Tier 1		<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	1.6	<0.37 U			
	Chloromethane	ug/L	Tier 1		<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U			

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	HW-1	HW-1A	HW-2	HW-6	HW-6	HW-6A	HYG-1	KMW-3	KMW-3	KMW-4
				Field ID	HW-1	HW-1A	HW-2	HW-6	Dup	HW-6A	HYG-1	KMW-3	Dup	KMW-4
	cis-1,3-Dichloropropene	ug/L	Tier 1		<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U			
	Ethylbenzene	ug/L	Tier 1		<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U			
	Methel ethyl Ketone	ug/L	Tier 1		<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U			
	Methylene Chloride	ug/L	Tier 1		<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U			
	Styrene	ug/L	Tier 1		<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U			
	Tetrachloroethene	ug/L	Tier 1		<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U			
	Toluene	ug/L	Tier 1		<0.67 U	<0.67 U	<0.67 U	1	1	1	<0.67 U			
	trans-1,3-Dichloropropene	ug/L	Tier 1		<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U			
	Trichloroethene	ug/L	Tier 1		<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U			
	Vinyl Chloride	ug/L	Tier 1		<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U			
	Xylenes	ug/L	Tier 1		<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U			
	Xylenes, m + p	ug/L	Tier 1											
	xylenes, o	ug/L	Tier 1											
	PAH													
	Acenaphthene	ug/L	Tier 1											
	Acenaphthylene	ug/L	Tier 1											
	Anthracene	ug/L	Tier 1											
	Benzo (a) anthracene	ug/L	Tier 1											
	Benzo (a) pyrene	ug/L	Tier 1											
	Benzo (b) Fluoranthene	ug/L	Tier 1											
	Benzo (g,h,i) perylene	ug/L	Tier 1											
	Benzo (k) Fluoranthene	ug/L	Tier 1											
	Chrysene	ug/L	Tier 1											
	Dibenzo (a,h) anthracene	ug/L	Tier 1											
	Fluoranthene	ug/L	Tier 1											
	Fluorene	ug/L	Tier 1											
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1											
	Napthalene	ug/L	Tier 1		<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U	<0.74 U			
	Phenanthrene	ug/L	Tier 1											
	Pyrene	ug/L	Tier 1											

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-11	MW-11	MW-12	MW-12	MW-604
				Field ID	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-11	Dup	MW-12	Dup	MW-604
6/13/06	**Field**													
	Dissolved Oxygen	mg/L	Tier 1							0.1		<0.001		
	GW Elevation	ft msl	Tier 1							1586.26		1586.6		
	ORP	mV	Tier 1							4		-71		
	pH	S.U.	Tier 1							6.8		7.8		
	Specific Conductance	umhos/cm @25 degrees C	Tier 1							2399		321		
	Temperature	Celcius	Tier 1							20		10		
6/22/06	**Metal**													
	Aluminum	ug/L	Tier 1									5.3		
	Aluminum, total	ug/L	Tier 1							483	487			
	Antimony	ug/L	Tier 1									<0.1 U		
	Antimony, total	ug/L	Tier 1							<0.1 U	<0.1 U			
	Arsenic	ug/L	Tier 1									10.6		
	Arsenic, total	ug/L	Tier 1							11	10.5			
	Barium	ug/L	Tier 1									32.9		
	Barium, total	ug/L	Tier 1							**582**	**583**			
	Beryllium	ug/L	Tier 1									**4.8**		
	Beryllium, total	ug/L	Tier 1							**2.6**	**2.6**			
	Boron	ug/L	Tier 1									33.8		
	Boron, total	ug/L	Tier 1							12.8	14.9			
	Cadmium	ug/L	Tier 1									<0.1 U		
	Cadmium, total	ug/L	Tier 1							<0.1 U	<0.1 U			
	Calcium	ug/L	Tier 1									35000		
	Calcium, total	ug/L	Tier 1							229000	288000			
	Chromium	ug/L	Tier 1									6.7		
	Chromium, total	ug/L	Tier 1							8.7	9.9			
	Cobalt	ug/L	Tier 1									0.16		
	Cobalt, total	ug/L	Tier 1							10.3	10.5			
	Copper	ug/L	Tier 1									0.28		
	Copper, total	ug/L	Tier 1							1.1	1.1			
	Iron	ug/L	Tier 1									9190		
	Iron, total	ug/L	Tier 1							331000	417000			
	Lead	ug/L	Tier 1									<0.1 U		
	Lead, total	ug/L	Tier 1							<0.1 U	<0.1 U			
	Lithium	ug/L	Tier 1									1.3		
	Lithium, total	ug/L	Tier 1							2	2.4			
	Magnesium	ug/L	Tier 1									10900		
	Magnesium, total	ug/L	Tier 1							86100	80600			
	Manganese	ug/L	Tier 1									893		
	Manganese, total	ug/L	Tier 1							**21200**	**26600**			
	Mercury	ug/L	Tier 1									<0.2 U		
	Mercury, total	ug/L	Tier 1							<0.2 U	<0.2 U			
	Molybdenum	ug/L	Tier 1									0.3		
	Molybdenum, total	ug/L	Tier 1							0.51	0.55			
	Nickel	ug/L	Tier 1									0.1		
	Nickel, total	ug/L	Tier 1							6.1	6.1			
	Potassium	ug/L	Tier 1									1740		
	Potassium, total	ug/L	Tier 1							15000	13300			
	Selenium	ug/L	Tier 1									<0.5 U		
	Selenium, total	ug/L	Tier 1							1.3	1.2			
	Silver	ug/L	Tier 1									<0.2 U		
	Silver, total	ug/L	Tier 1							<0.2 U	<0.2 U			
	Sodium	ug/L	Tier 1									3630		
	Sodium, total	ug/L	Tier 1							56500	54200			
	Zinc	ug/L	Tier 1											
	Zinc, total	ug/L	Tier 1							6.9	<5 U	2.8		
	Physical Property													
	Bicarbonate Alkalinity	mg/L	Tier 1							540	540	140		
	Carbonate Alkalinity	mg/L	Tier 1							<1.7 U	<1.7 U	<1.7 U		
	Chloride	mg/L	Tier 1							44	43	3.3 B		
	Cyanide, total	mg/L	Tier 1							<0.0094 U	<0.0094 U	<0.0094 U		
	Fluoride	mg/L	Tier 1							0.57	0.62	<0.096 U		

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-11	MW-11	MW-12	MW-12	MW-604
				Field ID	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-11	Dup	MW-12	Dup	MW-604
	Nitrogen, Nitrate	mg/L	Tier 1							0.19 B	0.17 B	<0.088 U		
	Sulfate	mg/L	Tier 1							1000	950	14		
	Benzene	ug/L	Tier 1							0.42 J	0.41 J	<0.14 U		
	Ethylbenzene	ug/L	Tier 1							<0.40 U	<0.40 U	<0.40 U		
	Toluene	ug/L	Tier 1							1.8	1.7	<0.36 U		
	Xylenes, m + p	ug/L	Tier 1							<0.74 U	<0.74 U	<0.74 U		
	xylenes, o	ug/L	Tier 1							<0.36 U	<0.36 U	<0.36 U		
	PAH													
	Acenaphthene	ug/L	Tier 1							<0.0082 U	<0.0082 U	<0.0082 U		
	Acenaphthylene	ug/L	Tier 1							<0.0081 U	0.0083 J	<0.0081 U		
	Anthracene	ug/L	Tier 1							<0.012 U	<0.012 U	<0.012 U		
	Benzo (a) anthracene	ug/L	Tier 1							<0.016 U	<0.016 U	<0.016 U		
	Benzo (a) pyrene	ug/L	Tier 1							<0.018 U	<0.018 U	<0.018 U		
	Benzo (b) Fluoranthene	ug/L	Tier 1							<0.016 U	<0.016 U	<0.016 U		
	Benzo (g,h,i) perylene	ug/L	Tier 1							<0.019 U	<0.019 U	<0.019 U		
	Benzo (k) Fluoranthene	ug/L	Tier 1							<0.019 U	<0.019 U	<0.019 U		
	Chrysene	ug/L	Tier 1							<0.019 U	<0.019 U	<0.019 U		
	Dibenzo (a,h) anthracene	ug/L	Tier 1							<0.019 U	<0.019 U	<0.019 U		
	Fluoranthene	ug/L	Tier 1							<0.015 U	<0.015 U	<0.015 U		
	Fluorene	ug/L	Tier 1							<0.0091 U	<0.0091 U	<0.0091 U		
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1							<0.019 U	<0.019 U	<0.019 U		
	Napthalene	ug/L	Tier 1							0.015 J	0.016 J	<0.012 U		
	Phenanthrene	ug/L	Tier 1							<0.011 U	<0.011 U	<0.011 U		
	Pyrene	ug/L	Tier 1							<0.015 U	<0.015 U	<0.015 U		
11/2/06	**Field**													
	Depth to Water	ft	Tier 1		25.67		25.27	25.37		5.5		4.36		6.92
	Dissolved Oxygen	mg/L	Tier 1		<0.005			<0.005		0.8		<0.001		<0.05
	GW Elevation	ft msl	Tier 1		1556.83		1556.13	1556.1		1588.76		1585.9		1588.64
	ORP	mV	Tier 1		56		90	-6		-56		-94		-50
	pH	S.U.	Tier 1		6.2		6.5	6.7		6.2		7.2		6.7
	Specific Conductance	umhos/cm @25 degrees C	Tier 1		1330		441	1547		2547		315		272
	Temperature	Celcius	Tier 1		10		11	8.6		7.4		10		10
	Turbidity	NTU	Tier 1		6		2	4		15		3		3
	Metal													
	Aluminum	ug/L	Tier 1		23 B	26 B	16 B	<6.3 U		430		19 B	8.2 B	32 B
	Aluminum, total	ug/L	Tier 1											
	Antimony	ug/L	Tier 1		<0.24 U	<0.24 U	<0.24 U	<0.24 U		0.31 B		<0.24 U	<0.24 U	<0.24 U
	Antimony, total	ug/L	Tier 1											
	Arsenic	ug/L	Tier 1		4.4	4.6	3.8	3.4		18		10	10	2.9
	Arsenic, total	ug/L	Tier 1											
	Barium	ug/L	Tier 1		60	60	130	55		**490**		32	33	74
	Barium, total	ug/L	Tier 1											
	Beryllium	ug/L	Tier 1		0.18 B	0.18 B	0.26 B	<0.10 U		0.18 B		<0.10 U	<0.10 U	<0.10 U
	Beryllium, total	ug/L	Tier 1											
	Boron	ug/L	Tier 1		81	81	62	79		20		37	35	59
	Boron, total	ug/L	Tier 1											
	Cadmium	ug/L	Tier 1		<0.14 U	<0.14 U	<0.14 U	<0.14 U		<0.14 U		<0.14 U	<0.14 U	<0.14 U
	Cadmium, total	ug/L	Tier 1											
	Calcium	ug/L	Tier 1		120000	120000	49000	170000		250000		35000	35000	30000
	Calcium, total	ug/L	Tier 1											
	Chromium	ug/L	Tier 1		1.6	1.8	1.3	0.87 B		8.9		0.91 B	0.36 B	0.44 B
	Chromium, total	ug/L	Tier 1											
	Cobalt	ug/L	Tier 1		**120**	**120**	11	17		12		0.27 B	0.27 B	2.2
	Cobalt, total	ug/L	Tier 1											
	Copper	ug/L	Tier 1		0.22 B	0.31 B	0.44 B	0.25 B		2.2		<0.15 U	<0.15 U	0.2 B
	Copper, total	ug/L	Tier 1											
	Iron	ug/L	Tier 1		170000	170000	8000	160000		270000		10000	9900	9200
	Iron, total	ug/L	Tier 1											
	Lead	ug/L	Tier 1		0.19 B	0.17 B	0.15 B	0.05 B		0.13 B		<0.049 U	<0.049 U	0.05 B
	Lead, total	ug/L	Tier 1											
	Lithium	ug/L	Tier 1		4.9	4.8	0.97	5.9		1.8		1.6	1.5	4.4
	Lithium, total	ug/L	Tier 1											

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-11	MW-11	MW-12	MW-12	MW-604
				Field ID	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-11	Dup	MW-12	Dup	MW-604
	Magnesium	ug/L	Tier 1		60000	62000	21000	73000		94000		12000	12000	12000
	Magnesium, total	ug/L	Tier 1											
	Manganese	ug/L	Tier 1		**21000**	**22000**	**8700**	**27000**		**19000**		970	940	**2800**
	Manganese, total	ug/L	Tier 1											
	Mercury - low level	ng/L	Tier 1											
	Mercury - Low Level - Dissolved	ng/L	Tier 1		0.29 B	<0.18 U	0.47 B	0.20 B		**1.55**		0.366 B	0.360 B	0.33 B
	Molybdenum	ug/L	Tier 1		<6.1 U	<6.1 U	2.7 B	1.9 B		2.5		<0.61 U	<0.61 U	1.7 B
	Molybdenum, total	ug/L	Tier 1											
	Nickel	ug/L	Tier 1		**84**	**85**	13	1.5		2.4		0.4 B	<0.32 U	1.2
	Nickel, total	ug/L	Tier 1											
	Potassium	ug/L	Tier 1		7000	7200	3700	7000		14000		2000	1900	3400
	Potassium, total	ug/L	Tier 1											
	Selenium	ug/L	Tier 1		<0.67 U	1.1	<0.67 U	1.2		2.6		<0.67 U	<0.67 U	<0.67 U
	Selenium, total	ug/L	Tier 1											
	Silver	ug/L	Tier 1		<0.034 U	<0.034 U	<0.034 U	<0.034 U		<0.034 U		<0.034 U	<0.034 U	<0.034 U
	Silver, total	ug/L	Tier 1											
	Sodium	ug/L	Tier 1		6400	6400	3900	6900		51000		3800	4100	1500
	Sodium, total	ug/L	Tier 1											
	Thallium	ug/L	Tier 1		<0.053 U	<0.053 U	<0.053 U	<0.053 U		<0.053 U		<0.053 U	<0.053 U	<0.053 U
	Thallium, total	ug/L	Tier 1											
	Total Hardness	ug/L	Tier 1											
	Vanadium	ug/L	Tier 1		4.8	4.9	1.8	1.2		**16**		1.2	0.97 B	1.1
	Vanadium, total	ug/L	Tier 1											
	Zinc	ug/L	Tier 1		9.1 B	13	57	5.4 B		8.5 B		<0.98 U	<0.98 U	5.4 B
	Zinc, total	ug/L	Tier 1											
	PCB's													
	Aroclor-1016	ug/L	Tier 1		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U		<0.25 U	<0.25 U	<0.23 U
	Aroclor-1221	ug/L	Tier 1		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U		<0.25 U	<0.25 U	<0.23 U
	Aroclor-1232	ug/L	Tier 1		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U		<0.25 U	<0.25 U	<0.23 U
	Aroclor-1242	ug/L	Tier 1		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U		<0.25 U	<0.25 U	<0.23 U
	Aroclor-1248	ug/L	Tier 1		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U		<0.25 U	<0.25 U	<0.23 U
	Aroclor-1254	ug/L	Tier 1		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U		<0.25 U	<0.25 U	<0.23 U
	Aroclor-1260	ug/L	Tier 1		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U		<0.25 U	<0.25 U	<0.23 U
	Total PCBs	ug/L	Tier 1		<0.23 U	<0.23 U	<0.23 U	<0.23 U		<0.25 U		<0.25 U	<0.25 U	<0.23 U
	Physical Property													
	Bicarbonate Alkalinity	mg/L	Tier 1		66	64	71	91		560		140	140	130
	Carbonate Alkalinity	mg/L	Tier 1		<1.7 U	<1.7 U	<1.7 U	<1.7 U		<1.7 U		<1.7 U	<1.7 U	<1.7 U
	Chloride	mg/L	Tier 1		5.0 B	5	3.4 B	4.6 B		36		2.9 B	2.9 B	2.7 B
	Cyanide, total	mg/L	Tier 1		<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U		<0.0094 U		<0.0094 U	<0.0094 U	<0.0094 U
	Fluoride	mg/L	Tier 1		<0.096 U	<0.096 U	<0.096 U	<0.096 U		<0.096 U		<0.096 U	<0.096 U	0.34 B
	Nitrogen, Ammonia	mg/L	Tier 1		1.8	1.8	0.62	1.3		22		0.84	0.89	0.46 B
	Nitrogen, Nitrate	mg/L	Tier 1		<0.088 U	<0.088 U	<0.088 U	<0.088 U		<0.088 U		<0.088 U	<0.088 U	<0.088 U
	Nitrogen, Nitrite	mg/L	Tier 1		<0.040 U	<0.040 U	<0.040 U	<0.040 U		<0.040 U		<0.040 U	<0.040 U	<0.040 U
	Sulfate	mg/L	Tier 1		750	750	150	850		<0.77 U		12	12	2.8 B
	Sulfide	mg/L	Tier 1		<2.5 U	<2.5 U	<2.5 U	<2.5 U		<2.5 U		<2.5 U	<2.5 U	<2.5 U
	Total Alkalinity	mg/L	Tier 1		66	64	71	91		560		140	140	130
	Total Hardness - Dissolved	mg/L	Tier 1		550	560	210	730		1000		50	140	120
11/02/06	**VOC**													
	1,1,1-Trichloroethane	ug/L	Tier 1		<0.90 U	<0.90 U	<0.90 U	<0.90 U		<0.90 U		<0.90 U	<0.90 U	<0.90 U
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1		<0.20 U	<0.20 U	<0.20 U	<0.20 U		<0.20 U		<0.20 U	<0.20 U	<0.20 U
	1,1,2-Trichloroethane	ug/L	Tier 1		<0.42 U	<0.42 U	<0.42 U	<0.42 U		<0.42 U		<0.42 U	<0.42 U	<0.42 U
	1,1-Dichloroethane	ug/L	Tier 1		<0.75 U	<0.75 U	<0.75 U	<0.75 U		<0.75 U		<0.75 U	<0.75 U	<0.75 U
	1,1-Dichloroethene	ug/L	Tier 1		<0.57 U	<0.57 U	<0.57 U	<0.57 U		<0.57 U		<0.57 U	<0.57 U	<0.57 U
	1,2-Dichloroethane	ug/L	Tier 1		<0.36 U	<0.36 U	<0.36 U	<0.36 U		<0.36 U		<0.36 U	<0.36 U	<0.36 U
	1,2-Dichloroethene, Total	ug/L	Tier 1		<1.4 U	<1.4 U	<1.4 U	<1.4 U		<1.4 U		<1.4 U	<1.4 U	<1.4 U
	1,2-Dichloropropane	ug/L	Tier 1		<0.46 U	<0.46 U	<0.46 U	<0.46 U		<0.46 U		<0.46 U	<0.46 U	<0.46 U
	2-Hexanone	ug/L	Tier 1		<1.1 U	<1.1 U	<1.1 U	<1.1 U		<1.1 U		<1.1 U	<1.1 U	<1.1 U
	4-Methyl-2-pentanone	ug/L	Tier 1		<1.2 U	<1.2 U	<1.2 U	<1.2 U		<1.2 U		<1.2 U	<1.2 U	<1.2 U
	Acetone	ug/L	Tier 1		<2.3 U	<2.3 U	<2.3 U	<2.3 U		<2.3 U		<2.3 U	<2.3 U	<2.3 U
	Benzene	ug/L	Tier 1		<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U		<0.41 U	<0.41 U	<0.41 U
	Bromodichloromethane	ug/L	Tier 1		<0.56 U	<0.56 U	<0.56 U	<0.56 U		<0.56 U		<0.56 U	<0.56 U	<0.56 U
	Bromoform	ug/L	Tier 1		<0.94 U	<0.94 U	<0.94 U	<0.94 U		<0.94 U		<0.94 U	<0.94 U	<0.94 U

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-11	MW-11	MW-12	MW-12	MW-604
				Field ID	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-11	Dup	MW-12	Dup	MW-604
	Bromomethane	ug/L	Tier 1		<0.91 U	<0.91 U	<0.91 U	<0.91 U		<0.91 U		<0.91 U	<0.91 U	<0.91 U
	Carbon Disulfide	ug/L	Tier 1		<0.66 U	<0.66 U	<0.66 U	<0.66 U		<0.66 U		<0.66 U	<0.66 U	<0.66 U
	Carbon Tetrachloride	ug/L	Tier 1		<0.49 U	<0.49 U	<0.49 U	<0.49 U		<0.49 U		<0.49 U	<0.49 U	<0.49 U
	Chlorobenzene	ug/L	Tier 1		<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U		<0.41 U	<0.41 U	<0.41 U
	Chlorodibromomethane	ug/L	Tier 1		<0.81 U	<0.81 U	<0.81 U	<0.81 U		<0.81 U		<0.81 U	<0.81 U	<0.81 U
	Chloroethane	ug/L	Tier 1		<0.97 U	<0.97 U	<0.97 U	<0.97 U		<0.97 U		<0.97 U	<0.97 U	<0.97 U
	Chloroform	ug/L	Tier 1		<0.37 U	<0.37 U	<0.37 U	<0.37 U		<0.37 U		<0.37 U	<0.37 U	<0.37 U
	Chloromethane	ug/L	Tier 1		<0.24 U	<0.24 U	<0.24 U	<0.24 U		<0.24 U		<0.24 U	<0.24 U	<0.24 U
	cis-1,3-Dichloropropene	ug/L	Tier 1		<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U		<0.19 U	<0.19 U	<0.19 U
	Ethylbenzene	ug/L	Tier 1		<0.54 U	<0.54 U	<0.54 U	<0.54 U		<0.54 U		<0.54 U	<0.54 U	<0.54 U
	Methel ethyl Ketone	ug/L	Tier 1		<4.3 U	<4.3 U	<4.3 U	<4.3 U		<4.3 U		<4.3 U	<4.3 U	<4.3 U
	Methylene Chloride	ug/L	Tier 1		<0.43 U	<0.43 U	<0.43 U	<0.43 U		<0.43 U		<0.43 U	<0.43 U	0.44 J
	Styrene	ug/L	Tier 1		<0.86 U	<0.86 U	<0.86 U	<0.86 U		<0.86 U		<0.86 U	<0.86 U	<0.86 U
	Tetrachloroethene	ug/L	Tier 1		<0.45 U	<0.45 U	<0.45 U	<0.45 U		<0.45 U		<0.45 U	<0.45 U	<0.45 U
	Toluene	ug/L	Tier 1		<0.67 U	<0.67 U	<0.67 U	<0.67 U		<0.67 U		<0.67 U	<0.67 U	<0.67 U
	trans-1,3-Dichloropropene	ug/L	Tier 1		<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U		<0.19 U	<0.19 U	<0.19 U
	Trichloroethene	ug/L	Tier 1		<0.48 U	<0.48 U	<0.48 U	<0.48 U		<0.48 U		<0.48 U	<0.48 U	<0.48 U
	Vinyl Chloride	ug/L	Tier 1		<0.18 U	<0.18 U	<0.18 U	<0.18 U		<0.18 U		<0.18 U	<0.18 U	<0.18 U
	Xylenes	ug/L	Tier 1		<2.6 U	<2.6 U	<2.6 U	<2.6 U		<2.6 U		<2.6 U	<2.6 U	<2.6 U
	PAH													
	Acenaphthene	ug/L	Tier 1		<0.0082 U	<0.0082 U	<0.0082 U	<0.0082 U		<0.0082 U		<0.0082 U	<0.0082 U	0.44
	Acenaphthylene	ug/L	Tier 1		<0.0081 U	<0.0081 U	<0.0081 U	<0.0081 U		<0.0081 U		<0.0081 U	<0.0081 U	0.011 J
	Anthracene	ug/L	Tier 1		<0.012 U	<0.012 U	<0.012 U	<0.012 U		<0.012 U		<0.012 U	<0.012 U	0.043 J
	Benzo (a) anthracene	ug/L	Tier 1		<0.016 U	<0.016 U	<0.016 U	<0.016 U		<0.016 U		<0.016 U	<0.016 U	<0.016 U
	Benzo (a) pyrene	ug/L	Tier 1		<0.018 U	<0.018 U	<0.018 U	<0.018 U		<0.018 U		<0.018 U	<0.018 U	<0.018 U
	Benzo (b) Fluoranthene	ug/L	Tier 1		<0.016 U	<0.016 U	<0.016 U	<0.016 U		<0.016 U		<0.016 U	<0.016 U	<0.016 U
	Benzo (g,h,i) perylene	ug/L	Tier 1		<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U		<0.019 U	<0.019 U	<0.019 U
	Benzo (k) Fluoranthene	ug/L	Tier 1		<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U		<0.019 U	<0.019 U	<0.019 U
	Chrysene	ug/L	Tier 1		<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U		<0.019 U	<0.019 U	<0.019 U
	Dibenzo (a,h) anthracene	ug/L	Tier 1		<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U		<0.019 U	<0.019 U	<0.019 U
	Fluoranthene	ug/L	Tier 1		<0.015 U	<0.015 U	<0.015 U	<0.015 U		<0.015 U		<0.015 U	<0.015 U	0.044 J
	Fluorene	ug/L	Tier 1		<0.0091 U	<0.0091 U	<0.0091 U	<0.0091 U		<0.0091 U		<0.0091 U	<0.0091 U	0.32
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1		<0.019 U	<0.019 U	<0.019 U	<0.019 U		<0.019 U		<0.019 U	<0.019 U	<0.019 U
	Napthalene	ug/L	Tier 1		<0.012 U	0.043 J	<0.012 U	<0.012 U		0.014 J		0.014 J	0.019 J	0.46
	Phenanthrene	ug/L	Tier 1		<0.011 U	0.030 J	<0.011 U	<0.011 U		<0.011 U		<0.011 U	<0.011 U	0.047 J
	Pyrene	ug/L	Tier 1		<0.015 U	<0.015 U	<0.015 U	<0.015 U		<0.015 U		<0.015 U	<0.015 U	0.020 J
3/5/07	**Field**													
	Depth to Water	ft	Tier 1		27.21		26.64	26.59		3.64		4.35		6.4
	Dissolved Oxygen	mg/L	Tier 1		<0.005		0.015	<0.005		NM		<0.05		<0.05
	GW Elevation	ft msl	Tier 1		1555.29		1554.76	1554.88		1590.62		1585.91		1589.16
	ORP	mV	Tier 1		-3		42	-68		-12		-103		-71
	pH	S.U.	Tier 1		5.5		6.2	6.4		6.1		7.1		6.8
	Specific Conductance	umhos/cm @25 degrees C	Tier 1		1497		417	1664		2352		309		276
	Temperature	Celcius	Tier 1		9.5		9.1	9.3		5.8		8.5		2.9
	Turbidity	NTU	Tier 1		NM		NM	NM		NM		NM		NM
	Metal													
	Aluminum	ug/L	Tier 1		27 B		13 B	<6.3 U	12 B	470	470	<6.3 U		8.4 B
	Aluminum, total	ug/L	Tier 1									11 B		
	Antimony	ug/L	Tier 1		<0.24 U		<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U		<0.24 U
	Antimony, total	ug/L	Tier 1									<0.24 U		
	Arsenic	ug/L	Tier 1		4.1		3.7	3.2	3.5	9.7	9.8	9.2		2.8
	Arsenic, total	ug/L	Tier 1									9.5		
	Barium	ug/L	Tier 1		57		65	42	44	**440**	**440**	30		39
	Barium, total	ug/L	Tier 1									31		
	Beryllium	ug/L	Tier 1		0.45 B		0.68 B	0.34 B	0.46 B	<0.10 U	<0.10 U	<0.10 U		<0.10 U
	Beryllium, total	ug/L	Tier 1									<0.10 U		
	Boron	ug/L	Tier 1		89		63	82	85	10 B	10 B	31		51
	Boron, total	ug/L	Tier 1									33		
	Cadmium	ug/L	Tier 1		0.26 B		<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.12 U		<0.12 U
	Cadmium, total	ug/L	Tier 1									<0.12 U		
	Calcium	ug/L	Tier 1		120000		40000	170000	170000	200000	250000	34000		27000
	Calcium, total	ug/L	Tier 1									34000		

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-11	MW-11	MW-12	MW-12	MW-604
				Field ID	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-11	Dup	MW-12	Dup	MW-604
	Chromium	ug/L	Tier 1		1.8		0.96 B	0.54 B	0.80 B	7.2	7.2	<0.32 U		0.44 B
	Chromium, total	ug/L	Tier 1									<0.32 U		
	Cobalt	ug/L	Tier 1		**110**		6.3	13	14	9.4	9.6	0.24 B		0.95 B
	Cobalt, total	ug/L	Tier 1									0.25 B		
	Copper	ug/L	Tier 1		<0.59 U		2	<0.59 U	<0.59 U	<0.59 U	<0.59 U	<0.59 U		<0.59 U
	Copper, total	ug/L	Tier 1									0.69 B		
	Iron	ug/L	Tier 1		150000		5900	130000	130000	260000	340000	8600		14000
	Iron, total	ug/L	Tier 1									9400		
	Lead	ug/L	Tier 1		0.24 B		2.6	0.15 B	0.29 B	<0.049 U	<0.049 U	0.10 B		<0.049 U
	Lead, total	ug/L	Tier 1									0.10 B		
	Lithium	ug/L	Tier 1		4.9		0.57	6.1	5.3	1.1	0.97	1.6		3.5
	Lithium, total	ug/L	Tier 1									1.9		
	Magnesium	ug/L	Tier 1		61000		18000	72000	73000	89000	110000	12000		12000
	Magnesium, total	ug/L	Tier 1									12000		
	Manganese	ug/L	Tier 1		**21000**		**6600**	**25000**	**25000**	**17000**	**21000**	890		**2300**
	Manganese, total	ug/L	Tier 1									940		
	Mercury - low level	ng/L	Tier 1									0.808		
	Mercury - Low Level - Dissolved	ng/L	Tier 1		0.507		0.603	0.698	0.651	1.07	1.04	0.708		0.496 B
	Molybdenum	ug/L	Tier 1		0.88 B		1.9 B	1.3 B	1.5 B	<0.61 U	<0.61 U	<0.61 U		1.4 B
	Molybdenum, total	ug/L	Tier 1									<0.61 U		
	Nickel	ug/L	Tier 1		**79**		12	1.7	2.1	2.4	2.3	0.63 B		0.70 B
	Nickel, total	ug/L	Tier 1									0.62 B		
	Potassium	ug/L	Tier 1		6900		3100	6700	7200	11000	10000	1700		2800
	Potassium, total	ug/L	Tier 1									1600		
	Selenium	ug/L	Tier 1		<0.67 U		<0.67 U	<0.67 U	0.80 B	1.2	1.4	<0.67 U		<0.67 U
	Selenium, total	ug/L	Tier 1									<0.67 U		
	Silver	ug/L	Tier 1		0.040 B		<0.034 U	<0.034 U	<0.034 U	<0.068 U	<0.068 U	<0.068 U		<0.034 U
	Silver, total	ug/L	Tier 1									<0.068 U		
	Sodium	ug/L	Tier 1		7100		3700	6500	6900	46000	56000	3900		1400
	Sodium, total	ug/L	Tier 1									3600		
	Thallium	ug/L	Tier 1		0.20 B		<0.053 U	<0.053 U	0.10 B	<0.053 U	<0.053 U	<0.053 U		<0.053 U
	Thallium, total	ug/L	Tier 1									<0.053 U		
	Total Hardness	ug/L	Tier 1									130000		
	Vanadium	ug/L	Tier 1		4.6		2.2	1.2	1.4	**14**	**15**	0.80 B		0.82 B
	Vanadium, total	ug/L	Tier 1									0.86 B		
	Zinc	ug/L	Tier 1		5.8 B		**180**	50	51	6.9 B	8.2 B	11		<0.98 U
	Zinc, total	ug/L	Tier 1									13		
3/5/07	**PCB's**													
	Aroclor-1016	ug/L	Tier 1							<0.13 U	<0.13 U			
	Aroclor-1221	ug/L	Tier 1							<0.13 U	<0.13 U			
	Aroclor-1232	ug/L	Tier 1							<0.13 U	<0.13 U			
	Aroclor-1242	ug/L	Tier 1							<0.13 U	<0.13 U			
	Aroclor-1248	ug/L	Tier 1							<0.13 U	<0.13 U			
	Aroclor-1254	ug/L	Tier 1							<0.13 U	<0.13 U			
	Aroclor-1260	ug/L	Tier 1							<0.13 U	<0.13 U			
	Total PCBs	ug/L	Tier 1							<0.13 U	<0.13 U			
	Physical Property													
	Bicarbonate Alkalinity	mg/L	Tier 1		57		70	90	95	470	470	150		130
	Carbonate Alkalinity	mg/L	Tier 1		<1.7 U		<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U	<1.7 U		<1.7 U
	Chloride	mg/L	Tier 1		5.3		3.1 B	4.5 B	4.5 B	40	40	3.6 B		2.7 B
	Cyanide, total	mg/L	Tier 1		<0.0094 U		<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U	<0.0094 U		<0.0094 U
	Fluoride	mg/L	Tier 1		0.18 B		0.17 B	0.17 B	0.17 B	<0.059 U	<0.059 U	0.19 B		0.42 B
	Nitrogen, Ammonia	mg/L	Tier 1		1.9		0.55 B	1.3	1.3	18	20	0.67 B		<0.50 U
	Nitrogen, Nitrate	mg/L	Tier 1		<0.085 U		<0.085 U	<0.085 U	<0.085 U	<0.085 U	<0.085 U	<0.085 U		<0.085 U
	Nitrogen, Nitrite	mg/L	Tier 1		<0.036 U		<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.036 U		<0.036 U
	Sulfate	mg/L	Tier 1		840		130	900	880	940	940	15		1.8 B
	Sulfide	mg/L	Tier 1		9		<2.5 U	3.4 B	13	4.0 B	<2.5 U	<2.5 U		<2.5 U
	Total Alkalinity	mg/L	Tier 1		57		70	90	95	470	470	150		130
	Total Hardness - Dissolved	mg/l	Tier 1		560		170	710	720	880	1100	140		120
	VOC													
	1,1,1-Trichloroethane	ug/L	Tier 1		<0.90 U		<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U	<0.90 U		<0.90 U

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-11	MW-11	MW-12	MW-12	MW-604
				Field ID	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-11	Dup	MW-12	Dup	MW-604
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1		<0.20 U		<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U	<0.20 U		<0.20 U
	1,1,2-Trichloroethane	ug/L	Tier 1		<0.42 U		<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U	<0.42 U		<0.42 U
	1,1-Dichloroethane	ug/L	Tier 1		<0.75 U		<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U	<0.75 U		<0.75 U
	1,1-Dichloroethene	ug/L	Tier 1		<0.57 U		<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U	<0.57 U		<0.57 U
	1,2-Dichloroethane	ug/L	Tier 1		<0.36 U		<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U	<0.36 U		<0.36 U
	1,2-Dichloroethene, Total	ug/L	Tier 1		<1.4 U		<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U	<1.4 U		<1.4 U
	1,2-Dichloropropane	ug/L	Tier 1		<0.46 U		<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U	<0.46 U		<0.46 U
	2-Hexanone	ug/L	Tier 1		<1.1 U		<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U	<1.1 U		<1.1 U
	4-Methyl-2-pentanone	ug/L	Tier 1		<1.2 U		<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U	<1.2 U		<1.2 U
	Acetone	ug/L	Tier 1		<2.3 U		<2.3 U	<2.3 U	<2.3 U	11	13	<2.3 U		<2.3 U
	Benzene	ug/L	Tier 1		<0.41 U		<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U
	Bromodichloromethane	ug/L	Tier 1		<0.56 U		<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U	<0.56 U		<0.56 U
	Bromoform	ug/L	Tier 1		<0.94 U		<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U	<0.94 U		<0.94 U
	Bromomethane	ug/L	Tier 1		<0.91 U		<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U	<0.91 U		<0.91 U
	Carbon Disulfide	ug/L	Tier 1		<0.66 U		<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U	<0.66 U		<0.66 U
	Carbon Tetrachloride	ug/L	Tier 1		<0.49 U		<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U	<0.49 U		<0.49 U
	Chlorobenzene	ug/L	Tier 1		<0.41 U		<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U	<0.41 U		<0.41 U
	Chlorodibromomethane	ug/L	Tier 1		<0.81 U		<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U	<0.81 U		<0.81 U
	Chloroethane	ug/L	Tier 1		<0.97 U		<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U	<0.97 U		<0.97 U
	Chloroform	ug/L	Tier 1		<0.37 U		<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U	<0.37 U		<0.37 U
	Chloromethane	ug/L	Tier 1		<0.24 U		<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U	<0.24 U		<0.24 U
	cis-1,3-Dichloropropene	ug/L	Tier 1		<0.19 U		<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U
	Ethylbenzene	ug/L	Tier 1		<0.54 U		<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U	<0.54 U		<0.54 U
	Methel ethyl Ketone	ug/L	Tier 1		<4.3 U		<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U	<4.3 U		<4.3 U
	Methylene Chloride	ug/L	Tier 1		<0.43 U		<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U	<0.43 U		<0.43 U
	Styrene	ug/L	Tier 1		<0.86 U		<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U	<0.86 U		<0.86 U
	Tetrachloroethene	ug/L	Tier 1		<0.45 U		<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U	<0.45 U		<0.45 U
	Toluene	ug/L	Tier 1		<0.67 U		<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U	<0.67 U		<0.67 U
	trans-1,3-Dichloropropene	ug/L	Tier 1		<0.19 U		<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U	<0.19 U		<0.19 U
	Trichloroethene	ug/L	Tier 1		<0.48 U		<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U	<0.48 U		<0.48 U
	Vinyl Chloride	ug/L	Tier 1		<0.18 U		<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U	<0.18 U		<0.18 U
	Xylenes	ug/L	Tier 1		<2.6 U		<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U	<2.6 U		<2.6 U
	PAH													
	Acenaphthene	ug/L	Tier 1							<0.0089 U	<0.0094 U			
	Acenaphthylene	ug/L	Tier 1							<0.0089 U	<0.0093 U			
	Anthracene	ug/L	Tier 1							<0.013 U	<0.013 U			
	Benzo (a) anthracene	ug/L	Tier 1							<0.017 U	<0.018 U			
	Benzo (a) pyrene	ug/L	Tier 1							<0.020 U	<0.021 U			
	Benzo (b) Fluoranthene	ug/L	Tier 1							<0.017 U	<0.018 U			
	Benzo (g,h,i) perylene	ug/L	Tier 1							<0.021 U	<0.022 U			
	Benzo (k) Fluoranthene	ug/L	Tier 1							<0.021 U	<0.022 U			
	Chrysene	ug/L	Tier 1							<0.021 U	<0.022 U			
	Dibenzo (a,h) anthracene	ug/L	Tier 1							<0.021 U	<0.022 U			
	Fluoranthene	ug/L	Tier 1							<0.017 U	<0.018 U			
	Fluorene	ug/L	Tier 1							<0.0099 U	0.012 J			
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1							<0.021 U	<0.022 U			
	Napthalene	ug/L	Tier 1							0.030 J	0.22			
	Phenanthrene	ug/L	Tier 1							<0.012 U	<0.013 U			
	Pyrene	ug/L	Tier 1							<0.016 U	<0.017 U			
5/9/07	**Field**													
	Depth to Water	ft	Tier 1		25.72		25.53	25.41		6.09		3.51		6.04
	GW Elevation	ft msl	Tier 1		1556.78		1555.87	1556.06		1588.17		1586.75		1589.52
6/5/07	**Field**													
	Depth to Water	ft	Tier 1		25.46		25.28	25.2		6.84		4.59		6.39
	Dissolved Oxygen	mg/L	Tier 1		<0.005		0.05	<0.005		3		2		<0.005
	GW Elevation	ft msl	Tier 1		1557.04		1556.12	1556.27		1587.42		1585.67		1589.17
	ORP	mV	Tier 1		-7		NM	NM		-41		-78		-64
	pH	S.U.	Tier 1		5.6		6.3	6.5		5.93		6.6		6.8
	Specific Conductance	umhos/cm @25 degrees C	Tier 1		1427		570	1734		1964		283.6		230
	Temperature	Celcius	Tier 1		10.7		10.3	10.87		26.7		13.3		12.8
	Metal													

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-11	MW-11	MW-12	MW-12	MW-604
				Field ID	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-11	Dup	MW-12	Dup	MW-604
	Aluminum	ug/L	Tier 1		1200		63	67		740		<4.4 U		66
	Antimony	ug/L	Tier 1		<0.10 U		<0.10 U	<0.10 U		0.28 B		<0.10 U		<0.10 U
	Arsenic	ug/L	Tier 1		5.5		3.9	3.5		9.1		9.1		2.1
	Barium	ug/L	Tier 1		63		78	42		**420**		30		34
	Beryllium	ug/L	Tier 1		0.26 B		0.080 B	<0.070 U		**5**		<0.070 U		<0.070 U
	Boron	ug/L	Tier 1		68		59	69		14		34		41
	Cadmium	ug/L	Tier 1		<0.097 U		<0.097 U	<0.097 U		<0.097 U		<0.097 U		<0.097 U
	Calcium	ug/L	Tier 1		140000		57000	190000		190000		36000		21000
	Chromium	ug/L	Tier 1		3.6		1.3	0.97 B		9.3		<0.43 U		<0.43 U
	Cobalt	ug/L	Tier 1		**130**		7.8	13		10		0.21 B		1.1
	Copper	ug/L	Tier 1		3.3		**14**	2.8		**640**		<0.12 U		1.4
	Iron	ug/L	Tier 1		190000		7700	170000		280000		10000		8200
	Lead	ug/L	Tier 1		0.58 B		0.52 B	2.1		**9**		<0.044 U		0.13 B
	Lithium	ug/L	Tier 1		4.6		0.4	5.2		4.3		1.2		3
	Magnesium	ug/L	Tier 1		70000		24000	75000		78000		13000		9100
	Manganese	ug/L	Tier 1		**23000**		**11000**	**28000**		**18000**		1000		**1600**
	Mercury - low level	ng/L	Tier 1				0.515	0.474 B		**3.22**		0.386 B		0.737
	Molybdenum	ug/L	Tier 1		<1.2 U		0.36 B	<0.12 U		0.45 B		<0.12 U		2.3 B
	Nickel	ug/L	Tier 1		**120**		13	1.2		2.4		0.12 B		1.4
	Potassium	ug/L	Tier 1		7400		3500	7100		12000		1700		2600
	Selenium	ug/L	Tier 1		0.70 B		0.27 B	0.29 B		1.2		<0.15 U		0.18 B
	Silver	ug/L	Tier 1		<0.11 U		<0.11 U	<0.11 U		0.15 B		<0.11 U		<0.11 U
	Sodium	ug/L	Tier 1		7300		3700	6400		46000		3800		4600
	Thallium	ug/L	Tier 1		<0.030 U		<0.030 U	<0.030 U		<0.030 U		<0.030 U		<0.030 U
	Total Hardness	ug/L	Tier 1		630000		240000	770000		810000		140000		90000
	Vanadium	ug/L	Tier 1		9.2		1.8	1.2		**14**		<0.41 U		<0.41 U
	Zinc	ug/L	Tier 1		7.4 B		25	14		**400**		<2.1 U		3.2 B
	Physical Property													
	Bicarbonate Alkalinity	mg/L	Tier 1		41		73	83		410		140		98
	Carbonate Alkalinity	mg/L	Tier 1		<3.2 U		<3.2 U	<3.2 U		<3.2 U		<3.2 U		<3.2 U
	Chloride	mg/L	Tier 1		4.4 B		3.5 B	4.9 B		41		3.3 B		3.2 B
	Cyanide, total	mg/L	Tier 1		<0.0060 U		<0.0060 U	<0.0060 U		<0.0060 U		<0.0060 U		<0.0060 U
	Fluoride	mg/L	Tier 1		0.14 B		0.21 B	0.19 B		<0.059 U		0.19 B		0.41 B
	Nitrogen, Ammonia	mg/L	Tier 1		2.1		0.51 B	1.3		19		0.61 B		<0.50 U
	Nitrogen, Nitrate	mg/L	Tier 1		<0.085 U		<0.085 U	<0.085 U		<0.085 U		<0.085 U		<0.085 U
	Nitrogen, Nitrite	mg/L	Tier 1		<0.036 U		<0.036 U	<0.036 U		<0.036 U		<0.036 U		<0.036 U
	Sulfate	mg/L	Tier 1		870		210	920		860		10		11
	Sulfide	mg/L	Tier 1		8.4		5.2	4.0 B		<2.3 U				
	Total Alkalinity	mg/L	Tier 1		41		73	83		410		140		98
	VOC													
	1,1,1-Trichloroethane	ug/L	Tier 1											
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1											
	1,1,2-Trichloroethane	ug/L	Tier 1											
	1,1-Dichloroethane	ug/L	Tier 1											
	1,1-Dichloroethene	ug/L	Tier 1											
	1,2-Dichloroethane	ug/L	Tier 1											
	1,2-Dichloroethene, Total	ug/L	Tier 1											
	1,2-Dichloropropane	ug/L	Tier 1											
	2-Hexanone	ug/L	Tier 1											
	4-Methyl-2-pentanone	ug/L	Tier 1											
	Acetone	ug/L	Tier 1											
	Benzene	ug/L	Tier 1											
	Bromodichloromethane	ug/L	Tier 1											
	Bromoform	ug/L	Tier 1											
	Bromomethane	ug/L	Tier 1											
	Carbon Disulfide	ug/L	Tier 1											
	Carbon Tetrachloride	ug/L	Tier 1											
	Chlorobenzene	ug/L	Tier 1											
	Chlorodibromomethane	ug/L	Tier 1											
	Chloroethane	ug/L	Tier 1											
	Chloroform	ug/L	Tier 1											
	Chloromethane	ug/L	Tier 1											

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	KMW-7	KMW-7	KMW-9	KMW-9P	KMW-9P	MW-11	MW-11	MW-12	MW-12	MW-604
				Field ID	KMW-7	Dup	KMW-9	KMW-9P	Dup	MW-11	Dup	MW-12	Dup	MW-604
	cis-1,3-Dichloropropene	ug/L	Tier 1											
	Ethylbenzene	ug/L	Tier 1											
	Methel ethyl Ketone	ug/L	Tier 1											
	Methylene Chloride	ug/L	Tier 1											
	Styrene	ug/L	Tier 1											
	Tetrachloroethene	ug/L	Tier 1											
	Toluene	ug/L	Tier 1											
	trans-1,3-Dichloropropene	ug/L	Tier 1											
	Trichloroethene	ug/L	Tier 1											
	Vinyl Chloride	ug/L	Tier 1											
	Xylenes	ug/L	Tier 1											
	Xylenes, m + p	ug/L	Tier 1											
	xylenes, o	ug/L	Tier 1											
	PAH													
	Acenaphthene	ug/L	Tier 1											
	Acenaphthylene	ug/L	Tier 1											
	Anthracene	ug/L	Tier 1											
	Benzo (a) anthracene	ug/L	Tier 1											
	Benzo (a) pyrene	ug/L	Tier 1											
	Benzo (b) Fluoranthene	ug/L	Tier 1											
	Benzo (g,h,i) perylene	ug/L	Tier 1											
	Benzo (k) Fluoranthene	ug/L	Tier 1											
	Chrysene	ug/L	Tier 1											
	Dibenzo (a,h) anthracene	ug/L	Tier 1											
	Fluoranthene	ug/L	Tier 1											
	Fluorene	ug/L	Tier 1											
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1											
	Napthalene	ug/L	Tier 1											
	Phenanthrene	ug/L	Tier 1											
	Pyrene	ug/L	Tier 1											

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	MW-604	MW-605	P-604	P-605	GSI Criteria	GSI Criteria Code
				Field ID	Dup	MW-605	P-604	P-605		
6/13/06	**Field**									
	Dissolved Oxygen	mg/L	Tier 1							
	GW Elevation	ft msl	Tier 1							
	ORP	mV	Tier 1							
	pH	S.U.	Tier 1							
	Specific Conductance	umhos/cm @25 degrees C	Tier 1							
	Temperature	Celcius	Tier 1							
6/22/06	**Metal**									
	Aluminum	ug/L	Tier 1							NA
	Aluminum, total	ug/L	Tier 1							NA
	Antimony	ug/L	Tier 1						**130**	X
	Antimony, total	ug/L	Tier 1						**130**	X
	Arsenic	ug/L	Tier 1						**150**	X
	Arsenic, total	ug/L	Tier 1						**150**	X
	Barium	ug/L	Tier 1						**210**	G,X
	Barium, total	ug/L	Tier 1						**210**	G,X
	Beryllium	ug/L	Tier 1						**0.41**	G
	Beryllium, total	ug/L	Tier 1						**0.41**	G
	Boron	ug/L	Tier 1						**1900**	
	Boron, total	ug/L	Tier 1						**1900**	
	Cadmium	ug/L	Tier 1						**1.3**	G,X
	Cadmium, total	ug/L	Tier 1						**1.3**	G,X
	Calcium	ug/L	Tier 1							
	Calcium, total	ug/L	Tier 1							
	Chromium	ug/L	Tier 1						**11**	
	Chromium, total	ug/L	Tier 1						**11**	
	Cobalt	ug/L	Tier 1						**100**	
	Cobalt, total	ug/L	Tier 1						**100**	
	Copper	ug/L	Tier 1						**5.0**	G
	Copper, total	ug/L	Tier 1						**5.0**	G
	Iron	ug/L	Tier 1							NA
	Iron, total	ug/L	Tier 1							NA
	Lead	ug/L	Tier 1						**4.8**	G,X
	Lead, total	ug/L	Tier 1						**4.8**	G,X
	Lithium	ug/L	Tier 1						**96**	
	Lithium, total	ug/L	Tier 1						**96**	
	Magnesium	ug/L	Tier 1							NA
	Magnesium, total	ug/L	Tier 1							NA
	Manganese	ug/L	Tier 1						**1050**	G,X
	Manganese, total	ug/L	Tier 1						**1050**	G,X
	Mercury	ug/L	Tier 1						**0.0013**	
	Mercury, total	ug/L	Tier 1						**0.0013**	
	Molybdenum	ug/L	Tier 1						**800**	X
	Molybdenum, total	ug/L	Tier 1						**800**	X
	Nickel	ug/L	Tier 1						**28.9**	G
	Nickel, total	ug/L	Tier 1						**28.9**	G
	Potassium	ug/L	Tier 1							
	Potassium, total	ug/L	Tier 1							
	Selenium	ug/L	Tier 1						**5**	
	Selenium, total	ug/L	Tier 1						**5**	
	Silver	ug/L	Tier 1						**0.2**	M
	Silver, total	ug/L	Tier 1						**0.2**	M
	Sodium	ug/L	Tier 1							NA
	Sodium, total	ug/L	Tier 1							NA
	Zinc	ug/L	Tier 1						**66**	G
	Zinc, total	ug/L	Tier 1						**66**	G
Physical Property										
	Bicarbonate Alkalinity	mg/L	Tier 1							
	Carbonate Alkalinity	mg/L	Tier 1							
	Chloride	mg/L	Tier 1							FF
	Cyanide, total	mg/L	Tier 1						**0.0052**	
	Fluoride	mg/L	Tier 1							

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	MW-604	MW-605	P-604	P-605	GSI Criteria	GSI Criteria Code
				Field ID	Dup	MW-605	P-604	P-605		
	Nitrogen, Nitrate	mg/L	Tier 1							NA
	Sulfate	mg/L	Tier 1							NA
	Benzene	ug/L	Tier 1						**200**	X
	Ethylbenzene	ug/L	Tier 1						**18**	
	Toluene	ug/L	Tier 1						**140**	
	Xylenes, m + p	ug/L	Tier 1						**35**	
	xylenes, o	ug/L	Tier 1						**35**	
	PAH									
	Acenaphthene	ug/L	Tier 1						**19**	
	Acenaphthylene	ug/L	Tier 1							ID
	Anthracene	ug/L	Tier 1							ID
	Benzo (a) anthracene	ug/L	Tier 1							ID
	Benzo (a) pyrene	ug/L	Tier 1							ID
	Benzo (b) Fluoranthene	ug/L	Tier 1							ID
	Benzo (g,h,i) perylene	ug/L	Tier 1							NA
	Benzo (k) Fluoranthene	ug/L	Tier 1							NA
	Chrysene	ug/L	Tier 1							ID
	Dibenzo (a,h) anthracene	ug/L	Tier 1							ID
	Fluoranthene	ug/L	Tier 1						**1.6**	
	Fluorene	ug/L	Tier 1						**12**	
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1							ID
	Napthalene	ug/L	Tier 1						**13**	
	Phenanthrene	ug/L	Tier 1						**2.4**	
	Pyrene	ug/L	Tier 1							ID
11/2/06	**Field**									
	Depth to Water	ft	Tier 1			7.59	7.53	7.49		
	Dissolved Oxygen	mg/L	Tier 1			0.2	0.1	<0.05		
	GW Elevation	ft msl	Tier 1			1589.09	1587.89	1589.11		
	ORP	mV	Tier 1			34	12	-75		
	pH	S.U.	Tier 1			7	6.8	7.3		
	Specific Conductance	umhos/cm @25 degrees C	Tier 1			217	227	249		
	Temperature	Celcius	Tier 1			12	10	8.9		
	Turbidity	NTU	Tier 1			10	4	15		
	Metal									
	Aluminum	ug/L	Tier 1			11 B	11 B	13 B		NA
	Aluminum, total	ug/L	Tier 1							NA
	Antimony	ug/L	Tier 1			<0.24 U	<0.24 U	<0.24 U	**130**	X
	Antimony, total	ug/L	Tier 1						**130**	X
	Arsenic	ug/L	Tier 1			1.1	1.4	6.9	**150**	X
	Arsenic, total	ug/L	Tier 1						**150**	X
	Barium	ug/L	Tier 1			29	26	34	**210**	G,X
	Barium, total	ug/L	Tier 1						**210**	G,X
	Beryllium	ug/L	Tier 1			<0.10 U	<0.10 U	<0.10 U	**0.41**	G
	Beryllium, total	ug/L	Tier 1						**0.41**	G
	Boron	ug/L	Tier 1			50	27	52	**1900**	
	Boron, total	ug/L	Tier 1						**1900**	
	Cadmium	ug/L	Tier 1			<0.14 U	<0.14 U	<0.14 U	**1.3**	G,X
	Cadmium, total	ug/L	Tier 1						**1.3**	G,X
	Calcium	ug/L	Tier 1			20000	28000	24000		
	Calcium, total	ug/L	Tier 1							
	Chromium	ug/L	Tier 1			0.44 B	<0.32 U	<0.32 U	**11**	
	Chromium, total	ug/L	Tier 1						**11**	
	Cobalt	ug/L	Tier 1			2.2	3.4	0.45 B	**100**	
	Cobalt, total	ug/L	Tier 1						**100**	
	Copper	ug/L	Tier 1			0.97 B	<0.15 U	<0.15 U	**5.0**	G
	Copper, total	ug/L	Tier 1						**5.0**	G
	Iron	ug/L	Tier 1			100	1000	4800		NA
	Iron, total	ug/L	Tier 1							NA
	Lead	ug/L	Tier 1			0.22 B	0.1 B	<0.049 U	**4.8**	G,X
	Lead, total	ug/L	Tier 1						**4.8**	G,X
	Lithium	ug/L	Tier 1			2.3	0.61	2.3	**96**	
	Lithium, total	ug/L	Tier 1						**96**	

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	MW-604	MW-605	P-604	P-605	GSI Criteria	GSI Criteria Code
				Field ID	Dup	MW-605	P-604	P-605		
	Magnesium	ug/L	Tier 1			11000	10000	12000		NA
	Magnesium, total	ug/L	Tier 1							NA
	Manganese	ug/L	Tier 1			**4900**	390	**3500**	**1050**	G,X
	Manganese, total	ug/L	Tier 1						**1050**	G,X
	Mercury - low level	ng/L	Tier 1						**1.3**	
	Mercury - Low Level - Dissolved	ng/L	Tier 1			0.43 B	0.43 B	0.31 B	**1.3**	
	Molybdenum	ug/L	Tier 1			4.7 B	3.9 B	5.5 B	**800**	X
	Molybdenum, total	ug/L	Tier 1						**800**	X
	Nickel	ug/L	Tier 1			6.1	0.85 B	1.7	**28.9**	G
	Nickel, total	ug/L	Tier 1						**28.9**	G
	Potassium	ug/L	Tier 1			4300	3200	4800		
	Potassium, total	ug/L	Tier 1							
	Selenium	ug/L	Tier 1			<0.67 U	<0.67 U	<0.67 U	**5**	
	Selenium, total	ug/L	Tier 1						**5**	
	Silver	ug/L	Tier 1			<0.034 U	<0.034 U	<0.034 U	**0.2**	M
	Silver, total	ug/L	Tier 1						**0.2**	M
	Sodium	ug/L	Tier 1			970	2200	1400		NA
	Sodium, total	ug/L	Tier 1							NA
	Thallium	ug/L	Tier 1			<0.053 U	<0.053 U	<0.053 U	**3.7**	X
	Thallium, total	ug/L	Tier 1						**3.7**	X
	Total Hardness	ug/L	Tier 1							
	Vanadium	ug/L	Tier 1			0.67 B	0.61 B	0.89 B	**12**	
	Vanadium, total	ug/L	Tier 1						**12**	
	Zinc	ug/L	Tier 1			5.4 B	4.8 B	3.7 B	**66**	G
	Zinc, total	ug/L	Tier 1						**66**	G
	PCB's									
	Aroclor-1016	ug/L	Tier 1			<0.23 U	<0.23 U	<0.23 U		
	Aroclor-1221	ug/L	Tier 1			<0.23 U	<0.23 U	<0.23 U		
	Aroclor-1232	ug/L	Tier 1			<0.23 U	<0.23 U	<0.23 U		
	Aroclor-1242	ug/L	Tier 1			<0.23 U	<0.23 U	<0.23 U		
	Aroclor-1248	ug/L	Tier 1			<0.23 U	<0.23 U	<0.23 U		
	Aroclor-1254	ug/L	Tier 1			<0.23 U	<0.23 U	<0.23 U		
	Aroclor-1260	ug/L	Tier 1			<0.23 U	<0.23 U	<0.23 U		
	Total PCBs	ug/L	Tier 1			<0.23 U	<0.23 U	<0.23 U	**0.2**	M
	Physical Property									
	Bicarbonate Alkalinity	mg/L	Tier 1			100	110	110		
	Carbonate Alkalinity	mg/L	Tier 1			<1.7 U	<1.7 U	<1.7 U		
	Chloride	mg/L	Tier 1			2.5 B	2.6 B	2.7 B		FF
	Cyanide, total	mg/L	Tier 1			<0.0094 U	<0.0094 U	<0.0094 U	**0.0052**	
	Fluoride	mg/L	Tier 1			0.42 B	0.33 B	0.49 B		
	Nitrogen, Ammonia	mg/L	Tier 1			0.34 B	<0.20 U	0.32 B		CC
	Nitrogen, Nitrate	mg/L	Tier 1			<0.088 U	<0.088 U	<0.088 U		NA
	Nitrogen, Nitrite	mg/L	Tier 1			<0.040 U	<0.040 U	<0.040 U		NA
	Sulfate	mg/L	Tier 1			11	9.6	9.1		NA
	Sulfide	mg/L	Tier 1			<2.5 U	<2.5 U	<2.5 U		
	Total Alkalinity	mg/L	Tier 1			100	110	110		
	Total Hardness - Dissolved	mg/L	Tier 1			96	110	110		
11/02/06	**VOC**									
	1,1,1-Trichloroethane	ug/L	Tier 1			<0.90 U	<0.90 U	<0.90 U	**200**	
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1			<0.20 U	<0.20 U	<0.20 U	**78**	X
	1,1,2-Trichloroethane	ug/L	Tier 1			<0.42 U	<0.42 U	<0.42 U	**330**	X
	1,1-Dichloroethane	ug/L	Tier 1			<0.75 U	<0.75 U	<0.75 U	**740**	
	1,1-Dichloroethene	ug/L	Tier 1			<0.57 U	<0.57 U	<0.57 U	**65**	X
	1,2-Dichloroethane	ug/L	Tier 1			<0.36 U	<0.36 U	<0.36 U	**360**	X
	1,2-Dichloroethene, Total	ug/L	Tier 1			<1.4 U	<1.4 U	<1.4 U		
	1,2-Dichloropropane	ug/L	Tier 1			<0.46 U	<0.46 U	<0.46 U	**290**	X
	2-Hexanone	ug/L	Tier 1			<1.1 U	<1.1 U	<1.1 U		NA
	4-Methyl-2-pentanone	ug/L	Tier 1			<1.2 U	<1.2 U	<1.2 U		ID
	Acetone	ug/L	Tier 1			<2.3 U	<2.3 U	<2.3 U	**1700**	
	Benzene	ug/L	Tier 1			<0.41 U	<0.41 U	<0.41 U	**200**	X
	Bromodichloromethane	ug/L	Tier 1			<0.56 U	<0.56 U	<0.56 U		ID
	Bromoform	ug/L	Tier 1			<0.94 U	<0.94 U	<0.94 U		ID

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	MW-604	MW-605	P-604	P-605	GSI Criteria	GSI Criteria Code
				Field ID	Dup	MW-605	P-604	P-605		
	Bromomethane	ug/L	Tier 1			<0.91 U	<0.91 U	<0.91 U	**35**	
	Carbon Disulfide	ug/L	Tier 1			<0.66 U	<0.66 U	<0.66 U		ID
	Carbon Tetrachloride	ug/L	Tier 1			<0.49 U	<0.49 U	<0.49 U	**45**	X
	Chlorobenzene	ug/L	Tier 1			<0.41 U	<0.41 U	<0.41 U	**47**	
	Chlorodibromomethane	ug/L	Tier 1			<0.81 U	<0.81 U	<0.81 U		ID
	Chloroethane	ug/L	Tier 1			<0.97 U	<0.97 U	<0.97 U		ID
	Chloroform	ug/L	Tier 1			<0.37 U	<0.37 U	<0.37 U	**170**	X
	Chloromethane	ug/L	Tier 1			<0.24 U	<0.24 U	<0.24 U		ID
	cis-1,3-Dichloropropene	ug/L	Tier 1			<0.19 U	<0.19 U	<0.19 U		NA
	Ethylbenzene	ug/L	Tier 1			<0.54 U	<0.54 U	<0.54 U	**18**	
	Methel ethyl Ketone	ug/L	Tier 1			<4.3 U	<4.3 U	<4.3 U	**2200**	
	Methylene Chloride	ug/L	Tier 1			<0.43 U	<0.43 U	<0.43 U	**940**	X
	Styrene	ug/L	Tier 1			<0.86 U	<0.86 U	<0.86 U	**80**	
	Tetrachloroethene	ug/L	Tier 1			<0.45 U	<0.45 U	<0.45 U	**45**	X
	Toluene	ug/L	Tier 1			<0.67 U	<0.67 U	<0.67 U	**140**	
	trans-1,3-Dichloropropene	ug/L	Tier 1			<0.19 U	<0.19 U	<0.19 U		NA
	Trichloroethene	ug/L	Tier 1			<0.48 U	<0.48 U	<0.48 U	**200**	X
	Vinyl Chloride	ug/L	Tier 1			<0.18 U	<0.18 U	<0.18 U	**15**	
	Xylenes	ug/L	Tier 1			<2.6 U	<2.6 U	<2.6 U	**35**	
	PAH									
	Acenaphthene	ug/L	Tier 1			<0.0082 U	<0.0082 U	0.031 J	**19**	
	Acenaphthylene	ug/L	Tier 1			<0.0081 U	<0.0081 U	0.010 J		ID
	Anthracene	ug/L	Tier 1			<0.012 U	<0.012 U	0.018 J		ID
	Benzo (a) anthracene	ug/L	Tier 1			<0.016 U	<0.016 U	<0.016 U		ID
	Benzo (a) pyrene	ug/L	Tier 1			<0.018 U	<0.018 U	<0.018 U		ID
	Benzo (b) Fluoranthene	ug/L	Tier 1			<0.016 U	<0.016 U	<0.016 U		ID
	Benzo (g,h,i) perylene	ug/L	Tier 1			<0.019 U	<0.019 U	<0.019 U		NA
	Benzo (k) Fluoranthene	ug/L	Tier 1			<0.019 U	<0.019 U	<0.019 U		NA
	Chrysene	ug/L	Tier 1			<0.019 U	<0.019 U	<0.019 U		ID
	Dibenzo (a,h) anthracene	ug/L	Tier 1			<0.019 U	<0.019 U	<0.019 U		ID
	Fluoranthene	ug/L	Tier 1			<0.015 U	<0.015 U	<0.015 U	**1.6**	
	Fluorene	ug/L	Tier 1			<0.0091 U	<0.0091 U	0.068	**12**	
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1			<0.019 U	<0.019 U	<0.019 U		ID
	Napthalene	ug/L	Tier 1			<0.012 U	<0.012 U	0.028 J	**13**	
	Phenanthrene	ug/L	Tier 1			<0.011 U	<0.011 U	0.15	**2.4**	
	Pyrene	ug/L	Tier 1			<0.015 U	<0.015 U	<0.015 U		ID
3/5/07	**Field**									
	Depth to Water	ft	Tier 1			6.72	6.76	6.63		
	Dissolved Oxygen	mg/L	Tier 1			0.1	0.1	<0.05		
	GW Elevation	ft msl	Tier 1			1589.96	1588.66	1589.97		
	ORP	mV	Tier 1			-43	-18	-93		
	pH	S.U.	Tier 1			6.9	6.6	7.1		
	Specific Conductance	umhos/cm @25 degrees C	Tier 1			219	228	239		
	Temperature	Celcius	Tier 1			6.8	6.4	8.4		
	Turbidity	NTU	Tier 1			NM	NM	NM		
	Metal									
	Aluminum	ug/L	Tier 1			<6.3 U	<6.3 U	<6.3 U		NA
	Aluminum, total	ug/L	Tier 1							NA
	Antimony	ug/L	Tier 1			<0.24 U	<0.24 U	<0.24 U	**130**	X
	Antimony, total	ug/L	Tier 1						**130**	X
	Arsenic	ug/L	Tier 1			1.6	0.88 B	6.6	**150**	X
	Arsenic, total	ug/L	Tier 1						**150**	X
	Barium	ug/L	Tier 1			33	12	31	**210**	G,X
	Barium, total	ug/L	Tier 1						**210**	G,X
	Beryllium	ug/L	Tier 1			<0.10 U	<0.10 U	<0.10 U	**0.41**	G
	Beryllium, total	ug/L	Tier 1						**0.41**	G
	Boron	ug/L	Tier 1			44	21	49	**1900**	
	Boron, total	ug/L	Tier 1						**1900**	
	Cadmium	ug/L	Tier 1			<0.12 U	<0.12 U	<0.12 U	**1.3**	G,X
	Cadmium, total	ug/L	Tier 1						**1.3**	G,X
	Calcium	ug/L	Tier 1			20000	27000	23000		
	Calcium, total	ug/L	Tier 1							

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	MW-604	MW-605	P-604	P-605	GSI Criteria	GSI Criteria Code
				Field ID	Dup	MW-605	P-604	P-605		
	Chromium	ug/L	Tier 1			<0.32 U	<0.32 U	<0.32 U	**11**	
	Chromium, total	ug/L	Tier 1						**11**	
	Cobalt	ug/L	Tier 1			1.9	1.8	0.39 B	**100**	
	Cobalt, total	ug/L	Tier 1						**100**	
	Copper	ug/L	Tier 1			<0.59 U	<0.59 U	<0.59 U	**5.0**	G
	Copper, total	ug/L	Tier 1						**5.0**	G
	Iron	ug/L	Tier 1			990	1600	4700		NA
	Iron, total	ug/L	Tier 1							NA
	Lead	ug/L	Tier 1			<0.049 U	0.10 B	<0.049 U	**4.8**	G,X
	Lead, total	ug/L	Tier 1						**4.8**	G,X
	Lithium	ug/L	Tier 1			2.6	0.52	2.5	**96**	
	Lithium, total	ug/L	Tier 1						**96**	
	Magnesium	ug/L	Tier 1			11000	11000	12000		NA
	Magnesium, total	ug/L	Tier 1							NA
	Manganese	ug/L	Tier 1			**4400**	80	**3300**	**1050**	G,X
	Manganese, total	ug/L	Tier 1						**1050**	G,X
	Mercury - low level	ng/L	Tier 1						**1.3**	
	Mercury - Low Level - Dissolved	ng/L	Tier 1			0.72	**1.63**	0.474 B	**1.3**	
	Molybdenum	ug/L	Tier 1			3.8 B	1.3 B	4.2 B	**800**	X
	Molybdenum, total	ug/L	Tier 1						**800**	X
	Nickel	ug/L	Tier 1			4.2	1.2	0.67 B	**28.9**	G
	Nickel, total	ug/L	Tier 1						**28.9**	G
	Potassium	ug/L	Tier 1			4000	2100	4700		
	Potassium, total	ug/L	Tier 1							
	Selenium	ug/L	Tier 1			<0.67 U	<0.67 U	<0.67 U	**5**	
	Selenium, total	ug/L	Tier 1						**5**	
	Silver	ug/L	Tier 1			<0.034 U	<0.034 U	<0.034 U	**0.2**	M
	Silver, total	ug/L	Tier 1						**0.2**	M
	Sodium	ug/L	Tier 1			960	2100	1200		NA
	Sodium, total	ug/L	Tier 1							NA
	Thallium	ug/L	Tier 1			<0.053 U	<0.053 U	<0.053 U	**3.7**	X
	Thallium, total	ug/L	Tier 1						**3.7**	X
	Total Hardness	ug/L	Tier 1							
	Vanadium	ug/L	Tier 1			0.42 B	0.39 B	0.69 B	**12**	
	Vanadium, total	ug/L	Tier 1						**12**	
	Zinc	ug/L	Tier 1			<0.98 U	<0.98 U	<0.98 U	**66**	G
	Zinc, total	ug/L	Tier 1						**66**	G
3/5/07	**PCB's**									
	Aroclor-1016	ug/L	Tier 1							
	Aroclor-1221	ug/L	Tier 1							
	Aroclor-1232	ug/L	Tier 1							
	Aroclor-1242	ug/L	Tier 1							
	Aroclor-1248	ug/L	Tier 1							
	Aroclor-1254	ug/L	Tier 1							
	Aroclor-1260	ug/L	Tier 1							
	Total PCBs	ug/L	Tier 1						**0.2**	M
	Physical Property									
	Bicarbonate Alkalinity	mg/L	Tier 1			110	110	110		
	Carbonate Alkalinity	mg/L	Tier 1			<1.7 U	<1.7 U	<1.7 U		
	Chloride	mg/L	Tier 1			2.6 B	2.6 B	2.6 B		FF
	Cyanide, total	mg/L	Tier 1			<0.0094 U	<0.0094 U	<0.0094 U	**0.0052**	
	Fluoride	mg/L	Tier 1			0.42 B	0.23 B	0.45 B		
	Nitrogen, Ammonia	mg/L	Tier 1			<0.50 U	<0.50 U	<0.50 U		CC
	Nitrogen, Nitrate	mg/L	Tier 1			<0.085 U	<0.085 U	<0.085 U		NA
	Nitrogen, Nitrite	mg/L	Tier 1			<0.036 U	<0.036 U	<0.036 U		NA
	Sulfate	mg/L	Tier 1			11	8.4	8.8		NA
	Sulfide	mg/L	Tier 1			<2.5 U	<2.5 U	<2.5 U		
	Total Alkalinity	mg/L	Tier 1			110	110	110		
	Total Hardness - Dissolved	mg/l	Tier 1			95	110	110		
	VOC									
	1,1,1-Trichloroethane	ug/L	Tier 1			<0.90 U	<0.90 U	<0.90 U	**200**	

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	MW-604	MW-605	P-604	P-605	GSI Criteria	GSI Criteria Code
				Field ID	Dup	MW-605	P-604	P-605		
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1			<0.20 U	<0.20 U	<0.20 U	**78**	X
	1,1,2-Trichloroethane	ug/L	Tier 1			<0.42 U	<0.42 U	<0.42 U	**330**	X
	1,1-Dichloroethane	ug/L	Tier 1			<0.75 U	<0.75 U	<0.75 U	**740**	
	1,1-Dichloroethene	ug/L	Tier 1			<0.57 U	<0.57 U	<0.57 U	**65**	X
	1,2-Dichloroethane	ug/L	Tier 1			<0.36 U	<0.36 U	<0.36 U	**360**	X
	1,2-Dichloroethene, Total	ug/L	Tier 1			<1.4 U	<1.4 U	<1.4 U		
	1,2-Dichloropropane	ug/L	Tier 1			<0.46 U	<0.46 U	<0.46 U	**290**	X
	2-Hexanone	ug/L	Tier 1			<1.1 U	<1.1 U	<1.1 U		NA
	4-Methyl-2-pentanone	ug/L	Tier 1			<1.2 U	<1.2 U	<1.2 U		ID
	Acetone	ug/L	Tier 1			<2.3 U	<2.3 U	<2.3 U	**1700**	
	Benzene	ug/L	Tier 1			<0.41 U	<0.41 U	<0.41 U	**200**	X
	Bromodichloromethane	ug/L	Tier 1			<0.56 U	<0.56 U	<0.56 U		ID
	Bromoform	ug/L	Tier 1			<0.94 U	<0.94 U	<0.94 U		ID
	Bromomethane	ug/L	Tier 1			<0.91 U	<0.91 U	<0.91 U	**35**	
	Carbon Disulfide	ug/L	Tier 1			<0.66 U	<0.66 U	<0.66 U		ID
	Carbon Tetrachloride	ug/L	Tier 1			<0.49 U	<0.49 U	<0.49 U	**45**	X
	Chlorobenzene	ug/L	Tier 1			<0.41 U	<0.41 U	<0.41 U	**47**	
	Chlorodibromomethane	ug/L	Tier 1			<0.81 U	<0.81 U	<0.81 U		ID
	Chloroethane	ug/L	Tier 1			<0.97 U	<0.97 U	<0.97 U		ID
	Chloroform	ug/L	Tier 1			<0.37 U	<0.37 U	<0.37 U	**170**	X
	Chloromethane	ug/L	Tier 1			<0.24 U	<0.24 U	<0.24 U		ID
	cis-1,3-Dichloropropene	ug/L	Tier 1			<0.19 U	<0.19 U	<0.19 U		NA
	Ethylbenzene	ug/L	Tier 1			<0.54 U	<0.54 U	<0.54 U	**18**	
	Methel ethyl Ketone	ug/L	Tier 1			<4.3 U	<4.3 U	<4.3 U	**2200**	
	Methylene Chloride	ug/L	Tier 1			<0.43 U	<0.43 U	<0.43 U	**940**	X
	Styrene	ug/L	Tier 1			<0.86 U	<0.86 U	<0.86 U	**80**	
	Tetrachloroethene	ug/L	Tier 1			<0.45 U	<0.45 U	<0.45 U	**45**	X
	Toluene	ug/L	Tier 1			<0.67 U	<0.67 U	<0.67 U	**140**	
	trans-1,3-Dichloropropene	ug/L	Tier 1			<0.19 U	<0.19 U	<0.19 U		NA
	Trichloroethene	ug/L	Tier 1			<0.48 U	<0.48 U	<0.48 U	**200**	X
	Vinyl Chloride	ug/L	Tier 1			<0.18 U	<0.18 U	<0.18 U	**15**	
	Xylenes	ug/L	Tier 1			<2.6 U	<2.6 U	<2.6 U	**35**	
	PAH									
	Acenaphthene	ug/L	Tier 1						**19**	
	Acenaphthylene	ug/L	Tier 1							ID
	Anthracene	ug/L	Tier 1							ID
	Benzo (a) anthracene	ug/L	Tier 1							ID
	Benzo (a) pyrene	ug/L	Tier 1							ID
	Benzo (b) Fluoranthene	ug/L	Tier 1							ID
	Benzo (g,h,i) perylene	ug/L	Tier 1							NA
	Benzo (k) Fluoranthene	ug/L	Tier 1							NA
	Chrysene	ug/L	Tier 1							ID
	Dibenzo (a,h) anthracene	ug/L	Tier 1							ID
	Fluoranthene	ug/L	Tier 1						**1.6**	
	Fluorene	ug/L	Tier 1						**12**	
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1							ID
	Napthalene	ug/L	Tier 1						**13**	
	Phenanthrene	ug/L	Tier 1						**2.4**	
	Pyrene	ug/L	Tier 1							ID
5/9/07	**Field**									
	Depth to Water	ft	Tier 1			6.21	6.39	6.11		
	GW Elevation	ft msl	Tier 1			1590.47	1589.03	1590.49		
6/5/07	**Field**									
	Depth to Water	ft	Tier 1			6.68	6.82	6.57		
	Dissolved Oxygen	mg/L	Tier 1				2			
	GW Elevation	ft msl	Tier 1			1590	1588.6	1590.03		
	ORP	mV	Tier 1				NM			
	pH	S.U.	Tier 1				6.7			
	Specific Conductance	umhos/cm @25 degrees C	Tier 1				185			
	Temperature	Celcius	Tier 1				11.46			
	Metal									

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	MW-604	MW-605	P-604	P-605	GSI Criteria	GSI Criteria Code
				Field ID	Dup	MW-605	P-604	P-605		
	Aluminum	ug/L	Tier 1		50 B		630			NA
	Antimony	ug/L	Tier 1		<0.10 U		0.11 B		**130**	X
	Arsenic	ug/L	Tier 1		2.1		0.74 B		**150**	X
	Barium	ug/L	Tier 1		34		16		**210**	G,X
	Beryllium	ug/L	Tier 1		<0.070 U		0.65 B		**0.41**	G
	Boron	ug/L	Tier 1		42		24		**1900**	
	Cadmium	ug/L	Tier 1		<0.097 U		<0.097 U		**1.3**	G,X
	Calcium	ug/L	Tier 1		21000		22000			
	Chromium	ug/L	Tier 1		<0.43 U		2.1		**11**	
	Cobalt	ug/L	Tier 1		1.1		2.3		**100**	
	Copper	ug/L	Tier 1		1.2		**200**		**5.0**	G
	Iron	ug/L	Tier 1		8800		1400			NA
	Lead	ug/L	Tier 1		0.17 B		**6.3**		**4.8**	G,X
	Lithium	ug/L	Tier 1		3		1.2		**96**	
	Magnesium	ug/L	Tier 1		9100		8700			NA
	Manganese	ug/L	Tier 1		**1600**		37		**1050**	G,X
	Mercury - low level	ng/L	Tier 1		0.725		**3.27**		**1.3**	
	Molybdenum	ug/L	Tier 1		2.2 B		8.9 B		**800**	X
	Nickel	ug/L	Tier 1		1.3		3.9		**28.9**	G
	Potassium	ug/L	Tier 1		2500		2600			
	Selenium	ug/L	Tier 1		0.16 B		0.27 B		**5**	
	Silver	ug/L	Tier 1		<0.11 U		<0.11 U		**0.2**	M
	Sodium	ug/L	Tier 1		4600		1800			NA
	Thallium	ug/L	Tier 1		<0.030 U		<0.030 U		**3.7**	X
	Total Hardness	ug/L	Tier 1		91000		91000			
	Vanadium	ug/L	Tier 1		<0.41 U		2.4		**12**	
	Zinc	ug/L	Tier 1		3.5 B		**72**		**66**	G
Physical Property										
	Bicarbonate Alkalinity	mg/L	Tier 1		96		83			
	Carbonate Alkalinity	mg/L	Tier 1		<3.2 U		<3.2 U			
	Chloride	mg/L	Tier 1		3.2 B		3.2 B			FF
	Cyanide, total	mg/L	Tier 1		<0.0060 U		<0.0060 U		**0.0052**	
	Fluoride	mg/L	Tier 1		0.41 B		0.26 B			
	Nitrogen, Ammonia	mg/L	Tier 1		<0.50 U		<0.50 U			CC
	Nitrogen, Nitrate	mg/L	Tier 1		<0.085 U		<0.085 U			NA
	Nitrogen, Nitrite	mg/L	Tier 1		<0.036 U		<0.036 U			NA
	Sulfate	mg/L	Tier 1		11		11			NA
	Sulfide	mg/L	Tier 1							
	Total Alkalinity	mg/L	Tier 1		96		83			
VOC										
	1,1,1-Trichloroethane	ug/L	Tier 1						**200**	
	1,1,2,2-Tetrachloroethane	ug/L	Tier 1						**78**	X
	1,1,2-Trichloroethane	ug/L	Tier 1						**330**	X
	1,1-Dichloroethane	ug/L	Tier 1						**740**	
	1,1-Dichloroethene	ug/L	Tier 1						**65**	X
	1,2-Dichloroethane	ug/L	Tier 1						**360**	X
	1,2-Dichloroethene, Total	ug/L	Tier 1							
	1,2-Dichloropropane	ug/L	Tier 1						**290**	X
	2-Hexanone	ug/L	Tier 1							NA
	4-Methyl-2-pentanone	ug/L	Tier 1							ID
	Acetone	ug/L	Tier 1						**1700**	
	Benzene	ug/L	Tier 1						**200**	X
	Bromodichloromethane	ug/L	Tier 1							ID
	Bromoform	ug/L	Tier 1							ID
	Bromomethane	ug/L	Tier 1						**35**	
	Carbon Disulfide	ug/L	Tier 1							ID
	Carbon Tetrachloride	ug/L	Tier 1						**45**	X
	Chlorobenzene	ug/L	Tier 1						**47**	
	Chlorodibromomethane	ug/L	Tier 1							ID
	Chloroethane	ug/L	Tier 1							ID
	Chloroform	ug/L	Tier 1						**170**	X
	Chloromethane	ug/L	Tier 1							ID

Table E-2B

Ground Water Summary Compared to GSI

Event Date	Parameter	Units	Data Level	Location	MW-604	MW-605	P-604	P-605	GSI Criteria	GSI Criteria Code
				Field ID	Dup	MW-605	P-604	P-605		
	cis-1,3-Dichloropropene	ug/L	Tier 1							NA
	Ethylbenzene	ug/L	Tier 1						**18**	
	Methel ethyl Ketone	ug/L	Tier 1						**2200**	
	Methylene Chloride	ug/L	Tier 1						**940**	X
	Styrene	ug/L	Tier 1						**80**	
	Tetrachloroethene	ug/L	Tier 1						**45**	X
	Toluene	ug/L	Tier 1						**140**	
	trans-1,3-Dichloropropene	ug/L	Tier 1							NA
	Trichloroethene	ug/L	Tier 1						**200**	X
	Vinyl Chloride	ug/L	Tier 1						**15**	
	Xylenes	ug/L	Tier 1						**35**	
	Xylenes, m + p	ug/L	Tier 1						**35**	
	xylenes, o	ug/L	Tier 1						**35**	
	PAH									
	Acenaphthene	ug/L	Tier 1						**19**	
	Acenaphthylene	ug/L	Tier 1							ID
	Anthracene	ug/L	Tier 1							ID
	Benzo (a) anthracene	ug/L	Tier 1							ID
	Benzo (a) pyrene	ug/L	Tier 1							ID
	Benzo (b) Fluoranthene	ug/L	Tier 1							ID
	Benzo (g,h,i) perylene	ug/L	Tier 1							NA
	Benzo (k) Fluoranthene	ug/L	Tier 1							NA
	Chrysene	ug/L	Tier 1							ID
	Dibenzo (a,h) anthracene	ug/L	Tier 1							ID
	Fluoranthene	ug/L	Tier 1						**1.6**	
	Fluorene	ug/L	Tier 1						**12**	
	Indeno (1,2,3 - cd) pyrene	ug/L	Tier 1							ID
	Napthalene	ug/L	Tier 1						**13**	
	Phenanthrene	ug/L	Tier 1						**2.4**	
	Pyrene	ug/L	Tier 1							ID

cm = centimeter
ft = foot
mg/l = milligram/liter
mv = millivolt
S.U. = standard unit
umhos = micromhos
PCB = polychlorinated biphenyls
ORP = oxidation reduction potential
VOC = volatile organic compound
C = Celsius
GSI = Groundwater Surface Water Interface
msl = mean sea level
ng/L = nanograms/liter
ug/L = micrograms/liter
PAH = polynuclear hydrocarbon
NM = not measured

B = Inorganic - The analyte has been detected between the method detection limit and the reporting limit.
CC = The generic GSI criteria are based on the toxicity of unionized ammonia
ID = insufficient data to develop criterion.

FF = The chloride GSI criterion shall be 125 mg/L when the discharge is to surface warers of the state designated as public water supply sources or 50 mg/L whe the discharge is to the Great Lakes or connecting waters.

G = GSI criterion depends on the pH or water hardness, or both, ot the receiving surface water. The final chronic value for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water.
J = All concentration detected equal to or greater than the method detection limit but less than the reporting limit.

M = Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
NA = Criterion or value is not available.
U = The analyte was not detected at or above the reporting limit.
X = The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.
< = All the analyte was not detected at or above the reporting limit
Results were compared to the MDEQ GSI criteria. Exceedances are highlighted.
GW = groundwater
dup = dupliate
NTU = nephelometric turbidity unit

E-3

Laboratory Analytical Reports

June – July 2006

Batch No. 873332

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

July 8, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the KEMC project (06W003). The samples were assigned to batch number 873332 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Tod Noltemeyer
Project Manager

Pace Analytical®

MASTER FILE COPY

Scope 06W003 Classification 10,500 1241 Bellevue Street, Suite 9
Copy To JSK, SVDI Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 873332

Client: FOTH & VAN DYKE
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Contact: Tod Noltemeyer

Lab Sample Number	Field ID	Matrix	Collection Date
873332-001	MW-101	WATER	06/22/06
873332-002	MW-103	WATER	06/22/06
873332-003	MW-12	WATER	06/22/06
873332-004	DUP-001	WATER	06/22/06
873332-005	FB-001	WATER	06/22/06
873332-006	EQB-001	WATER	06/22/06
873332-007	TRIP BLANK	WATER	06/22/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

7/8/06
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873332

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-101

Matrix Type : WATER
Collection Date : 06/22/06
Report Date : 07/05/06
Lab Sample Number : 873332-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.				1					
Antimony - Dissolved	INCL.				1					
Arsenic - Dissolved	INCL.				1					
Barium - Dissolved	INCL.				1					
Beryllium - Dissolved	INCL.				1					
Boron - Dissolved	INCL.				1					
Cadmium - Dissolved	INCL.				1					
Calcium - Dissolved	INCL.				1					
Chromium - Dissolved	INCL.				1					
Cobalt - Dissolved	INCL.				1					
Copper - Dissolved	INCL.				1					
Iron - Dissolved	INCL.				1					
Lead - Dissolved	INCL.				1					
Lithium - Dissolved	INCL.				1					
Magnesium - Dissolved	INCL.				1					
Manganese - Dissolved	INCL.				1					
Mercury - Dissolved	INCL.				1					
Molybdenum - Dissolved	INCL.				1					
Nickel - Dissolved	INCL.				1					
Potassium - Dissolved	INCL.				1					
Selenium - Dissolved	INCL.				1					
Silver - Dissolved	INCL.				1					
Sodium - Dissolved	INCL.				1					
Zinc - Dissolved	INCL.				1					
Bicarbonate Alkalinity	460		1.7	10	1	mg/L		06/26/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		06/26/06	SM 2320B	SM 2320B
Chloride	4.4	B	0.82	5.0	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		06/26/06	EPA 335.4	EPA 335.4
Fluoride	0.40	B	0.096	0.50	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Sulfate	1.6	B	0.77	4.0	1	mg/L		06/23/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 06/26/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.20	J	0.14	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Ethylbenzene	1.1		0.40	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Toluene	0.36	U	0.36	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	102		80	124	1	%		06/26/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 06/27/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.76		0.041	0.24	5	ug/L	D	06/28/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.077		0.0081	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873332

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-101

Matrix Type : WATER
Collection Date : 06/22/06
Report Date : 07/05/06
Lab Sample Number : 873332-001

PAH/PNA

Prep Date: 06/27/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.018	J	0.012	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	06/27/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	06/27/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Fluorene	0.34		0.0091	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Naphthalene	0.65		0.062	0.24	5	ug/L	D	06/28/06	SW846 3510C	8270C-SIM
Phenanthrene	0.060		0.011	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Surrogate			LCL	UCL						
Nitrobenzene-d5	58		10	150	1	%		06/27/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	54		20	111	1	%		06/27/06	SW846 3510C	8270C-SIM
Terphenyl-d14	79		44	115	1	%		06/27/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873332

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-103

Matrix Type : WATER
Collection Date : 06/22/06
Report Date : 07/05/06
Lab Sample Number : 873332-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.				1					
Antimony - Dissolved	INCL.				1					
Arsenic - Dissolved	INCL.				1					
Barium - Dissolved	INCL.				1					
Beryllium - Dissolved	INCL.				1					
Boron - Dissolved	INCL.				1					
Cadmium - Dissolved	INCL.				1					
Calcium - Dissolved	INCL.				1					
Chromium - Dissolved	INCL.				1					
Cobalt - Dissolved	INCL.				1					
Copper - Dissolved	INCL.				1					
Iron - Dissolved	INCL.				1					
Lead - Dissolved	INCL.				1					
Lithium - Dissolved	INCL.				1					
Magnesium - Dissolved	INCL.				1					
Manganese - Dissolved	INCL.				1					
Mercury - Dissolved	INCL.				1					
Molybdenum - Dissolved	INCL.				1					
Nickel - Dissolved	INCL.				1					
Potassium - Dissolved	INCL.				1					
Selenium - Dissolved	INCL.				1					
Silver - Dissolved	INCL.				1					
Sodium - Dissolved	INCL.				1					
Zinc - Dissolved	INCL.				1					
Bicarbonate Alkalinity	100		1.7	10	1	mg/L		06/26/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		06/26/06	SM 2320B	SM 2320B
Chloride	4.4	B	0.82	5.0	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		06/26/06	EPA 335.4	EPA 335.4
Fluoride	0.21	B	0.096	0.50	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Sulfate	270		7.7	40	10	mg/L		06/25/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 06/26/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Toluene	0.36	U	0.36	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	100		80	124	1	%		06/26/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 06/27/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873332

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-103

Matrix Type : WATER
Collection Date : 06/22/06
Report Date : 07/05/06
Lab Sample Number : 873332-002

PAH/PNA Prep Date: 06/27/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.012	U	0.012	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	06/27/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	06/27/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Naphthalene	0.012	U	0.012	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	55		10	150	1	%		06/27/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	65		20	111	1	%		06/27/06	SW846 3510C	8270C-SIM
Terphenyl-d14	75		44	115	1	%		06/27/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873332

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-12

Matrix Type : WATER
Collection Date : 06/22/06
Report Date : 07/05/06
Lab Sample Number : 873332-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.				1					
Antimony - Dissolved	INCL.				1					
Arsenic - Dissolved	INCL.				1					
Barium - Dissolved	INCL.				1					
Beryllium - Dissolved	INCL.				1					
Boron - Dissolved	INCL.				1					
Cadmium - Dissolved	INCL.				1					
Calcium - Dissolved	INCL.				1					
Chromium - Dissolved	INCL.				1					
Cobalt - Dissolved	INCL.				1					
Copper - Dissolved	INCL.				1					
Iron - Dissolved	INCL.				1					
Lead - Dissolved	INCL.				1					
Lithium - Dissolved	INCL.				1					
Magnesium - Dissolved	INCL.				1					
Manganese - Dissolved	INCL.				1					
Mercury - Dissolved	INCL.				1					
Molybdenum - Dissolved	INCL.				1					
Nickel - Dissolved	INCL.				1					
Potassium - Dissolved	INCL.				1					
Selenium - Dissolved	INCL.				1					
Silver - Dissolved	INCL.				1					
Sodium - Dissolved	INCL.				1					
Zinc - Dissolved	INCL.				1					
Bicarbonate Alkalinity	140		1.7	10	1	mg/L		06/26/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		06/26/06	SM 2320B	SM 2320B
Chloride	3.3	B	0.82	5.0	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		06/26/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Sulfate	14		0.77	4.0	1	mg/L		06/23/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 06/27/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Toluene	0.36	U	0.36	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	101		80	124	1	%		06/27/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 06/27/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873332

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-12

Matrix Type : WATER
Collection Date : 06/22/06
Report Date : 07/05/06
Lab Sample Number : 873332-003

PAH/PNA Prep Date: 06/27/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.012	U	0.012	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	06/27/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	06/27/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Naphthalene	0.012	U	0.012	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	38		10	150	1	%		06/27/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	44		20	111	1	%		06/27/06	SW846 3510C	8270C-SIM
Terphenyl-d14	70		44	115	1	%		06/27/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873332

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-001

Matrix Type : WATER
Collection Date : 06/22/06
Report Date : 07/05/06
Lab Sample Number : 873332-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.				1					
Antimony - Dissolved	INCL.				1					
Arsenic - Dissolved	INCL.				1					
Barium - Dissolved	INCL.				1					
Beryllium - Dissolved	INCL.				1					
Boron - Dissolved	INCL.				1					
Cadmium - Dissolved	INCL.				1					
Calcium - Dissolved	INCL.				1					
Chromium - Dissolved	INCL.				1					
Cobalt - Dissolved	INCL.				1					
Copper - Dissolved	INCL.				1					
Iron - Dissolved	INCL.				1					
Lead - Dissolved	INCL.				1					
Lithium - Dissolved	INCL.				1					
Magnesium - Dissolved	INCL.				1					
Manganese - Dissolved	INCL.				1					
Mercury - Dissolved	INCL.				1					
Molybdenum - Dissolved	INCL.				1					
Nickel - Dissolved	INCL.				1					
Potassium - Dissolved	INCL.				1					
Selenium - Dissolved	INCL.				1					
Silver - Dissolved	INCL.				1					
Sodium - Dissolved	INCL.				1					
Zinc - Dissolved	INCL.				1					
Bicarbonate Alkalinity	160		1.7	10	1	mg/L		06/26/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		06/26/06	SM 2320B	SM 2320B
Chloride	4.2	B	0.82	5.0	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		06/26/06	EPA 335.4	EPA 335.4
Fluoride	0.39	B	0.096	0.50	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Sulfate	0.77	U	0.77	4.0	1	mg/L		06/23/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 06/27/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.19	J	0.14	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Ethylbenzene	1.0		0.40	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Toluene	0.36	U	0.36	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	102		80	124	1	%		06/27/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 06/27/06

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.56	0.041	0.24	5	ug/L	DK	06/28/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.072	0.0081	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873332

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-001

Matrix Type : WATER
Collection Date : 06/22/06
Report Date : 07/05/06
Lab Sample Number : 873332-004

PAH/PNA Prep Date: 06/27/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.018	J	0.012	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	06/27/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	06/27/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Fluorene	0.34		0.0091	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Naphthalene	0.44		0.062	0.24	5	ug/L	DK	06/28/06	SW846 3510C	8270C-SIM
Phenanthrene	0.060		0.011	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	66		10	150	1	%		06/27/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	54		20	111	1	%		06/27/06	SW846 3510C	8270C-SIM
Terphenyl-d14	86		44	115	1	%		06/27/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873332

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FB-001

Matrix Type : WATER
Collection Date : 06/22/06
Report Date : 07/05/06
Lab Sample Number : 873332-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Bicarbonate Alkalinity	4.3	B	1.7	10	1	mg/L		06/26/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		06/26/06	SM 2320B	SM 2320B
Chloride	4.1	B	0.82	5.0	1	mg/L	N	06/23/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		06/26/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		06/23/06	EPA 300.0	EPA 300.0
Sulfate	1.6	B	0.77	4.0	1	mg/L	N	06/23/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 06/27/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Toluene	0.36	U	0.36	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		06/27/06	SW846 5030B	SW846 M8021
Surrogate			LCL	UCL						
a,a,a-Trifluorotoluene	100		80	124	1	%		06/27/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 06/27/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0083	U	0.0083	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0083	U	0.0083	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.019	U	0.019	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.048	1	ug/L	Z	06/27/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.020	U	0.020	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.020	U	0.020	0.048	1	ug/L	Z	06/27/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Fluoranthene	0.016	U	0.016	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Fluorene	0.0092	U	0.0092	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Naphthalene	0.013	U	0.013	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Phenanthrene	0.012	U	0.012	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.048	1	ug/L		06/27/06	SW846 3510C	8270C-SIM
Surrogate			LCL	UCL						
Nitrobenzene-d5	72		10	150	1	%		06/27/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	72		20	111	1	%		06/27/06	SW846 3510C	8270C-SIM
Terphenyl-d14	80		44	115	1	%		06/27/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873332

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : EQB-001

Matrix Type : WATER
Collection Date : 06/22/06
Report Date : 07/05/06
Lab Sample Number : 873332-006

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.			1					
Antimony - Dissolved	INCL.			1					
Arsenic - Dissolved	INCL.			1					
Barium - Dissolved	INCL.			1					
Beryllium - Dissolved	INCL.			1					
Boron - Dissolved	INCL.			1					
Cadmium - Dissolved	INCL.			1					
Calcium - Dissolved	INCL.			1					
Chromium - Dissolved	INCL.			1					
Cobalt - Dissolved	INCL.			1					
Copper - Dissolved	INCL.			1					
Iron - Dissolved	INCL.			1					
Lead - Dissolved	INCL.			1					
Lithium - Dissolved	INCL.			1					
Magnesium - Dissolved	INCL.			1					
Manganese - Dissolved	INCL.			1					
Mercury - Dissolved	INCL.			1					
Molybdenum - Dissolved	INCL.			1					
Nickel - Dissolved	INCL.			1					
Potassium - Dissolved	INCL.			1					
Selenium - Dissolved	INCL.			1					
Silver - Dissolved	INCL.			1					
Sodium - Dissolved	INCL.			1					
Zinc - Dissolved	INCL.			1					

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873332

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 06/22/06
Report Date : 07/05/06
Lab Sample Number : 873332-007

BTEX

Prep Date: 06/26/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Toluene	0.36	U	0.36	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		06/26/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	100		80	124	1	%		06/26/06	SW846 5030B	SW846 M8021

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte, analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

July 03, 2006

Client Services
Pace Analytical Green Bay
1241 Bellevue Street
Suite 9
Green Bay, WI 54302

RE: Project: 873332
Pace Project No.: 1034337

Dear Client Services:
Enclosed are the analytical results for sample(s) received by the laboratory on June 24, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paul Kirchberg for
Cory A Higbee
Cory.higbee@pacelabs.com
Project Coordinator

Illinois Certification #: 200011
Iowa Certification #: 368
Minnesota Certification #: 027-053-137
Wisconsin Certification #: 999407970

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

SAMPLE SUMMARY

Project: 873332
Pace Project No.: 1034337

Lab ID	Sample ID	Matrix	Date Collected	Date Received
873332001	MW-101	Water	06/22/06 00:00	06/24/06 08:25
873332002	MW-103	Water	06/22/06 00:00	06/24/06 08:25
873332003	MW-12	Water	06/22/06 00:00	06/24/06 08:25
873332004	DUP-001	Water	06/22/06 00:00	06/24/06 08:25
873332006	EQB-001	Water	06/22/06 00:00	06/24/06 08:25

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1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

SAMPLE ANALYTE COUNT

Project: 873332
Pace Project No.: 1034337

Lab ID	Sample ID	Method	Analytes Reported
873332001	MW-101	EPA 6020	23
		EPA 7470	1
873332002	MW-103	EPA 6020	23
		EPA 7470	1
873332003	MW-12	EPA 6020	23
		EPA 7470	1
873332004	DUP-001	EPA 6020	23
		EPA 7470	1
873332006	EQB-001	EPA 6020	23
		EPA 7470	1

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Pace Analytical Services, Inc
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

ANALYTICAL RESULTS

Project: 873332
Pace Project No.: 1034337

Sample: MW-101 **Lab ID: 873332001** Collected: 06/22/06 00:00 Received: 06/24/06 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Dissolved	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	**33.6**	ug/L	4.0	2.0	1	06/27/06 12:37	06/27/06 16:21	7429-90-5	
Antimony	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:21	7440-36-0	
Arsenic	**22.1**	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 16:21	7440-38-2	
Barium	**79.3**	ug/L	0.30	0.15	1	06/27/06 12:37	06/27/06 16:21	7440-39-3	
Beryllium	**13.2**	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 16:21	7440-41-7	
Boron	**77.3**	ug/L	10.0	5.0	5	06/27/06 12:37	06/28/06 22:13	7440-42-8	
Cadmium	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:21	7440-43-9	
Calcium	**29600**	ug/L	1000	500	50	06/27/06 12:37	06/28/06 22:17	7440-70-2	
Chromium	**12.4**	ug/L	0.50	0.25	1	06/27/06 12:37	06/27/06 16:21	7440-47-3	
Cobalt	**0.17**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:21	7440-48-4	
Copper	ND	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 16:21	7440-50-8	
Iron	**34700**	ug/L	2500	1250	50	06/27/06 12:37	06/28/06 22:17	7439-89-6	
Lead	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:21	7439-92-1	
Lithium	**0.50**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:21	7439-93-2	
Magnesium	**8320**	ug/L	25.0	12.5	5	06/27/06 12:37	06/27/06 16:34	7439-95-4	
Manganese	**6000**	ug/L	25.0	12.5	50	06/27/06 12:37	06/28/06 22:17	7439-96-5	
Molybdenum	**0.96**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:21	7439-98-7	
Nickel	**0.21**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:21	7440-02-0	
Potassium	**3860**	ug/L	100	50.0	5	06/27/06 12:37	06/27/06 16:34	7440-09-7	
Selenium	**0.38J**	ug/L	0.50	0.25	1	06/27/06 12:37	06/27/06 16:21	7782-49-2	
Silver	ND	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 16:21	7440-22-4	
Sodium	**7100**	ug/L	250	125	5	06/27/06 12:37	06/27/06 16:34	7440-23-5	
Zinc	**3.6J**	ug/L	5.0	2.5	1	06/27/06 12:37	06/27/06 16:21	7440-66-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/29/06 20:17	06/30/06 08:58	7439-97-6	

Sample: MW-103 **Lab ID: 873332002** Collected: 06/22/06 00:00 Received: 06/24/06 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Dissolved	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	**7.6**	ug/L	4.0	2.0	1	06/27/06 12:37	06/27/06 16:42	7429-90-5	
Antimony	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:42	7440-36-0	
Arsenic	**13.8**	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 16:42	7440-38-2	
Barium	**116**	ug/L	0.30	0.15	1	06/27/06 12:37	06/27/06 16:42	7440-39-3	
Beryllium	**6.9**	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 16:42	7440-41-7	
Boron	**40.2**	ug/L	10.0	5.0	5	06/27/06 12:37	06/28/06 22:29	7440-42-8	
Cadmium	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:42	7440-43-9	
Calcium	**65300**	ug/L	1000	500	50	06/27/06 12:37	06/28/06 22:34	7440-70-2	
Chromium	**8.8**	ug/L	0.50	0.25	1	06/27/06 12:37	06/27/06 16:42	7440-47-3	
Cobalt	**0.23**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:42	7440-48-4	
Copper	**0.53**	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 16:42	7440-50-8	
Iron	**77600**	ug/L	2500	1250	50	06/27/06 12:37	06/28/06 22:34	7439-89-6	

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ANALYTICAL RESULTS

Project: 873332
Pace Project No.: 1034337

Sample: MW-103 Lab ID: 873332002 Collected: 06/22/06 00:00 Received: 06/24/06 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Dissolved	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Lead	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:42	7439-92-1	
Lithium	**0.99**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:42	7439-93-2	
Magnesium	**23700**	ug/L	250	125	50	06/27/06 12:37	06/27/06 16:50	7439-95-4	
Manganese	**6300**	ug/L	25.0	12.5	50	06/27/06 12:37	06/28/06 22:34	7439-96-5	
Molybdenum	**0.56**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:42	7439-98-7	
Nickel	**0.62**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 16:42	7440-02-0	
Potassium	**4000**	ug/L	100	50.0	5	06/27/06 12:37	06/27/06 16:46	7440-09-7	
Selenium	**0.31J**	ug/L	0.50	0.25	1	06/27/06 12:37	06/27/06 16:42	7782-49-2	
Silver	ND	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 16:42	7440-22-4	
Sodium	**6230**	ug/L	250	125	5	06/27/06 12:37	06/27/06 16:46	7440-23-5	
Zinc	ND	ug/L	5.0	2.5	1	06/27/06 12:37	06/27/06 16:42	7440-66-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/29/06 20:17	06/30/06 09:05	7439-97-6	

Sample: MW-12 Lab ID: 873332003 Collected: 06/22/06 00:00 Received: 06/24/06 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Dissolved	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	**5.3**	ug/L	4.0	2.0	1	06/27/06 12:37	06/27/06 17:14	7429-90-5	
Antimony	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:14	7440-36-0	
Arsenic	**10.6**	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:14	7440-38-2	
Barium	**32.9**	ug/L	0.30	0.15	1	06/27/06 12:37	06/27/06 17:14	7440-39-3	
Beryllium	**4.8**	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:14	7440-41-7	
Boron	**33.8**	ug/L	10.0	5.0	5	06/27/06 12:37	06/29/06 16:24	7440-42-8	
Cadmium	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:14	7440-43-9	
Calcium	**35000**	ug/L	1000	500	50	06/27/06 12:37	06/27/06 17:22	7440-70-2	
Chromium	**6.7**	ug/L	0.50	0.25	1	06/27/06 12:37	06/27/06 17:14	7440-47-3	
Cobalt	**0.16**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:14	7440-48-4	
Copper	**0.28**	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:14	7440-50-8	
Iron	**9190**	ug/L	250	125	5	06/27/06 12:37	06/29/06 16:24	7439-89-6	
Lead	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:14	7439-92-1	
Lithium	**1.3**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:14	7439-93-2	
Magnesium	**10900**	ug/L	25.0	12.5	5	06/27/06 12:37	06/27/06 17:18	7439-95-4	
Manganese	**893**	ug/L	2.5	1.2	5	06/27/06 12:37	06/27/06 17:18	7439-96-5	
Molybdenum	**0.30**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:14	7439-98-7	
Nickel	**0.10**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:14	7440-02-0	
Potassium	**1740**	ug/L	20.0	10.0	1	06/27/06 12:37	06/27/06 17:14	7440-09-7	
Selenium	ND	ug/L	0.50	0.25	1	06/27/06 12:37	06/27/06 17:14	7782-49-2	
Silver	ND	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:14	7440-22-4	
Sodium	**3630**	ug/L	250	125	5	06/27/06 12:37	06/27/06 17:18	7440-23-5	
Zinc	**2.8J**	ug/L	5.0	2.5	1	06/27/06 12:37	06/27/06 17:14	7440-66-6	

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ANALYTICAL RESULTS

Project: 873332
Pace Project No.: 1034337

Sample: MW-12 Lab ID: 873332003 Collected: 06/22/06 00:00 Received: 06/24/06 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/29/06 20:17	06/30/06 09:06	7439-97-6	

Sample: DUP-001 Lab ID: 873332004 Collected: 06/22/06 00:00 Received: 06/24/06 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Dissolved	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	32.4	ug/L	4.0	2.0	1	06/27/06 12:37	06/27/06 17:26	7429-90-5	
Antimony	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:26	7440-36-0	
Arsenic	21.9	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:26	7440-38-2	
Barium	78.7	ug/L	0.30	0.15	1	06/27/06 12:37	06/27/06 17:26	7440-39-3	
Beryllium	12.8	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:26	7440-41-7	
Boron	90.3	ug/L	10.0	5.0	5	06/27/06 12:37	06/29/06 16:29	7440-42-8	
Cadmium	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:26	7440-43-9	
Calcium	32700	ug/L	1000	500	50	06/27/06 12:37	06/27/06 17:35	7440-70-2	
Chromium	10.1	ug/L	0.50	0.25	1	06/27/06 12:37	06/27/06 17:26	7440-47-3	
Cobalt	0.17	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:26	7440-48-4	
Copper	0.14J	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:26	7440-50-8	
Iron	35200	ug/L	2500	1250	50	06/27/06 12:37	06/29/06 16:33	7439-89-6	
Lead	0.058J	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:26	7439-92-1	
Lithium	0.49	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:26	7439-93-2	
Magnesium	8300	ug/L	25.0	12.5	5	06/27/06 12:37	06/27/06 17:30	7439-95-4	
Manganese	6280	ug/L	25.0	12.5	50	06/27/06 12:37	06/27/06 17:35	7439-96-5	
Molybdenum	0.92	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:26	7439-98-7	
Nickel	0.28	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:26	7440-02-0	
Potassium	3900	ug/L	100	50.0	5	06/27/06 12:37	06/27/06 17:30	7440-09-7	
Selenium	0.39J	ug/L	0.50	0.25	1	06/27/06 12:37	06/27/06 17:26	7782-49-2	
Silver	ND	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:26	7440-22-4	
Sodium	7080	ug/L	250	125	5	06/27/06 12:37	06/27/06 17:30	7440-23-5	
Zinc	ND	ug/L	5.0	2.5	1	06/27/06 12:37	06/27/06 17:26	7440-66-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/29/06 20:17	06/30/06 09:08	7439-97-6	

Sample: EQB-001 Lab ID: 873332006 Collected: 06/22/06 00:00 Received: 06/24/06 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Dissolved	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	3.4J	ug/L	4.0	2.0	1	06/27/06 12:37	06/27/06 17:39	7429-90-5	
Antimony	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:39	7440-36-0	
Arsenic	ND	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:39	7440-38-2	
Barium	ND	ug/L	0.30	0.15	1	06/27/06 12:37	06/27/06 17:39	7440-39-3	

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ANALYTICAL RESULTS

Project: 873332
Pace Project No.: 1034337

Sample: EQB-001 **Lab ID: 873332006** Collected: 06/22/06 00:00 Received: 06/24/06 08:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Dissolved	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Beryllium	**41.0**	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:39	7440-41-7	
Boron	**275**	ug/L	10.0	5.0	5	06/27/06 12:37	06/29/06 16:37	7440-42-8	
Cadmium	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:39	7440-43-9	
Calcium	ND	ug/L	20.0	10.0	1	06/27/06 12:37	06/27/06 17:39	7440-70-2	
Chromium	**0.79**	ug/L	0.50	0.25	1	06/27/06 12:37	06/27/06 17:39	7440-47-3	
Cobalt	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:39	7440-48-4	
Copper	**0.15J**	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:39	7440-50-8	
Iron	ND	ug/L	50.0	25.0	1	06/27/06 12:37	06/27/06 17:39	7439-89-6	
Lead	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:39	7439-92-1	
Lithium	**0.85**	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:39	7439-93-2	
Magnesium	ND	ug/L	5.0	2.5	1	06/27/06 12:37	06/27/06 17:39	7439-95-4	
Manganese	ND	ug/L	0.50	0.25	1	06/27/06 12:37	06/27/06 17:39	7439-96-5	
Molybdenum	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:39	7439-98-7	
Nickel	ND	ug/L	0.10	0.050	1	06/27/06 12:37	06/27/06 17:39	7440-02-0	
Potassium	**85.6**	ug/L	20.0	10.0	1	06/27/06 12:37	06/27/06 17:39	7440-09-7	
Selenium	ND	ug/L	0.50	0.25	1	06/27/06 12:37	06/27/06 17:39	7782-49-2	
Silver	ND	ug/L	0.20	0.10	1	06/27/06 12:37	06/27/06 17:39	7440-22-4	
Sodium	**2850**	ug/L	250	125	5	06/27/06 12:37	06/29/06 16:37	7440-23-5	
Zinc	**3.9J**	ug/L	5.0	2.5	1	06/27/06 12:37	06/27/06 17:39	7440-66-6	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	06/29/06 20:17	06/30/06 09:09	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 873332
Pace Project No.: 1034337

QC Batch: MPRP/6548 Analysis Method: EPA 6020
QC Batch Method: EPA 3020 Analysis Description: 6020 MET Dissolved
Associated Lab Samples: 873332001, 873332002, 873332003, 873332004, 873332006

METHOD BLANK: 233284
Associated Lab Samples: 873332001, 873332002, 873332003, 873332004, 873332006

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Silver	ug/L	ND	0.20	
Aluminum	ug/L	ND	4.0	
Arsenic	ug/L	ND	0.20	
Boron	ug/L	ND	2.0	
Barium	ug/L	ND	0.30	
Beryllium	ug/L	ND	0.20	
Calcium	ug/L	ND	20.0	
Cadmium	ug/L	ND	0.10	
Cobalt	ug/L	ND	0.10	
Chromium	ug/L	ND	0.50	
Copper	ug/L	ND	0.20	
Iron	ug/L	ND	50.0	
Potassium	ug/L	ND	20.0	
Lithium	ug/L	ND	0.10	
Magnesium	ug/L	ND	5.0	
Manganese	ug/L	ND	0.50	
Molybdenum	ug/L	ND	0.10	
Sodium	ug/L	ND	50.0	
Nickel	ug/L	ND	0.10	
Lead	ug/L	ND	0.10	
Antimony	ug/L	ND	0.10	
Selenium	ug/L	ND	0.50	
Zinc	ug/L	ND	5.0	

LABORATORY CONTROL SAMPLE: 233285

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Silver	ug/L	80	81.6	102	85-115	
Boron	ug/L	80	73.3	92	85-115	
Aluminum	ug/L	80	78.9	99	85-115	
Iron	ug/L	1000	1000	100	85-115	
Arsenic	ug/L	80	80.0	100	85-115	
Barium	ug/L	80	80.4	100	85-115	
Beryllium	ug/L	80	79.4	99	85-115	
Calcium	ug/L	1000	1000	100	85-115	
Cadmium	ug/L	80	79.1	99	85-115	
Cobalt	ug/L	80	79.9	100	85-115	
Chromium	ug/L	80	80.1	100	85-115	
Copper	ug/L	80	80.5	101	85-115	
Potassium	ug/L	1000	999	100	85-115	
Lithium	ug/L	80	79.1	99	85-115	

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QUALITY CONTROL DATA

Project: 873332
Pace Project No.: 1034337

LABORATORY CONTROL SAMPLE: 233285

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Magnesium	ug/L	1000	971	97	85-115	
Manganese	ug/L	80	76.1	95	85-115	
Molybdenum	ug/L	80	79.4	99	85-115	
Sodium	ug/L	1000	965	97	85-115	
Nickel	ug/L	80	81.8	102	85-115	
Lead	ug/L	80	79.2	99	85-115	
Antimony	ug/L	80	79.9	100	85-115	
Selenium	ug/L	160	160	100	85-115	
Zinc	ug/L	80	79.9	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 233286 233287

Parameter	Units	873332001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Silver	ug/L	ND	80	80	62.6	62.7	78	78	70-130	.3	20	
Boron	ug/L	77.3	80	80	151	150	92	91	70-130	.6	20	
Aluminum	ug/L	33.6	80	80	110	111	96	97	70-130	.7	20	
Iron	ug/L	34700	1000	1000	34700	35000	-7	22	70-130	.8	20	M3
Arsenic	ug/L	22.1	80	80	99.7	100	97	98	70-130	.7	20	
Barium	ug/L	79.3	80	80	152	156	90	95	70-130	3	20	
Beryllium	ug/L	13.2	80	80	88.0	88.4	94	94	70-130	.4	20	
Calcium	ug/L	29600	1000	1000	31900	31900	230	226	70-130	.1	20	M3
Cadmium	ug/L	ND	80	80	77.8	78.8	97	98	70-130	1	20	
Cobalt	ug/L	0.17	80	80	79.7	79.5	99	99	70-130	.2	20	
Chromium	ug/L	12.4	80	80	86.4	86.4	92	92	70-130	.02	20	
Copper	ug/L	ND	80	80	77.1	77.8	96	97	70-130	.9	20	
Potassium	ug/L	3860	1000	1000	4800	4880	95	103	70-130	2	20	
Lithium	ug/L	0.50	80	80	73.0	74.3	91	92	70-130	2	20	
Magnesium	ug/L	8320	1000	1000	9240	9320	92	100	70-130	.8	20	
Manganese	ug/L	6000	80	80	6170	6160	214	202	70-130	.1	20	M3
Molybdenum	ug/L	0.96	80	80	78.7	80.8	97	100	70-130	3	20	
Sodium	ug/L	7100	1000	1000	8020	8080	92	97	70-130	.7	20	
Nickel	ug/L	0.21	80	80	78.6	79.3	98	99	70-130	.9	20	
Lead	ug/L	ND	80	80	82.2	81.8	103	102	70-130	.5	20	
Antimony	ug/L	ND	80	80	79.2	80.9	99	101	70-130	2	20	
Selenium	ug/L	0.38J	160	160	166	164	104	102	70-130	1	20	
Zinc	ug/L	3.6J	80	80	77.3	78.1	92	93	70-130	1	20	

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Pace Analytical Services, Inc
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

QUALITY CONTROL DATA

Project: 873332
Pace Project No.: 1034337

QC Batch: MERP/1170 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury Dissolved
Associated Lab Samples: 873332001, 873332002, 873332003, 873332004, 873332006

METHOD BLANK: 234340
Associated Lab Samples: 873332001, 873332002, 873332003, 873332004, 873332006

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	ug/L	ND	0.20	

LABORATORY CONTROL SAMPLE: 234341

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234342 234343

Parameter	Units	873332001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.9	5.0	99	99	80-120	.8	20	

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Pace Analytical Services, Inc
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

QUALIFIERS

Project: 873332
Pace Project No.: 1034337

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

ANALYTE QUALIFIERS

M3 Matrix spike recovery was outside laboratory control limits due to matrix interferences.

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Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302

Analysis Summary by Laboratory

Test Group Name	873332-001	873332-002	873332-003	873332-004	873332-005	873332-006	873332-007
ALKALINITY, BICARB/CARB	B	B	B	B	B		
ALUMINUM - DISSOLVED	M	M	M	M		M	
ANTIMONY - DISSOLVED	M	M	M	M		M	
ARSENIC - DISSOLVED	M	M	M	M		M	
BARIUM - DISSOLVED	M	M	M	M		M	
BERYLLIUM - DISSOLVED	M	M	M	M		M	
BORON - DISSOLVED	M	M	M	M		M	
BTEX	G	G	G	G	G		G
CADMIUM - DISSOLVED	M	M	M	M		M	
CALCIUM - DISSOLVED	M	M	M	M		M	
CHLORIDE	B	B	B	B	B		
CHROMIUM - DISSOLVED	M	M	M	M		M	
COBALT - DISSOLVED	M	M	M	M		M	
COPPER - DISSOLVED	M	M	M	M		M	
CYANIDE, TOTAL	B	B	B	B	B		
FLUORIDE	B	B	B	B	B		
IRON - DISSOLVED	M	M	M	M		M	
LEAD - DISSOLVED	M	M	M	M		M	
LITHIUM - DISSOLVED	M	M	M	M		M	
MAGNESIUM - DISSOLVED	M	M	M	M		M	
MANGANESE - DISSOLVED	M	M	M	M		M	
MERCURY - DISSOLVED	M	M	M	M		M	
MOLYBDENUM - DISSOLVED	M	M	M	M		M	
NICKEL - DISSOLVED	M	M	M	M		M	
NITROGEN, NITRATE	B	B	B	B	B		
PAH/PNA	B	B	B	B	B		
POTASSIUM - DISSOLVED	M	M	M	M		M	
SELENIUM - DISSOLVED	M	M	M	M		M	
SILVER - DISSOLVED	M	M	M	M		M	
SODIUM - DISSOLVED	M	M	M	M		M	
SULFATE	B	B	B	B	B		
ZINC - DISSOLVED	M	M	M	M		M	

Code	Facility	Address	MI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	Not Certified
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	Not Certified

Sample Condition Upon Receipt

Pace Analytical

Client Name: Foth + Van Dyke Project # 873332

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other_____

Thermometer Used TR Type of Ice: ~~Wet~~ Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature 1°C Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: MP 6/13/06 VCS

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. Nitrate
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☒Yes ☐No ☐N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	MP
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☒No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☒Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:_____ Date/Time:_____

Comments/ Resolution: COC says 3 trip blanks, Only received 2.

Project Manager Review: KLK for TJ **Date:** 7/5/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

JCS

Page: of 0951923

Pace Analytical®

Section A
Required Client Information:

Company	Foth & Van Dyke
Address	Green Bay WI 54304
Email To:	
Phone / Fax	
Requested Due Date/TAT:	6/30/06

Section B
Required Project Information:

Report To:	Jamis Kesy
Copy To:	
Purchase Order No.:	
Project Name:	Hamboldt Mill
Project Number:	

Section C
Invoice Information:

Attention:	Jamis Kesy
Company Name:	Foth & Van Dyke
Address:	Green
Pace Quote Reference:	
Pace Project Manager:	TG Wolfenberger
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other

SITE LOCATION

☐GA ☐IL ☐IN ☑MI ☐MN ☐NC ☐OH ☐SC ☐WI ☐OTHER

Section D
Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / -)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	Δ SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: 5VOCs	BTEX	RAETALS	METALS	CYANIDE	GENERAL	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	MW-101	WT	G	6-22-06 (DW)		6-22-06		8.3	9		2	3	1				N	X	X	X	X	X	X	573332
2	MW-103	WT	G			6-22-06			9		2	3	1				N	X	X	X	X	X	X	
3	MW-12	WT	G			6-22-06			9		2	3	1				N	X	X	X	X	X	X	
4	DUP-001	WT	G			6-22-06			9		2	3	1				N	X	X	X	X	X	X	
5	FB-001	WT	G			6-22-06			6	2			4				N	X	X	X	X	X	X	
6	EQB-001	WT	G			6-22-06			2		2						N	X	X	X	X	X	X	
7	TRIP BLANK	WT	G						3				3				N	X	X	X	X	X	X	
8																								
9																								
10																								
11																								
12																								

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Dan Wood / Foth	6-22-06	1830			

SAMPLE CONDITION

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
	Y/N	Y/N	Y/N
1c	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Nick Wittala, Mary Marcoux

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

Additional Comments: Hamboldt Mill Project

Shipped via FedEx
AIR BILL #'s:
7910 2636 2364
7910 2636 2375
7910 2636 2397

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873332
Lab Section: WETCHEM
QC Batch Number: 12261
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1901-011MB	WCG1901-011MB
LCS	WCG1901-011MBLCS	WCG1901-011MBLCS
MS	FB-001MS	873332-005MS
MS	873273-001MS	873273-001MS
MSD	FB-001MSD	873332-005MSD
MSD	873273-001MSD	873273-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-101	873332-001	MB
MW-12	873332-003	MB
FB-001	873332-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-103	873332-002	MB
DUP-001	873332-004	MB

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.1	102.4		---	---	---		---			90	110	20	873273-001	<	0.0094	0.10	0.1	102.1		0.10	0.11	105.7		3.5			90	110	20
Cyanide, Total	<	0.0094	0.10	0.1	102.4		---	---	---		---			90	110	20	873332-005	<	0.0094	0.10	0.1	103.1		0.10	0.1	102.3		0.7			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12261

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 873332
Lab Section: WETCHEM
QC Batch Number: 12283
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1385-027MB	WCG1385-027MB
LCS	WCG1385-027MBLCS	WCG1385-027MBLCS
LCSD	WCG1385-027MBLCSD	WCG1385-027MBLCSD
MS	873092-001MS	873092-001MS
MSD	873092-001MSD	873092-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-101	873332-001	MB
MW-12	873332-003	MB
FB-001	873332-005	MB
MW-103	873332-002	MB
DUP-001	873332-004	MB

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12283

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873332
Lab Section: GAS
QC Batch Number: 12287
Prep Method: SW846 5030B
Analytical Method: SW846 M8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG1923-88MB	GG1923-88MB
LCS	GG1923-88MBLCS	GG1923-88MBLCS
LCSD	GG1923-88MBLCSD	GG1923-88MBLCSD
MS	873337-007MS	873337-007MS
MSD	873337-007MSD	873337-007MSD

Client Sample ID	Lab Sample ID	MB ID
MW-101	873332-001	MB
MW-12	873332-003	MB
FB-001	873332-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-103	873332-002	MB
DUP-001	873332-004	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzene	<	0.14	20.0	21.4	107		20.0	21.4	107		0.1		65	115	20	873337-007		0.472	20.0	22	108		20.0	21.7	106		1.3		80	120	20
Ethylbenzene	<	0.4	20.0	21.8	109		20.0	21.7	108		0.3		65	115	20	873337-007	<	0.4	20.0	19.5	98		20.0	18.9	95		3.0		80	120	20
Toluene	<	0.36	20.0	21.5	108		20.0	21.5	107		0.2		65	115	20	873337-007		0.650	20.0	21.4	104		20.0	21.1	102		1.0		80	120	20
Xylene, o	<	0.36	20.0	21.3	107		20.0	21.2	106		0.3		65	115	20	873337-007	<	0.36	20.0	19.6	98		20.0	19.2	96		2.3		80	120	20
Xylenes, m + p	<	0.74	40.0	43.3	108		40.0	43.1	108		0.3		65	115	20	873337-007	<	0.74	40.0	38.5	96		40.0	37.3	93		3.2		78	124	20
a,a,a-Trifluorotoluene		100%	—	—	101		—	—	101		—		80	124	---	873337-007		101%	—	---	101		—	—	101		---		80	124	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12287

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873332
Lab Section: GAS
QC Batch Number: 12289
Prep Method: SW846 5030B
Analytical Method: SW846 M8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG1923-90MB	GG1923-90MB
LCS	GG1923-90MBLCS	GG1923-90MBLCS
LCSD	GG1923-90MBLCSD	GG1923-90MBLCSD
MS	873324-007MS	873324-007MS
MSD	873324-007MSD	873324-007MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
TRIP BLANK	873332-007	MB			

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzene	<	0.14	20.0	20.8	104		20.0	20.9	104		0.3		85	115	20	873324-007		0.164	20.0	19.5	97		20.0	19.5	97		0.1		80	120	20
Ethylbenzene	<	0.4	20.0	21.1	106		20.0	21.2	106		0.3		85	115	20	873324-007	<	0.4	20.0	15.1	75	N	20.0	15.2	76	N	0.6		80	120	20
Toluene	<	0.36	20.0	20.8	104		20.0	20.9	104		0.3		85	115	20	873324-007	<	0.36	20.0	17.8	89		20.0	17.8	89		0.1		80	120	20
Xylene, o	<	0.36	20.0	20.6	103		20.0	20.6	103		0.4		85	115	20	873324-007	<	0.36	20.0	16.8	84		20.0	16.7	84		0.4		80	120	20
Xylenes, m + p	<	0.74	40.0	42.2	106		40.0	42.3	106		0.3		85	115	20	873324-007	<	0.74	40.0	30.1	75	N	40.0	30.2	75	N	0.3		78	124	20
a,a,a-Trifluorotoluene		100%	—	—	99		—	—	99		—		80	124	—	873324-007		100%	—	—	98		—	—	98		—		80	124	—

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12289

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873332
Lab Section: WETCHEM
QC Batch Number: 12290
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1918-041MB	WCG1918-041MB
LCS	WCG1918-041MBLCS	WCG1918-041MBLCS
MS	FB-001MS	873332-005MS
MS	873302-010MS	873302-010MS
MSD	FB-001MSD	873332-005MSD
MSD	873302-010MSD	873302-010MSD

Client Sample ID	Lab Sample ID	MB ID
MW-101	873332-001	MB
MW-12	873332-003	MB
FB-001	873332-005	MB
MW-103	873332-002	MB
DUP-001	873332-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Nitrate	<	0.088	1.6	1.6	96.9		---	---	---		---			90	110	20	873302-010	<	0.088	1.6	1.6	101.2		1.6	1.6	101.2		0.0			90	110	20
Sulfate	<	0.77	16.0	15.1	94.6		---	---	---		---			90	110	20	873302-010		9.21	16.0	24	92.5		16.0	24.2	93.5		0.7			90	110	20
Chloride	<	0.82	20.0	18.3	91.7		---	---	---		---			90	110	20	873332-005		4.07	20.0	20.7	83.2	N	20.0	21.4	86.4	N	3.0			90	110	20
Fluoride	<	0.096	2.0	1.9	95.0		---	---	---		---			90	110	20	873332-005	<	0.096	2.0	2	98.5		2.0	2	101.5		3.0			90	110	20
Nitrogen, Nitrate	<	0.088	1.6	1.6	96.9		---	---	---		---			90	110	20	873332-005	<	0.088	1.6	1.6	98.8		1.6	1.6	101.9		3.1			90	110	20
Sulfate	<	0.77	16.0	15.1	94.6		---	---	---		---			90	110	20	873332-005		1.59	16.0	15.5	87.2	N	16.0	16	90.1		3.0			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12290

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873332
Lab Section: BNASIM
QC Batch Number: 12363
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-03MB	svog1945-03MB
LCS	svog1945-03LCS	svog1945-03LCS
LCSD	svog1945-03LCSD	svog1945-03LCSD
MS	873337-007MS	873337-007MS
MSD	873337-007MSD	873337-007MSD

Client Sample ID	Lab Sample ID	MB ID
MW-101	873332-001	MB
MW-12	873332-003	MB
FB-001	873332-005	MB
MW-103	873332-002	MB
DUP-001	873332-004	MB

Test Name	Method Blank Result		Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086		0.20	0.14	72		0.20	0.15	74		2.8			40	126	23	---	---	---	---			---	---	---		---			---	---	---
Acenaphthylene	<	0.0086		0.20	0.15	73		0.20	0.15	73		0.4			39	127	24	---	---	---	---			---	---	---		---			---	---	---
Anthracene	<	0.012		0.20	0.16	79		0.20	0.16	82		3.7			39	139	27	---	---	---	---			---	---	---		---			---	---	---
Benzo(a)anthracene	<	0.017		0.20	0.19	93		0.20	0.18	91		1.8			48	146	20	---	---	---	---			---	---	---		---			---	---	---
Benzo(a)pyrene	<	0.019		0.20	0.18	89		0.20	0.18	89		0.3			61	136	20	---	---	---	---			---	---	---		---			---	---	---
Benzo(b)fluoranthene	<	0.017		0.20	0.17	86		0.20	0.16	81		5.4			51	141	20	---	---	---	---			---	---	---		---			---	---	---
Benzo(ghi)perylene	<	0.02		0.20	0.17	86		0.20	0.17	85		0.5			57	136	20	---	---	---	---			---	---	---		---			---	---	---
Benzo(k)fluoranthene	<	0.02		0.20	0.18	92		0.20	0.19	97		4.9			61	149	20	---	---	---	---			---	---	---		---			---	---	---
Chrysene	<	0.02		0.20	0.19	94		0.20	0.18	92		2.4			61	150	20	---	---	---	---			---	---	---		---			---	---	---
Dibenz(a,h)anthracene	<	0.02		0.20	0.18	88		0.20	0.17	86		2.7			46	150	20	---	---	---	---			---	---	---		---			---	---	---
Fluoranthene	<	0.016		0.20	0.17	87		0.20	0.17	85		2.0			48	145	20	---	---	---	---			---	---	---		---			---	---	---
Fluorene	<	0.0096		0.20	0.15	77		0.20	0.15	77		0.1			40	131	25	---	---	---	---			---	---	---		---			---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02		0.20	0.17	87		0.20	0.17	87		0.4			54	143	20	---	---	---	---			---	---	---		---			---	---	---
Naphthalene	<	0.013		0.20	0.14	69		0.20	0.13	67		3.1			45	131	30	---	---	---	---			---	---	---		---			---	---	---
Phenanthrene	<	0.012		0.20	0.15	73		0.20	0.15	73		0.2			40	131	25	---	---	---	---			---	---	---		---			---	---	---
Pyrene	<	0.015		0.20	0.18	88		0.20	0.17	87		1.5			55	135	20	---	---	---	---			---	---	---		---			---	---	---
Nitrobenzene-d5		47%		---	---	55		---	---	52		---			10	150	---	---	---	---	---			---	---	---		---			---	---	---
2-Fluorobiphenyl		55%		---	---	61		---	---	64		---			20	111	---	---	---	---	---			---	---	---		---			---	---	---
Terphenyl-d14		77%		---	---	83		---	---	80		---			44	115	---	---	---	---	---			---	---	---		---			---	---	---
Benzo(a)anthracene		---		0	---	---		---	---	---		---			---	---	---	873337-007	0.37	100	0.22	-0	N	100	0.26	-0	N	14.8			45	150	20
Benzo(a)pyrene		---		0	---	---		---	---	---		---			---	---	---	873337-007	0.70	100	0.2	-1	N	100	0.27	-0	N	29.9	*		72	129	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12363

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzo(b)fluoranthene	---	0	---	---		---	---	---		---		---	---	---	873337-007		0.81	100	0.21	-1	N	100	0.3	-1	N	37.7	*	72	134	20
Benzo(k)fluoranthene	---	0	---	---		---	---	---		---		---	---	---	873337-007		0.56	100	0.19	-0	N	100	0.22	-0	N	13.3		75	129	20
Chrysene	---	0	---	---		---	---	---		---		---	---	---	873337-007		0.62	100	0.19	-0	N	100	0.24	-0	N	19.7		71	136	20
Dibenz(a,h)anthracene	---	0	---	---		---	---	---		---		---	---	---	873337-007	<	0.24	100.0	101.7	102		100.0	118	118		14.9		43	150	20
Indeno(1,2,3-cd)pyrene	---	0	---	---		---	---	---		---		---	---	---	873337-007		0.67	100	0.2	-0	N	100	0.28	-0	N	31.1	*	71	140	20
Naphthalene	---	0	---	---		---	---	---		---		---	---	---	873337-007	<	0.16	100	65.1	85		100	89.6	90		5.2		53	107	31
Nitrobenzene-d5	---	---	---	---		---	---	---		---		---	---	---	873337-007		0%	---	---	70		---	---	76		---		10	150	---
2-Fluorobiphenyl	---	---	---	---		---	---	---		---		---	---	---	873337-007		0%	---	---	75		---	---	83		---		20	111	---
Terphenyl-d14	---	---	---	---		---	---	---		---		---	---	---	873337-007		0%	---	---	91		---	---	88		---		44	115	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006

QC Batch Number: 12363

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 873332
Lab Section: BNASIM
QC Batch Number: 12363
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-03MB	svog1945-03MB
LCS	svog1945-03LCS	svog1945-03LCS
LCSD	svog1945-03LCSD	svog1945-03LCSD
MS	873337-007MS	873337-007MS
MSD	873337-007MSD	873337-007MSD

Client Sample ID	Lab Sample ID	MB ID
MW-101	873332-001	MB
MW-12	873332-003	MB
FB-001	873332-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-103	873332-002	MB
DUP-001	873332-004	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.14	72		0.20	0.15	74		2.8		40	126	23	---	---	---	---	---		---	---	---		---		---	---	---
Acenaphthylene	<	0.0086	0.20	0.15	73		0.20	0.15	73		0.4		39	127	24	---	---	---	---	---		---	---	---		---		---	---	---
Anthracene	<	0.012	0.20	0.16	79		0.20	0.16	82		3.7		39	139	27	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(a)anthracene	<	0.017	0.20	0.19	93		0.20	0.18	91		1.8		48	146	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(a)pyrene	<	0.019	0.20	0.18	89		0.20	0.18	89		0.3		61	136	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.17	86		0.20	0.16	81		5.4		51	141	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(ghi)perylene	<	0.02	0.20	0.17	86		0.20	0.17	85		0.5		57	136	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.18	92		0.20	0.19	97		4.9		61	149	20	---	---	---	---	---		---	---	---		---		---	---	---
Chrysene	<	0.02	0.20	0.19	94		0.20	0.18	92		2.4		61	150	20	---	---	---	---	---		---	---	---		---		---	---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.18	88		0.20	0.17	86		2.7		46	150	20	---	---	---	---	---		---	---	---		---		---	---	---
Fluoranthene	<	0.016	0.20	0.17	87		0.20	0.17	85		2.0		48	145	20	---	---	---	---	---		---	---	---		---		---	---	---
Fluorene	<	0.0096	0.20	0.15	77		0.20	0.15	77		0.1		40	131	25	---	---	---	---	---		---	---	---		---		---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.17	87		0.20	0.17	87		0.4		54	143	20	---	---	---	---	---		---	---	---		---		---	---	---
Naphthalene	<	0.013	0.20	0.14	69		0.20	0.13	67		3.1		45	131	30	---	---	---	---	---		---	---	---		---		---	---	---
Phenanthrene	<	0.012	0.20	0.15	73		0.20	0.15	73		0.2		40	131	25	---	---	---	---	---		---	---	---		---		---	---	---
Pyrene	<	0.015	0.20	0.18	88		0.20	0.17	87		1.5		55	135	20	---	---	---	---	---		---	---	---		---		---	---	---
Nitrobenzene-d5		47%	---	---	55		---	---	52		---		10	150	---	---	---	---	---	---		---	---	---		---		---	---	---
2-Fluorobiphenyl		55%	---	---	61		---	---	64		---		20	111	---	---	---	---	---	---		---	---	---		---		---	---	---
Terphenyl-d14		77%	---	---	83		---	---	80		---		44	115	---	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(a)anthracene		---	0	---	---		---	---	---		---		---	---	---	873337-007	0.37	100	0.22	-0	N	100	0.26	-0	N	14.8		45	150	20
Benzo(a)pyrene		---	0	---	---		---	---	---		---		---	---	---	873337-007	0.70	100	0.2	-1	N	100	0.27	-0	N	29.9	*	72	129	20
Benzo(b)fluoranthene		---	0	---	---		---	---	---		---		---	---	---	873337-007	0.81	100	0.21	-1	N	100	0.3	-1	N	37.7	*	72	134	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 12363

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/ LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/ MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzo(k)fluoranthene	---	0	---	---		---	---	---		---		---	---	---	873337-007		0.56	100	0.19	-0	N	100	0.22	-0	N	13.3		75	129	20
Chrysene	---	0	---	---		---	---	---		---		---	---	---	873337-007		0.62	100	0.19	-0	N	100	0.24	-0	N	19.7		71	136	20
Dibenz(a,h)anthracene	---	0	---	---		---	---	---		---		---	---	---	873337-007	<	0.24	100.0	101.7	102		100.0	118	118		14.9		43	150	20
Indeno(1,2,3-cd)pyrene	---	0	---	---		---	---	---		---		---	---	---	873337-007		0.67	100	0.2	-0	N	100	0.28	-0	N	31.1	*	71	140	20
Naphthalene	---	0	---	---		---	---	---		---		---	---	---	873337-007	<	0.16	100	85.1	85		100	89.6	90		5.2		53	107	31
Nitrobenzene-d5	---	---	---	---		---	---	---		---		---	---	---	873337-007		0%	---	---	70		---	---	76		---		10	150	---
2-Fluorobiphenyl	---	---	---	---		---	---	---		---		---	---	---	873337-007		0%	---	---	75		---	---	83		---		20	111	---
Terphenyl-d14	---	---	---	---		---	---	---		---		---	---	---	873337-007		0%	---	---	91		---	---	86		---		44	115	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 12363

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 873332
Lab Section: GAS
QC Batch Number: 12287
Prep Method: SW846 5030B
Analytical Method: SW846 8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG1923-88MB	GG1923-88MB
LCS	GG1923-88MBLCS	GG1923-88MBLCS
LCSD	GG1923-88MBLCSD	GG1923-88MBLCSD
MS	873337-007MS	873337-007MS
MSD	873337-007MSD	873337-007MSD

Client Sample ID	Lab Sample ID	MB ID
MW-101	873332-001	MB
MW-12	873332-003	MB
FB-001	873332-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-103	873332-002	MB
DUP-001	873332-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzene	<	0.14	20.0	21.4	107		20.0	21.4	107		0.1			85	115	20	873337-007		0.472	20.0	22	108		20.0	21.7	106		1.3			80	120	20
Ethylbenzene	<	0.4	20.0	21.8	109		20.0	21.7	108		0.3			85	115	20	873337-007	<	0.4	20.0	19.5	98		20.0	18.9	95		3.0			80	120	20
Toluene	<	0.36	20.0	21.5	108		20.0	21.5	107		0.2			85	115	20	873337-007		0.650	20.0	21.4	104		20.0	21.1	102		1.0			80	120	20
Xylene, o	<	0.36	20.0	21.3	107		20.0	21.2	106		0.3			85	115	20	873337-007	<	0.36	20.0	19.6	98		20.0	19.2	96		2.3			80	120	20
Xylenes, m + p	<	0.74	40.0	43.3	108		40.0	43.1	108		0.3			85	115	20	873337-007	<	0.74	40.0	38.5	96		40.0	37.3	93		3.2			78	124	20
a,a,a-Trifluorotoluene		100%	---	---	101		---	---	101		---			80	124	---	873337-007		101%	---	---	101		---	---	101		---			80	124	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 12287

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 873332
Lab Section: GAS
QC Batch Number: 12289
Prep Method: SW846 5030B
Analytical Method: SW846 8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG1923-90MB	GG1923-90MB
LCS	GG1923-90MBLCS	GG1923-90MBLCS
LCSD	GG1923-90MBLCSD	GG1923-90MBLCSD
MS	873324-007MS	873324-007MS
MSD	873324-007MSD	873324-007MSD

Client Sample ID	Lab Sample ID	MB ID
TRIP BLANK	873332-007	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzene	<	0.14	20.0	20.8	104		20.0	20.9	104		0.3			85	115	20	873324-007		0.164	20.0	19.5	97		20.0	19.5	97		0.1			80	120	20
Ethylbenzene	<	0.4	20.0	21.1	106		20.0	21.2	106		0.3			85	115	20	873324-007	<	0.4	20.0	15.1	75	N	20.0	15.2	76	N	0.6			80	120	20
Toluene	<	0.36	20.0	20.8	104		20.0	20.9	104		0.3			85	115	20	873324-007	<	0.36	20.0	17.8	89		20.0	17.8	89		0.1			80	120	20
Xylene, o	<	0.36	20.0	20.6	103		20.0	20.6	103		0.4			85	115	20	873324-007	<	0.36	20.0	16.8	84		20.0	16.7	84		0.4			80	120	20
Xylenes, m + p	<	0.74	40.0	42.2	105		40.0	42.3	106		0.3			85	115	20	873324-007	<	0.74	40.0	30.1	75	N	40.0	30.2	75	N	0.3			78	124	20
a,a,a-Trifluorotoluene		100%	---	---	99		---	---	99		---			80	124	---	873324-007		100%	---	---	98		---	---	98		---			80	124	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 12289

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 873332
Lab Section: WETCHEM
QC Batch Number: 12261
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1901-011MB	WCG1901-011MB
LCS	WCG1901-011MBLCS	WCG1901-011MBLCS
MS	FB-001MS	873332-005MS
MS	873273-001MS	873273-001MS
MSD	FB-001MSD	873332-005MSD
MSD	873273-001MSD	873273-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-101	873332-001	MB
MW-12	873332-003	MB
FB-001	873332-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-103	873332-002	MB
DUP-001	873332-004	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.1	102.4		---	---	---		---		90	110	20	873273-001	<	0.0094	0.10	0.1	102.1		0.10	0.11	105.7		3.5		90	110	20
Cyanide, Total	<	0.0094	0.10	0.1	102.4		---	---	---		---		90	110	20	873332-005	<	0.0094	0.10	0.1	103.1		0.10	0.1	102.3		0.7		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 12261

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873332
Lab Section: WETCHEM
QC Batch Number: 12290
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1918-041MB	WCG1918-041MB
LCS	WCG1918-041MBLCS	WCG1918-041MBLCS
MS	FB-001MS	873332-005MS
MS	873302-010MS	873302-010MS
MSD	FB-001MSD	873332-005MSD
MSD	873302-010MSD	873302-010MSD

Client Sample ID	Lab Sample ID	MB ID
MW-101	873332-001	MB
MW-12	873332-003	MB
FB-001	873332-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-103	873332-002	MB
DUP-001	873332-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Nitrate	<	0.088	1.6	1.6	96.9		---	---	---		---		90	110	20	873302-010	<	0.088	1.6	1.6	101.2		1.6	1.6	101.2		0.0		90	110	20
Sulfate	<	0.77	16.0	15.1	94.6		---	---	---		---		90	110	20	873302-010		9.21	16.0	24	92.5		16.0	24.2	93.5		0.7		90	110	20
Chloride	<	0.82	20.0	18.3	91.7		---	---	---		---		90	110	20	873332-005		4.07	20.0	20.7	83.2	N	20.0	21.4	86.4	N	3.0		90	110	20
Fluoride	<	0.096	2.0	1.9	95.0		---	---	---		---		90	110	20	873332-005	<	0.096	2.0	2	98.5		2.0	2	101.5		3.0		90	110	20
Nitrogen, Nitrate	<	0.088	1.6	1.6	96.9		---	---	---		---		90	110	20	873332-005	<	0.088	1.6	1.6	98.8		1.6	1.6	101.9		3.1		90	110	20
Sulfate	<	0.77	16.0	15.1	94.6		---	---	---		---		90	110	20	873332-005		1.59	16.0	15.5	87.2	N	16.0	16	90.1		3.0		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 12290

Batch No. 873541

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

July 13, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the KEMC project (06W003). The samples were assigned to batch number 873541 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Tod Noltemeyer
Project Manager

Pace Analytical®

MASTER FILE COPY

Scope 06W003 Classification 10,500
Copy To JSK, SVD1

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 873541

Client: FOTH & VAN DYKE
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number:

Lab Sample Number	Field ID	Matrix	Collection Date
873541-001	MW7	WATER	06/29/06
873541-002	PW1	WATER	06/29/06
873541-003	DUP003	WATER	06/29/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Kay Khang
Approval Signature

7/13/06
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873541

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW7

Matrix Type : WATER
Collection Date : 06/29/06
Report Date : 07/11/06
Lab Sample Number : 873541-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	1.7	U	1.7	10	1	mg/L		07/05/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		07/05/06	SM 2320B	SM 2320B
Chloride	6.6		0.82	5.0	1	mg/L	A	06/30/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		07/07/06	EPA 335.4	EPA 335.4
Fluoride	0.21	B	0.096	0.50	1	mg/L		06/30/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		06/30/06	EPA 300.0	EPA 300.0
Sulfate	1300		77	400	100	mg/L		07/05/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 07/05/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Toluene	0.36	U	0.36	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	102		80	124	1	%		07/05/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 07/05/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873541

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW7

Matrix Type : WATER
Collection Date : 06/29/06
Report Date : 07/11/06
Lab Sample Number : 873541-001

PAH/PNA

Prep Date: 07/05/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.012	U	0.012	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	07/06/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	07/06/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Naphthalene	0.012	U	0.012	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		07/06/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	43		10	150	1	%		07/06/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	44		20	111	1	%		07/06/06	SW846 3510C	8270C-SIM
Terphenyl-d14	89		44	115	1	%		07/06/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873541

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : PW1

Matrix Type : WATER
Collection Date : 06/29/06
Report Date : 07/11/06
Lab Sample Number : 873541-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	120		1.7	10	1	mg/L		07/05/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		07/05/06	SM 2320B	SM 2320B
Chloride	4.7	B	0.82	5.0	1	mg/L	A	06/30/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		07/07/06	EPA 335.4	EPA 335.4
Fluoride	0.31	B	0.096	0.50	1	mg/L		06/30/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		06/30/06	EPA 300.0	EPA 300.0
Sulfate	48		0.77	4.0	1	mg/L		06/30/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 07/05/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Toluene	0.36	U	0.36	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Surrogate			LCL	UCL						
a,a,a-Trifluorotoluene	102		80	124	1	%		07/05/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 07/05/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873541

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : PW1

Matrix Type : WATER
Collection Date : 06/29/06
Report Date : 07/11/06
Lab Sample Number : 873541-002

PAH/PNA

Prep Date: 07/05/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.012	U	0.012	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	07/05/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	07/05/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Naphthalene	0.012	U	0.012	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	36		10	150	1	%		07/05/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	40		20	111	1	%		07/05/06	SW846 3510C	8270C-SIM
Terphenyl-d14	82		44	115	1	%		07/05/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873541

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP003

Matrix Type : WATER
Collection Date : 06/29/06
Report Date : 07/11/06
Lab Sample Number : 873541-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	110		1.7	10	1	mg/L		07/05/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		07/05/06	SM 2320B	SM 2320B
Chloride	4.5	B	0.82	5.0	1	mg/L	A	06/30/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		07/07/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		06/30/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		06/30/06	EPA 300.0	EPA 300.0
Sulfate	43		0.77	4.0	1	mg/L		06/30/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 07/05/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Toluene	0.36	U	0.36	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		07/05/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	102		80	124	1	%		07/05/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 07/05/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873541

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP003

Matrix Type : WATER
Collection Date : 06/29/06
Report Date : 07/11/06
Lab Sample Number : 873541-003

PAH/PNA

Prep Date: 07/05/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.012	U	0.012	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	07/05/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	07/05/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Naphthalene	0.012	U	0.012	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		07/05/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	42		10	150	1	%		07/05/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	46		20	111	1	%		07/05/06	SW846 3510C	8270C-SIM
Terphenyl-d14	91		44	115	1	%		07/05/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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Lab Number	TestGroupID	Field ID	Comment
873541	W-CL-W	All Samples	A - Analyte is detected in the method blank at a concentration of 2.5 mg/L for samples 001-003.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc
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July 10, 2006

Client Services
Pace Analytical Green Bay
1241 Bellevue Street
Suite 9
Green Bay, WI 54302

RE: Project: 873541 FOTH & VAN DYKE
Pace Project No.: 1034666

Dear Client Services:
Enclosed are the analytical results for sample(s) received by the laboratory on July 01, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paul Kirchberg for
Cory A Higbee
Cory.higbee@pacelabs.com
Project Coordinator

Illinois Certification #: 200011
Iowa Certification #: 368
Minnesota Certification #: 027-053-137
Wisconsin Certification #: 999407970

Enclosures

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 873541 FOTH & VAN DYKE
Pace Project No.: 1034666

Lab ID	Sample ID	Matrix	Date Collected	Date Received
873541001	MW7	Water	06/29/06 00:00	07/01/06 08:40
873541002	PW1	Water	06/29/06 00:00	07/01/06 08:40
873541003	DUP003	Water	06/29/06 00:00	07/01/06 08:40

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SAMPLE ANALYTE COUNT

Project: 873541 FOTH & VAN DYKE
Pace Project No.: 1034666

Lab ID	Sample ID	Method	Analytes Reported
873541001	MW7	EPA 6020	23
		EPA 7470	1
873541002	PW1	EPA 6020	23
		EPA 7470	1
873541003	DUP003	EPA 6020	23
		EPA 7470	1

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ANALYTICAL RESULTS

Project: 873541 FOTH & VAN DYKE
Pace Project No.: 1034666

Sample: MW7 **Lab ID: 873541001** Collected: 06/29/06 00:00 Received: 07/01/06 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	**72200**	ug/L	800	245	500	07/05/06 00:00	07/07/06 14:45	7429-90-5	
Antimony	**0.085J**	ug/L	0.13	0.039	1	07/05/06 00:00	07/06/06 16:29	7440-36-0	
Arsenic	ND	ug/L	12.0	3.5	100	07/05/06 00:00	07/07/06 14:33	7440-38-2	D3
Barium	**9.1**	ug/L	0.11	0.033	1	07/05/06 00:00	07/06/06 16:29	7440-39-3	
Beryllium	**14.5**	ug/L	0.057	0.017	1	07/05/06 00:00	07/06/06 16:29	7440-41-7	
Boron	**53.6**	ug/L	0.57	0.17	1	07/05/06 00:00	07/06/06 16:29	7440-42-8	
Cadmium	**4.1**	ug/L	0.057	0.017	1	07/05/06 00:00	07/06/06 16:29	7440-43-9	
Calcium	**115000**	ug/L	300	90.0	50	07/05/06 00:00	07/06/06 16:45	7440-70-2	
Chromium	**1.6**	ug/L	0.30	0.091	1	07/05/06 00:00	07/06/06 16:29	7440-47-3	
Cobalt	**451**	ug/L	2.9	0.87	100	07/05/06 00:00	07/07/06 14:33	7440-48-4	
Copper	**484**	ug/L	8.7	2.6	100	07/05/06 00:00	07/07/06 14:33	7440-50-8	
Iron	**153000**	ug/L	2100	630	100	07/05/06 00:00	07/07/06 14:33	7439-89-6	
Lead	**0.87**	ug/L	0.50	0.15	5	07/05/06 00:00	07/06/06 16:41	7439-92-1	
Lithium	**67.3**	ug/L	0.047	0.014	1	07/05/06 00:00	07/06/06 16:29	7439-93-2	
Magnesium	**65500**	ug/L	65.0	19.0	50	07/05/06 00:00	07/06/06 16:45	7439-95-4	
Manganese	**18500**	ug/L	16.0	4.7	100	07/05/06 00:00	07/07/06 14:33	7439-96-5	
Molybdenum	**0.49**	ug/L	0.11	0.034	1	07/05/06 00:00	07/06/06 16:29	7439-98-7	
Nickel	**1170**	ug/L	14.0	4.3	100	07/05/06 00:00	07/07/06 14:33	7440-02-0	
Potassium	**7570**	ug/L	150	45.5	5	07/05/06 00:00	07/06/06 16:41	7440-09-7	
Selenium	ND	ug/L	40.0	12.0	100	07/05/06 00:00	07/07/06 14:33	7782-49-2	D3
Silver	ND	ug/L	0.14	0.043	1	07/05/06 00:00	07/07/06 13:48	7440-22-4	
Sodium	**6240**	ug/L	55.0	17.0	5	07/05/06 00:00	07/06/06 16:41	7440-23-5	
Zinc	**752**	ug/L	100	30.0	100	07/05/06 00:00	07/07/06 14:33	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	07/05/06 00:00	07/06/06 14:09	7439-97-6	

Sample: PW1 **Lab ID: 873541002** Collected: 06/29/06 00:00 Received: 07/01/06 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	**82.2**	ug/L	1.6	0.49	1	07/05/06 00:00	07/06/06 16:49	7429-90-5	
Antimony	**0.060J**	ug/L	0.13	0.039	1	07/05/06 00:00	07/06/06 16:49	7440-36-0	
Arsenic	**1.4**	ug/L	0.12	0.035	1	07/05/06 00:00	07/06/06 16:49	7440-38-2	
Barium	**53.2**	ug/L	0.11	0.033	1	07/05/06 00:00	07/06/06 16:49	7440-39-3	
Beryllium	**8.3**	ug/L	0.057	0.017	1	07/05/06 00:00	07/06/06 16:49	7440-41-7	
Boron	**55.3**	ug/L	0.57	0.17	1	07/05/06 00:00	07/06/06 16:49	7440-42-8	
Cadmium	ND	ug/L	0.057	0.017	1	07/05/06 00:00	07/06/06 16:49	7440-43-9	
Calcium	**25100**	ug/L	300	90.0	50	07/05/06 00:00	07/06/06 16:57	7440-70-2	
Chromium	**3.2**	ug/L	0.30	0.091	1	07/05/06 00:00	07/06/06 16:49	7440-47-3	
Cobalt	**0.75**	ug/L	0.029	0.0087	1	07/05/06 00:00	07/06/06 16:49	7440-48-4	
Copper	**0.90**	ug/L	0.087	0.026	1	07/05/06 00:00	07/06/06 16:49	7440-50-8	
Iron	**12200**	ug/L	105	31.5	5	07/05/06 00:00	07/06/06 16:53	7439-89-6	

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ANALYTICAL RESULTS

Project: 873541 FOTH & VAN DYKE
Pace Project No.: 1034666

Sample: PW1 Lab ID: 873541002 Collected: 06/29/06 00:00 Received: 07/01/06 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Lead	**0.064J**	ug/L	0.10	0.030	1	07/05/06 00:00	07/06/06 16:49	7439-92-1	
Lithium	**0.10**	ug/L	0.047	0.014	1	07/05/06 00:00	07/06/06 16:49	7439-93-2	
Magnesium	**15500**	ug/L	65.0	19.0	50	07/05/06 00:00	07/06/06 16:57	7439-95-4	
Manganese	**2670**	ug/L	8.0	2.4	50	07/05/06 00:00	07/06/06 16:57	7439-96-5	
Molybdenum	**0.26**	ug/L	0.11	0.034	1	07/05/06 00:00	07/06/06 16:49	7439-98-7	
Nickel	**1.4**	ug/L	0.14	0.043	1	07/05/06 00:00	07/06/06 16:49	7440-02-0	
Potassium	**3840**	ug/L	150	45.5	5	07/05/06 00:00	07/06/06 16:53	7440-09-7	
Selenium	**0.20J**	ug/L	0.40	0.12	1	07/05/06 00:00	07/06/06 16:49	7782-49-2	
Silver	ND	ug/L	0.14	0.043	1	07/05/06 00:00	07/07/06 13:56	7440-22-4	
Sodium	**4530**	ug/L	55.0	17.0	5	07/05/06 00:00	07/06/06 16:53	7440-23-5	
Zinc	**3.7**	ug/L	1.0	0.30	1	07/05/06 00:00	07/06/06 16:49	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	07/05/06 00:00	07/06/06 14:13	7439-97-6	

Sample: DUP003 Lab ID: 873541003 Collected: 06/29/06 00:00 Received: 07/01/06 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	**80.4**	ug/L	1.6	0.49	1	07/05/06 00:00	07/06/06 17:22	7429-90-5	
Antimony	**0.049J**	ug/L	0.13	0.039	1	07/05/06 00:00	07/06/06 17:22	7440-36-0	
Arsenic	**1.4**	ug/L	0.12	0.035	1	07/05/06 00:00	07/07/06 14:00	7440-38-2	
Barium	**56.2**	ug/L	0.11	0.033	1	07/05/06 00:00	07/07/06 14:00	7440-39-3	
Beryllium	**8.0**	ug/L	0.057	0.017	1	07/05/06 00:00	07/06/06 17:22	7440-41-7	
Boron	**52.6**	ug/L	0.57	0.17	1	07/05/06 00:00	07/06/06 17:22	7440-42-8	
Cadmium	**0.025J**	ug/L	0.057	0.017	1	07/05/06 00:00	07/06/06 17:22	7440-43-9	
Calcium	**24800**	ug/L	300	90.0	50	07/05/06 00:00	07/06/06 17:30	7440-70-2	
Chromium	**1.9**	ug/L	0.30	0.091	1	07/05/06 00:00	07/06/06 17:22	7440-47-3	
Cobalt	**0.73**	ug/L	0.029	0.0087	1	07/05/06 00:00	07/06/06 17:22	7440-48-4	
Copper	**0.61**	ug/L	0.087	0.026	1	07/05/06 00:00	07/06/06 17:22	7440-50-8	
Iron	**12100**	ug/L	105	31.5	5	07/05/06 00:00	07/06/06 17:26	7439-89-6	
Lead	**0.081J**	ug/L	0.10	0.030	1	07/05/06 00:00	07/06/06 17:22	7439-92-1	
Lithium	**0.083**	ug/L	0.047	0.014	1	07/05/06 00:00	07/06/06 17:22	7439-93-2	
Magnesium	**15400**	ug/L	65.0	19.0	50	07/05/06 00:00	07/06/06 17:30	7439-95-4	
Manganese	**2610**	ug/L	8.0	2.4	50	07/05/06 00:00	07/06/06 17:30	7439-96-5	
Molybdenum	**0.28**	ug/L	0.11	0.034	1	07/05/06 00:00	07/07/06 14:00	7439-98-7	
Nickel	**0.83**	ug/L	0.14	0.043	1	07/05/06 00:00	07/06/06 17:22	7440-02-0	
Potassium	**3780**	ug/L	150	45.5	5	07/05/06 00:00	07/06/06 17:26	7440-09-7	
Selenium	**0.20J**	ug/L	0.40	0.12	1	07/05/06 00:00	07/06/06 17:22	7782-49-2	
Silver	ND	ug/L	0.14	0.043	1	07/05/06 00:00	07/07/06 14:00	7440-22-4	
Sodium	**4470**	ug/L	55.0	17.0	5	07/05/06 00:00	07/06/06 17:26	7440-23-5	
Zinc	**3.7**	ug/L	1.0	0.30	1	07/05/06 00:00	07/07/06 14:00	7440-66-6	

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ANALYTICAL RESULTS

Project: 873541 FOTH & VAN DYKE
Pace Project No.: 1034666

Sample: DUP003 **Lab ID: 873541003** Collected: 06/29/06 00:00 Received: 07/01/06 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	07/05/06 00:00	07/06/06 14:14	7439-97-6	

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QUALITY CONTROL DATA

Project: 873541 FOTH & VAN DYKE
Pace Project No.: 1034666

QC Batch: MPRP/6605 Analysis Method: EPA 6020
QC Batch Method: EPA 3020 Analysis Description: 6020 MET
Associated Lab Samples: 873541001, 873541002, 873541003

METHOD BLANK: 235456
Associated Lab Samples: 873541001, 873541002, 873541003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Silver	ug/L	0.054J	0.14	
Aluminum	ug/L	0.98J	1.6	
Arsenic	ug/L	ND	0.12	
Boron	ug/L	0.33J	0.57	
Barium	ug/L	0.035J	0.11	
Beryllium	ug/L	0.047J	0.057	
Calcium	ug/L	4.9J	6.0	
Cadmium	ug/L	ND	0.057	
Cobalt	ug/L	ND	0.029	
Chromium	ug/L	ND	0.30	
Copper	ug/L	0.036J	0.087	
Iron	ug/L	10J	21.0	
Potassium	ug/L	ND	30.0	
Lithium	ug/L	ND	0.047	
Magnesium	ug/L	0.68J	1.3	
Manganese	ug/L	ND	0.16	
Molybdenum	ug/L	ND	0.11	
Sodium	ug/L	ND	11.0	
Nickel	ug/L	ND	0.14	
Lead	ug/L	ND	0.10	
Antimony	ug/L	0.052J	0.13	
Selenium	ug/L	ND	0.40	
Zinc	ug/L	1.4	1.0	

LABORATORY CONTROL SAMPLE: 235457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Silver	ug/L	80	76.5	96	85-115	
Aluminum	ug/L	80	80.2	100	85-115	
Arsenic	ug/L	80	76.7	96	85-115	
Boron	ug/L	80	84.5	106	85-115	
Barium	ug/L	80	77.4	97	85-115	
Beryllium	ug/L	80	85.9	107	85-115	
Calcium	ug/L	1000	978	98	85-115	
Molybdenum	ug/L	80	80.4	100	85-115	
Cadmium	ug/L	80	75.8	95	85-115	
Zinc	ug/L	80	80.8	101	85-115	
Cobalt	ug/L	80	75.2	94	85-115	
Chromium	ug/L	80	82.3	103	85-115	
Copper	ug/L	80	74.7	93	85-115	
Iron	ug/L	1000	1080	108	85-115	

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Pace Analytical Services, Inc
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

QUALITY CONTROL DATA

Project: 873541 FOTH & VAN DYKE
Pace Project No.: 1034666

LABORATORY CONTROL SAMPLE: 235457

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Potassium	ug/L	1000	979	98	85-115	
Lithium	ug/L	80	84.0	105	85-115	
Magnesium	ug/L	1000	1130	113	85-115	
Manganese	ug/L	80	82.2	103	85-115	
Sodium	ug/L	1000	1020	102	85-115	
Nickel	ug/L	80	75.6	95	85-115	
Lead	ug/L	80	75.9	95	85-115	
Antimony	ug/L	80	80.7	101	85-115	
Selenium	ug/L	160	145	91	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235458 235459

Parameter	Units	873541001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Silver	ug/L	ND	80	80	61.8	65.2	77	81	70-130	5	20	
Aluminum	ug/L	72200	80	80	64400	62300	-9730	-12500	70-130	3	20	
Arsenic	ug/L	ND	80	80	72.6	91.9	87	111	70-130	24	20	R1
Boron	ug/L	53.6	80	80	161	157	134	130	70-130	2	20	M3
Barium	ug/L	9.1	80	80	85.1	81.7	95	91	70-130	4	20	
Cobalt	ug/L	451	80	80	519	529	85	98	70-130	2	20	
Beryllium	ug/L	14.5	80	80	104	101	112	108	70-130	4	20	
Copper	ug/L	484	80	80	548	562	79	97	70-130	3	20	
Calcium	ug/L	115000	1000	1000	105000	102000	-960	-1280	70-130	3	20	M3
Nickel	ug/L	1170	80	80	1230	1210	75	43	70-130	2	20	M3
Cadmium	ug/L	4.1	80	80	81.0	79.5	96	94	70-130	2	20	
Selenium	ug/L	ND	160	160	155	185	96	115	70-130	18	20	
Chromium	ug/L	1.6	80	80	81.7	79.7	100	98	70-130	3	20	
Zinc	ug/L	752	80	80	821	827	87	93	70-130	.6	20	
Iron	ug/L	153000	1000	1000	149000	146000	-368	-758	70-130	3	20	M3
Potassium	ug/L	7570	1000	1000	8790	8460	122	89	70-130	4	20	
Lithium	ug/L	67.3	80	80	173	167	132	124	70-130	4	20	M3
Magnesium	ug/L	65500	1000	1000	63300	61800	-224	-371	70-130	2	20	M3
Manganese	ug/L	18500	80	80	18800	18400	419	-136	70-130	2	20	M3
Molybdenum	ug/L	0.49	80	80	79.8	77.2	99	96	70-130	3	20	
Sodium	ug/L	6240	1000	1000	7280	7120	104	88	70-130	2	20	
Lead	ug/L	0.87	80	80	71.0	70.9	88	88	70-130	.2	20	
Antimony	ug/L	0.085J	80	80	78.7	80.8	98	101	70-130	3	20	

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Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

QUALITY CONTROL DATA

Project: 873541 FOTH & VAN DYKE
Pace Project No.: 1034666

QC Batch: MERP/1175 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 873541001, 873541002, 873541003

METHOD BLANK: 235603
Associated Lab Samples: 873541001, 873541002, 873541003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	ug/L	ND	0.20	

LABORATORY CONTROL SAMPLE: 235604

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.2	83	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 235742 235743

Parameter	Units	873541003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	4.5	4.5	90	91	70-130	.2	30	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

QUALIFIERS

Project: 873541 FOTH & VAN DYKE
Pace Project No.: 1034666

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
R1	RPD value was outside control limits.

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Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	873541-001	873541-002	873541-003
ALKALINITY, BICARB/CARB	B	B	B
ALUMINUM - DISSOLVED	M	M	M
ANTIMONY - DISSOLVED	M	M	M
ARSENIC - DISSOLVED	M	M	M
BARIUM - DISSOLVED	M	M	M
BERYLLIUM - DISSOLVED	M	M	M
BORON - DISSOLVED	M	M	M
BTEX	G	G	G
CADMIUM - DISSOLVED	M	M	M
CALCIUM - DISSOLVED	M	M	M
CHLORIDE	B	B	B
CHROMIUM - DISSOLVED	M	M	M
COBALT - DISSOLVED	M	M	M
COPPER - DISSOLVED	M	M	M
CYANIDE, TOTAL	B	B	B
FLUORIDE	B	B	B
IRON - DISSOLVED	M	M	M
LEAD - DISSOLVED	M	M	M
LITHIUM - DISSOLVED	M	M	M
MAGNESIUM - DISSOLVED	M	M	M
MANGANESE - DISSOLVED	M	M	M
MERCURY - DISSOLVED	M	M	M
MOLYBDENUM - DISSOLVED	M	M	M
NICKEL - DISSOLVED	M	M	M
NITROGEN, NITRATE	B	B	B
PAH/PNA	B	B	B
POTASSIUM - DISSOLVED	M	M	M
SELENIUM - DISSOLVED	M	M	M
SILVER - DISSOLVED	M	M	M
SODIUM - DISSOLVED	M	M	M
SULFATE	B	B	B
ZINC - DISSOLVED	M	M	M

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	999407970

Sample Condition Upon Receipt

Pace Analytical

Client Name: Foth + Van Dyke Project # 873541

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Commercial [ ] Pace Other_____

Custody Seal on Cooler/Box Present: [ ] yes [X] no Seals intact: [ ] yes [ ] no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: [ ] Bubble Wrap [X] Bubble Bags [ ] None [ ] Other_____

Thermometer Used IR Type of Ice: (Wet) Blue None [X] Samples on ice, cooling process has begun

Cooler Temperature 1°C Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: MP 6/30/06 LL 6/30/06

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	[X] Yes [ ] No [ ] N/A	1.
Chain of Custody Filled Out:	[X] Yes [ ] No [ ] N/A	2.
Chain of Custody Relinquished:	[X] Yes [ ] No [ ] N/A	3.
Sampler Name & Signature on COC:	[X] Yes [ ] No [ ] N/A	4.
Samples Arrived within Hold Time:	[X] Yes [ ] No [ ] N/A	5.
Short Hold Time Analysis (<72hr):	[X] Yes [ ] No [ ] N/A	6. Nitrate
Rush Turn Around Time Requested:	[ ] Yes [X] No [ ] N/A	7.
Sufficient Volume:	[X] Yes [ ] No [ ] N/A	8.
Correct Containers Used:	[X] Yes [ ] No [ ] N/A	9.
-Pace Containers Used:	[X] Yes [ ] No [ ] N/A	
Containers Intact:	[X] Yes [ ] No [ ] N/A	10.
Filtered volume received for Dissolved tests	[X] Yes [ ] No [ ] N/A	11.
Sample Labels match COC:	[X] Yes [ ] No [ ] N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	[X] Yes [ ] No [ ] N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	[X] Yes [ ] No [ ] N/A	MP
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	[ ] Yes [ ] No	Initial when completed
Samples checked for dechlorination:	[ ] Yes [X] No [ ] N/A	14.
Headspace in VOA Vials (>6mm):	[ ] Yes [X] No [ ] N/A	15.
Trip Blank Present:	[ ] Yes [X] No [ ] N/A	16.
Trip Blank Custody Seals Present	[ ] Yes [ ] No [X] N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: KLC for TP **Date:** 7/13/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Analytical

Page: 1 of 1

0951925

Section A Required Client Information:

Company:	Foth & Van Dyke
Address:	Green Bay, WI
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Jana Kesy
Copy To:	
Purchase Order No.:	
Project Name:	Humboldt Rd. II
Project Number:	

Section C Invoice Information:

Attention:	
Company Name:	Foth & Van Dyke
Address:	Green Bay, WI
Pace Quote Reference:	
Pace Project Manager:	Joe McHenry
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other_____

SITE LOCATION ☐GA ☐IL ☐IN ☒MI ☐MN ☐NC ☐OH ☐SC ☐WI ☐OTHER _____

Section D Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / -)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis:	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	MW7	WT	G			6/29/06	1630	11.9	9	3		2	3	1				N	1 Amber 250ml Acetic Preserved 2 40ml Clear HCl 3 40ml Amber HCl 4 250ml Amber Unpreserved 5 250ml Plastic H2SO4 6 250ml Plastic NaOH	N	231111
2	~~PW1~~ WT																				
3	PW1	WT	G			6/29/06	1122	15.3	9	3		2	3	1				N		N	231111
4	DUP003	WT	G			6/29/06			9	3		2	3	1				N		N	231111
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Additional Comments:

Ship Via FedEx
Air Bill No. 7904 5174 1161

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Andrew Maracchi / NTC	6/29/06	1715			

SAMPLE CONDITION

	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N	Y/N
Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andrew Maracchi

SIGNATURE of SAMPLER: ____ DATE Signed (MM / DD / YY)

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873541
Lab Section: WETCHEM
QC Batch Number: 12512
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1918-053MB	WCG1918-053MB
LCS	WCG1918-053MBLCS	WCG1918-053MBLCS
MS	873457-007MS	873457-007MS
MSD	873457-007MSD	873457-007MSD

Client Sample ID	Lab Sample ID	MB ID
MW7	873541-001	MB
DUP003	873541-003	MB

Client Sample ID	Lab Sample ID	MB ID
PW1	873541-002	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Chloride		2.5	20.00	19.6	98.1		---	---	---	---		90	110	20	873457-007		46.10	100.0	136.7	90.6		100.0	136.5	90.4		0.1		90	110	20
Fluoride	<	0.096	2.00	2.1	106.5		---	---	---	---		90	110	20	873457-007	<	0.48	10.0	10.1	101.0		10.0	10.1	101.0		0.0		90	110	20
Nitrogen, Nitrate	<	0.088	1.6	1.6	97.5		---	---	---	---		90	110	20	873457-007		0.65	8.0	8	91.9		8.0	8	92.5		0.6		90	110	20
Sulfate	<	0.77	16.00	16.3	101.8		---	---	---	---		90	110	20	873457-007		53.55	80.00	133.2	99.6		80.00	132.8	99.1		0.3		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12512

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873541
Lab Section: GAS
QC Batch Number: 12517
Prep Method: SW846 5030B
Analytical Method: SW846 M8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG1956-11MB	GG1956-11MB
LCS	GG1956-11MBLCS	GG1956-11MBLCS
LCSD	GG1956-11MBLCSD	GG1956-11MBLCSD
MS	872546-048MS	872546-048MS
MSD	872546-048MSD	872546-048MSD

Client Sample ID	Lab Sample ID	MB ID
MW7	873541-001	MB
DUP003	873541-003	MB

Client Sample ID	Lab Sample ID	MB ID
PW1	873541-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzene	<	0.14	20.0	20.9	104		20.0	20.6	103		1.5		85	115	20	872546-048		1.45	20.0	22.9	107		20.0	22.9	107		0.4		80	120	20
Ethylbenzene	<	0.4	20.0	21.3	107		20.0	20.9	105		1.8		85	115	20	872546-048		3.24	20.0	25.1	110		20.0	25	109		0.7		80	120	20
Toluene	<	0.36	20.0	21.2	106		20.0	20.9	104		1.5		85	115	20	872546-048	<	0.36	20.0	22.4	112		20.0	22.1	111		1.1		80	120	20
Xylene, o	<	0.36	20.0	20.9	105		20.0	20.6	103		1.4		85	115	20	872546-048	<	0.36	20.0	21.6	108		20.0	21.5	108		0.4		80	120	20
Xylenes, m + p	<	0.74	40.0	42.4	106		40.0	41.7	104		1.7		85	115	20	872546-048	<	0.74	40.0	44.5	111		40.0	44.4	111		0.4		78	124	20
a,a,a-Trifluorotoluene		102%	---	---	102		---	---	102		---		80	124	---	872546-048		102%	---	---	102		---	---	101		---		80	124	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12517

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873541
Lab Section: BNASIM
QC Batch Number: 12538
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-08MB	svog1945-08MB
LCS	svog1945-08LCS	svog1945-08LCS
LCSD	svog1945-08LCSD	svog1945-08LCSD
MS	873522-002MS	873522-002MS
MSD	873522-002MSD	873522-002MSD

Client Sample ID	Lab Sample ID	MB ID
MW7	873541-001	MB
DUP003	873541-003	MB

Client Sample ID	Lab Sample ID	MB ID
PW1	873541-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.18	89		0.20	0.19	93		4.2			40	126	23	873522-002	<	0.0088	200	0	0	N	200	0.2	0	N	0.0			56	113	24
Acenaphthylene	<	0.0086	0.20	0.17	87		0.20	0.18	91		4.3			39	127	24	873522-002	<	0.0088	200	0	0	N	200	0.2	0	N	0.0			56	115	24
Anthracene	<	0.012	0.20	0.18	91		0.20	0.19	93		1.5			39	139	27	873522-002	<	0.013	200	0	0	N	200	0.29	0	N	0.0			55	126	20
Benzo(a)anthracene	<	0.017	0.20	0.2	101		0.20	0.21	103		1.9			48	146	20	873522-002	<	0.017	200	0	0	N	200	0.39	0	N	0.0			45	150	20
Benzo(a)pyrene	<	0.019	0.20	0.18	91		0.20	0.19	93		2.6			61	136	20	873522-002	<	0.02	200	0	0	N	200	0.46	0	N	0.0			72	129	20
Benzo(b)fluoranthene	<	0.017	0.20	0.22	108		0.20	0.22	110		2.2			51	141	20	873522-002	<	0.017	200	0	0	N	200	0.39	0	N	0.0			72	134	20
Benzo(ghi)perylene	<	0.02	0.20	0.19	96		0.20	0.19	97		0.8			57	136	20	873522-002	<	0.021	200	0	0	N	200	0.48	0	N	0.0			72	128	20
Benzo(k)fluoranthene	<	0.02	0.20	0.18	91		0.20	0.19	95		4.2			61	149	20	873522-002	<	0.021	200	0	0	N	200	0.48	0	N	0.0			75	129	20
Chrysene	<	0.02	0.20	0.19	97		0.20	0.2	102		4.7			61	150	20	873522-002	<	0.021	200	0	0	N	200	0.47	0	N	0.0			71	136	20
Dibenz(a,h)anthracene	<	0.02	0.20	0.18	88		0.20	0.18	88		0.2			46	150	20	873522-002	<	0.02	200	0	0	N	200	0.47	0	N	0.0			43	150	20
Fluoranthene	<	0.016	0.20	0.21	106		0.20	0.22	109		2.5			48	145	20	873522-002	<	0.017	200	0	0	N	200	0.39	0	N	0.0			58	137	20
Fluorene	<	0.0096	0.20	0.19	95		0.20	0.19	97		2.1			40	131	25	873522-002	<	0.0098	200	0	0	N	200	0.23	0	N	0.0			56	121	21
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.18	92		0.20	0.19	93		1.7			54	143	20	873522-002	<	0.02	200	0	0	N	200	0.47	0	N	0.0			71	140	20
Naphthalene	<	0.013	0.20	0.16	81		0.20	0.17	86		6.0			45	131	30	873522-002		9.2	200	5.9	-2	N	200	5.6	-2	N	5.8			53	107	31
Phenanthrene	<	0.012	0.20	0.22	112		0.20	0.23	117		4.2			40	131	25	873522-002	<	0.012	200	0	0	N	200	0.28	0	N	0.0			58	138	20
Pyrene	<	0.015	0.20	0.23	114		0.20	0.23	114		0.2			55	135	20	873522-002	<	0.016	200	0	0	N	200	0.36	0	N	0.0			71	136	20
Nitrobenzene-d5		48%	—	—	58		—	—	62		—			10	150	—	873522-002		61%	—	—	0	F	—	—	0	F	—			10	150	—
2-Fluorobiphenyl		55%	—	—	67		—	—	71		—			20	111	—	873522-002		72%	—	—	0	F	—	—	0	F	—			20	111	—
Terphenyl-d14		83%	—	—	84		—	—	84		—			44	115	—	873522-002		90%	—	—	0	F	—	—	0	F	—			44	115	—

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12538

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873541
Lab Section: WETCHEM
QC Batch Number: 12565
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1901-036MB	WCG1901-036MB
LCS	WCG1901-036MBLCS	WCG1901-036MBLCS
MS	873650-002MS	873650-002MS
MS	PW1MS	873541-002MS
MSD	873650-002MSD	873650-002MSD
MSD	PW1MSD	873541-002MSD

Client Sample ID	Lab Sample ID	MB ID
MW7	873541-001	MB
DUP003	873541-003	MB

Client Sample ID	Lab Sample ID	MB ID
PW1	873541-002	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Cyanide, Total	< 0.0094	0.10	0.094	93.5		---	---	---		---		90	110	20	873541-002	< 0.0094	0.10	0.095	94.8		0.10	0.1	102.1		7.4		90	110	20
Cyanide, Total	< 0.0094	0.10	0.094	93.5		---	---	---		---		90	110	20	873650-002	< 0.0094	0.10	0.1	101.1		0.10	0.099	99.4		1.7		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12565

Batch No. 873390

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

July 19, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the KEMC project (06W003). The samples were assigned to batch number 873390 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Tod Noltemeyer
Project Manager

Pace Analytical®

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Scope 060003 Classification 10,500
Copy To JSK, SVD1

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 873390

Client: FOTH & VAN DYKE
Project Name: HUMBOLDT MILL
Project Number:

Lab Contact: Tod Noltemeyer

Lab Sample Number	Field ID	Matrix	Collection Date
873390-001	MW11'	WATER	06/26/06
873390-002	MW102'	WATER	06/26/06
873390-003	DUP002	WATER	06/26/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

7/19/06
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873390

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW11

Matrix Type : WATER
Collection Date : 06/26/06
Report Date : 07/14/06
Lab Sample Number : 873390-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	540		1.7	10	1	mg/L		06/29/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		06/29/06	SM 2320B	SM 2320B
Chloride	44		0.82	5.0	1	mg/L		06/27/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		06/29/06	EPA 335.4	EPA 335.4
Fluoride	0.57		0.096	0.50	1	mg/L		06/27/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.19	B	0.088	0.40	1	mg/L		06/27/06	EPA 300.0	EPA 300.0
Sulfate	1000		77	400	100	mg/L		06/28/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 06/29/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.42	J	0.14	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Toluene	1.8		0.36	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	101		80	124	1	%		06/29/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 06/28/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873390

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW11

Matrix Type : WATER
Collection Date : 06/26/06
Report Date : 07/14/06
Lab Sample Number : 873390-001

PAH/PNA

Prep Date: 06/28/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.012	U	0.012	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	06/29/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	06/29/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Naphthalene	0.015	J	0.012	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	84		10	150	1	%		06/29/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	83		20	111	1	%		06/29/06	SW846 3510C	8270C-SIM
Terphenyl-d14	93		44	115	1	%		06/29/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873390

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW102

Matrix Type : WATER
Collection Date : 06/26/06
Report Date : 07/14/06
Lab Sample Number : 873390-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	1.7	U	1.7	10	1	mg/L		06/29/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		06/29/06	SM 2320B	SM 2320B
Chloride	7.7		0.82	5.0	1	mg/L		06/27/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		06/29/06	EPA 335.4	EPA 335.4
Fluoride	1.2		0.096	0.50	1	mg/L		06/27/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.26	B	0.088	0.40	1	mg/L		06/27/06	EPA 300.0	EPA 300.0
Sulfate	7700		150	800	200	mg/L		06/28/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 06/29/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Toluene	0.60	J	0.36	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	101		80	124	1	%		06/29/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 06/28/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873390

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW102

Matrix Type : WATER
Collection Date : 06/26/06
Report Date : 07/14/06
Lab Sample Number : 873390-002

PAH/PNA

Prep Date: 06/28/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.012	U	0.012	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	06/29/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	06/29/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Fluoranthene	0.039	J	0.015	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Naphthalene	0.018	J	0.012	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Phenanthrene	0.025	J	0.011	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Pyrene	0.039	J	0.015	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	54		10	150	1	%		06/29/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	56		20	111	1	%		06/29/06	SW846 3510C	8270C-SIM
Terphenyl-d14	102		44	115	1	%		06/29/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873390

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP002

Matrix Type : WATER
Collection Date : 06/26/06
Report Date : 07/14/06
Lab Sample Number : 873390-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	540		1.7	10	1	mg/L		06/29/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		06/29/06	SM 2320B	SM 2320B
Chloride	43		0.82	5.0	1	mg/L		06/27/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		06/29/06	EPA 335.4	EPA 335.4
Fluoride	0.62		0.096	0.50	1	mg/L		06/27/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.17	B	0.088	0.40	1	mg/L		06/27/06	EPA 300.0	EPA 300.0
Sulfate	950		77	400	100	mg/L		06/28/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 06/29/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.41	J	0.14	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Toluene	1.7		0.36	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		06/29/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	101		80	124	1	%		06/29/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 06/28/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0083	J	0.0081	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873390

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP002

Matrix Type : WATER
Collection Date : 06/26/06
Report Date : 07/14/06
Lab Sample Number : 873390-003

PAH/PNA

Prep Date: 06/28/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.012	U	0.012	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	06/29/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	06/29/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Naphthalene	0.016	J	0.012	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		06/29/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	88		10	150	1	%		06/29/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	81		20	111	1	%		06/29/06	SW846 3510C	8270C-SIM
Terphenyl-d14	94		44	115	1	%		06/29/06	SW846 3510C	8270C-SIM

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	873390-001	873390-002	873390-003
ALKALINITY, BICARB/CARB	B	B	B
ALUMINUM - DISSOLVED	M	M	M
ANTIMONY - DISSOLVED	M	M	M
ARSENIC - DISSOLVED	M	M	M
BARIUM - DISSOLVED	M	M	M
BERYLLIUM - DISSOLVED	M	M	M
BORON - DISSOLVED	M	M	M
BTEX	G	G	G
CADMIUM - DISSOLVED	M	M	M
CALCIUM - DISSOLVED	M	M	M
CHLORIDE	B	B	B
CHROMIUM - DISSOLVED	M	M	M
COBALT - DISSOLVED	M	M	M
COPPER - DISSOLVED	M	M	M
CYANIDE, TOTAL	B	B	B
FLUORIDE	B	B	B
IRON - DISSOLVED	M	M	M
LEAD - DISSOLVED	M	M	M
LITHIUM - DISSOLVED	M	M	M
MAGNESIUM - DISSOLVED	M	M	M
MANGANESE - DISSOLVED	M	M	M
MERCURY - DISSOLVED	M	M	M
MOLYBDENUM - DISSOLVED	M	M	M
NICKEL - DISSOLVED	M	M	M
NITROGEN, NITRATE	B	B	B
PAH/PNA	B	B	B
POTASSIUM - DISSOLVED	M	M	M
SELENIUM - DISSOLVED	M	M	M
SILVER - DISSOLVED	M	M	M
SODIUM - DISSOLVED	M	M	M
SULFATE	B	B	B
ZINC - DISSOLVED	M	M	M

Code	Facility	Address	MI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	Not Certified
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	Not Certified

Pace Analytical Services, Inc.
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Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

July 12, 2006

Client Services
Pace Analytical Green Bay
1241 Bellevue Street
Suite 9
Green Bay, WI 54302

RE: Project: 873390 FOTH & VAN DYKE
Pace Project No.: 1034438

Dear Client Services:
Enclosed are the analytical results for sample(s) received by the laboratory on June 28, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Cory A Higbee

Cory.higbee@pacelabs.com
Project Coordinator

Illinois Certification #: 200011
Iowa Certification #: 368
Minnesota Certification #: 027-053-137
Wisconsin Certification #: 999407970

Enclosures

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SAMPLE SUMMARY

Project: 873390 FOTH & VAN DYKE
Pace Project No.: 1034438

Lab ID	Sample ID	Matrix	Date Collected	Date Received
873390001	MW-11	Water	06/26/06 00:00	06/28/06 09:25
873390002	MW-102	Water	06/26/06 00:00	06/28/06 09:25
873390003	DUP-002	Water	06/26/06 00:00	06/28/06 09:25

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SAMPLE ANALYTE COUNT

Project: 873390 FOTH & VAN DYKE
Pace Project No.: 1034438

Lab ID	Sample ID	Method	Analytes Reported
873390001	MW-11	EPA 6020	23
		EPA 7470	1
873390002	MW-102	EPA 6020	23
		EPA 7470	1
873390003	DUP-002	EPA 6020	23
		EPA 7470	1

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ANALYTICAL RESULTS

Project: 873390 FOTH & VAN DYKE
Pace Project No.: 1034438

Sample: MW-11 **Lab ID: 873390001** Collected: 06/26/06 00:00 Received: 06/28/06 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Aluminum	**483**	ug/L	20.0	5	06/29/06 00:00	07/05/06 15:24	7429-90-5	
Antimony	ND	ug/L	0.10	1	06/29/06 00:00	06/30/06 23:48	7440-36-0	
Arsenic	**11.0**	ug/L	0.20	1	06/29/06 00:00	06/30/06 23:48	7440-38-2	
Barium	**582**	ug/L	1.5	5	06/29/06 00:00	07/05/06 15:24	7440-39-3	
Beryllium	**2.6**	ug/L	1.0	5	06/29/06 00:00	07/05/06 15:24	7440-41-7	
Boron	**12.8**	ug/L	2.0	1	06/29/06 00:00	06/30/06 23:48	7440-42-8	
Cadmium	ND	ug/L	0.10	1	06/29/06 00:00	06/30/06 23:48	7440-43-9	
Calcium	**229000**	ug/L	10000	500	06/29/06 00:00	07/05/06 15:28	7440-70-2	
Chromium	**8.7**	ug/L	0.50	1	06/29/06 00:00	06/30/06 23:48	7440-47-3	
Cobalt	**10.3**	ug/L	0.10	1	06/29/06 00:00	06/30/06 23:48	7440-48-4	
Copper	**1.1**	ug/L	0.20	1	06/29/06 00:00	06/30/06 23:48	7440-50-8	
Iron	**331000**	ug/L	25000	500	06/29/06 00:00	07/05/06 15:28	7439-89-6	
Lead	ND	ug/L	0.10	1	06/29/06 00:00	06/30/06 23:48	7439-92-1	
Lithium	**2.0**	ug/L	0.10	1	06/29/06 00:00	06/30/06 23:48	7439-93-2	
Magnesium	**86100**	ug/L	250	50	06/29/06 00:00	07/01/06 00:04	7439-95-4	
Manganese	**21200**	ug/L	250	500	06/29/06 00:00	07/05/06 15:28	7439-96-5	
Molybdenum	**0.51**	ug/L	0.10	1	06/29/06 00:00	06/30/06 23:48	7439-98-7	
Nickel	**6.1**	ug/L	0.10	1	06/29/06 00:00	06/30/06 23:48	7440-02-0	
Potassium	**15000**	ug/L	1000	50	06/29/06 00:00	07/01/06 00:04	7440-09-7	
Selenium	**1.3**	ug/L	0.50	1	06/29/06 00:00	06/30/06 23:48	7782-49-2	
Silver	ND	ug/L	0.20	1	06/29/06 00:00	06/30/06 23:48	7440-22-4	
Sodium	**56500**	ug/L	2500	50	06/29/06 00:00	07/01/06 00:04	7440-23-5	
Zinc	**6.9**	ug/L	5.0	1	06/29/06 00:00	06/30/06 23:48	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	07/11/06 00:00	07/12/06 10:21	7439-97-6	

Sample: MW-102 **Lab ID: 873390002** Collected: 06/26/06 00:00 Received: 06/28/06 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Aluminum	**154000**	ug/L	20000	5000	06/29/06 00:00	07/05/06 15:53	7429-90-5	
Antimony	**3.0**	ug/L	0.10	1	06/29/06 00:00	07/01/06 00:28	7440-36-0	
Arsenic	**363**	ug/L	20.0	100	06/29/06 00:00	07/05/06 15:45	7440-38-2	
Barium	**1.3**	ug/L	0.30	1	06/29/06 00:00	07/01/06 00:28	7440-39-3	
Beryllium	**73.1**	ug/L	20.0	100	06/29/06 00:00	07/05/06 15:45	7440-41-7	
Boron	**64.3**	ug/L	2.0	1	06/29/06 00:00	07/01/06 00:28	7440-42-8	
Cadmium	**34.0**	ug/L	0.10	1	06/29/06 00:00	07/01/06 00:28	7440-43-9	
Calcium	**272000**	ug/L	4000	200	06/29/06 00:00	07/06/06 11:47	7440-70-2	
Chromium	**3600**	ug/L	25.0	50	06/29/06 00:00	07/01/06 00:37	7440-47-3	
Cobalt	**3010**	ug/L	10.0	100	06/29/06 00:00	07/05/06 15:45	7440-48-4	
Copper	**3920**	ug/L	20.0	100	06/29/06 00:00	07/05/06 15:45	7440-50-8	
Iron	**2080000**	ug/L	250000	5000	06/29/06 00:00	07/05/06 15:53	7439-89-6	
Lead	**0.91**	ug/L	0.10	1	06/29/06 00:00	07/01/06 00:28	7439-92-1	

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ANALYTICAL RESULTS

Project: 873390 FOTH & VAN DYKE
Pace Project No.: 1034438

Sample: MW-102 **Lab ID: 873390002** Collected: 06/26/06 00:00 Received: 06/28/06 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lithium	**366**	ug/L	20.0	200	06/29/06 00:00	07/06/06 11:47	7439-93-2	
Magnesium	**173000**	ug/L	500	100	06/29/06 00:00	07/05/06 15:45	7439-95-4	
Manganese	**15100**	ug/L	50.0	100	06/29/06 00:00	07/05/06 15:45	7439-96-5	
Molybdenum	**2.2**	ug/L	0.10	1	06/29/06 00:00	07/01/06 00:28	7439-98-7	
Nickel	**8010**	ug/L	10.0	100	06/29/06 00:00	07/05/06 15:45	7440-02-0	
Potassium	ND	ug/L	20.0	1	06/29/06 00:00	07/01/06 00:28	7440-09-7	
Selenium	ND	ug/L	50.0	100	06/29/06 00:00	07/05/06 15:45	7782-49-2	D3
Silver	**0.36**	ug/L	0.20	1	06/29/06 00:00	07/01/06 00:28	7440-22-4	
Sodium	**1600**	ug/L	50.0	1	06/29/06 00:00	07/01/06 00:28	7440-23-5	
Zinc	**3710**	ug/L	500	100	06/29/06 00:00	07/05/06 15:45	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	07/11/06 00:00	07/12/06 10:22	7439-97-6	

Sample: DUP-002 **Lab ID: 873390003** Collected: 06/26/06 00:00 Received: 06/28/06 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Aluminum	**487**	ug/L	20.0	5	06/29/06 00:00	07/05/06 15:57	7429-90-5	
Antimony	ND	ug/L	0.10	1	06/29/06 00:00	07/01/06 00:41	7440-36-0	
Arsenic	**10.5**	ug/L	0.20	1	06/29/06 00:00	07/01/06 00:41	7440-38-2	
Barium	**583**	ug/L	1.5	5	06/29/06 00:00	07/05/06 15:57	7440-39-3	
Beryllium	**2.6**	ug/L	1.0	5	06/29/06 00:00	07/05/06 15:57	7440-41-7	
Boron	**14.9**	ug/L	2.0	1	06/29/06 00:00	07/01/06 00:41	7440-42-8	
Cadmium	ND	ug/L	0.10	1	06/29/06 00:00	07/01/06 00:41	7440-43-9	
Calcium	**288000**	ug/L	10000	500	06/29/06 00:00	07/05/06 16:01	7440-70-2	
Chromium	**9.9**	ug/L	0.50	1	06/29/06 00:00	07/01/06 00:41	7440-47-3	
Cobalt	**10.5**	ug/L	0.10	1	06/29/06 00:00	07/01/06 00:41	7440-48-4	
Copper	**1.1**	ug/L	0.20	1	06/29/06 00:00	07/01/06 00:41	7440-50-8	
Iron	**417000**	ug/L	25000	500	06/29/06 00:00	07/05/06 16:01	7439-89-6	
Lead	ND	ug/L	0.10	1	06/29/06 00:00	07/01/06 00:41	7439-92-1	
Lithium	**2.4**	ug/L	1.0	10	06/29/06 00:00	07/06/06 11:51	7439-93-2	
Magnesium	**80600**	ug/L	250	50	06/29/06 00:00	07/01/06 00:49	7439-95-4	
Manganese	**26600**	ug/L	250	500	06/29/06 00:00	07/05/06 16:01	7439-96-5	
Molybdenum	**0.55**	ug/L	0.10	1	06/29/06 00:00	07/01/06 00:41	7439-98-7	
Nickel	**6.1**	ug/L	0.10	1	06/29/06 00:00	07/01/06 00:41	7440-02-0	
Potassium	**13300**	ug/L	200	10	06/29/06 00:00	07/06/06 11:51	7440-09-7	
Selenium	**1.2**	ug/L	0.50	1	06/29/06 00:00	07/01/06 00:41	7782-49-2	
Silver	ND	ug/L	0.20	1	06/29/06 00:00	07/01/06 00:41	7440-22-4	
Sodium	**54200**	ug/L	2500	50	06/29/06 00:00	07/01/06 00:49	7440-23-5	
Zinc	ND	ug/L	5.0	1	06/29/06 00:00	07/01/06 00:41	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	07/11/06 00:00	07/12/06 10:24	7439-97-6	

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QUALITY CONTROL DATA

Project: 873390 FOTH & VAN DYKE
Pace Project No.: 1034438

QC Batch: MPRP/6578 Analysis Method: EPA 6020
QC Batch Method: EPA 3020 Analysis Description: 6020 MET
Associated Lab Samples: 873390001, 873390002, 873390003

METHOD BLANK: 234124
Associated Lab Samples: 873390001, 873390002, 873390003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Silver	ug/L	ND	0.20	
Aluminum	ug/L	ND	4.0	
Arsenic	ug/L	ND	0.20	
Boron	ug/L	ND	2.0	
Barium	ug/L	ND	0.30	
Beryllium	ug/L	ND	0.20	
Calcium	ug/L	ND	20.0	
Cadmium	ug/L	ND	0.10	
Cobalt	ug/L	ND	0.10	
Chromium	ug/L	ND	0.50	
Copper	ug/L	ND	0.20	
Iron	ug/L	ND	50.0	
Potassium	ug/L	ND	20.0	
Lithium	ug/L	ND	0.10	
Magnesium	ug/L	ND	5.0	
Manganese	ug/L	13.9	0.50	
Molybdenum	ug/L	ND	0.10	
Sodium	ug/L	ND	50.0	
Nickel	ug/L	ND	0.10	
Lead	ug/L	ND	0.10	
Antimony	ug/L	ND	0.10	
Selenium	ug/L	ND	0.50	
Zinc	ug/L	ND	5.0	

LABORATORY CONTROL SAMPLE: 234125

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Silver	ug/L	80	82.4	103	85-115	
Beryllium	ug/L	80	76.8	96	85-115	
Lithium	ug/L	80	84.7	106	85-115	
Aluminum	ug/L	80	83.4	104	85-115	
Arsenic	ug/L	80	74.2	93	85-115	
Boron	ug/L	80	86.5	108	85-115	
Barium	ug/L	80	82.4	103	85-115	
Calcium	ug/L	1000	1000	100	85-115	
Cadmium	ug/L	80	79.4	99	85-115	
Cobalt	ug/L	80	77.3	97	85-115	
Chromium	ug/L	80	87.1	109	85-115	
Copper	ug/L	80	76.2	95	85-115	
Iron	ug/L	1000	1100	110	85-115	
Potassium	ug/L	1000	1010	101	85-115	

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Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

QUALITY CONTROL DATA

Project: 873390 FOTH & VAN DYKE
Pace Project No.: 1034438

LABORATORY CONTROL SAMPLE: 234125

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Magnesium	ug/L	1000	1050	105	85-115	
Manganese	ug/L	80	84.9	106	85-115	
Molybdenum	ug/L	80	76.9	96	85-115	
Sodium	ug/L	1000	1030	103	85-115	
Nickel	ug/L	80	78.1	98	85-115	
Lead	ug/L	80	78.0	98	85-115	
Antimony	ug/L	80	78.3	98	85-115	
Selenium	ug/L	160	146	91	85-115	
Zinc	ug/L	80	77.5	97	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 234126 234127

Parameter	Units	873390001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Silver	ug/L	ND	80	80	77.9	78.2	97	98	70-130	.3	20	
Beryllium	ug/L	2.6	80	80	87.3	86.6	106	105	70-130	.8	20	
Aluminum	ug/L	483	80	80	580	569	121	107	70-130	2	20	
Arsenic	ug/L	11.0	80	80	83.2	82.7	90	90	70-130	.6	20	
Boron	ug/L	12.8	80	80	93.5	96.6	101	105	70-130	3	20	
Barium	ug/L	582	80	80	641	649	73	83	70-130	1	20	
Calcium	ug/L	229000	1000	1000	222000	224000	-712	-492	70-130	1	20	M3
Cadmium	ug/L	ND	80	80	73.8	75.4	92	94	70-130	2	20	
Cobalt	ug/L	10.3	80	80	79.8	80.0	87	87	70-130	.4	20	
Chromium	ug/L	8.7	80	80	88.8	91.0	100	103	70-130	2	20	
Copper	ug/L	1.1	80	80	67.8	67.7	83	83	70-130	.1	20	
Iron	ug/L	331000	1000	1000	318000	323000	-1330	-816	70-130	2	20	M3
Potassium	ug/L	15000	1000	1000	14000	14300	-99	-72	70-130	2	20	M3
Lithium	ug/L	2.0	80	80	94.5	96.3	116	118	70-130	2	20	
Magnesium	ug/L	86100	1000	1000	81100	81700	-506	-446	70-130	.7	20	M3
Manganese	ug/L	21200	80	80	21100	21500	-131	346	70-130	2	20	M3
Molybdenum	ug/L	0.51	80	80	79.4	80.5	99	100	70-130	1	20	
Sodium	ug/L	56500	1000	1000	52600	53800	-390	-262	70-130	2	20	M3
Nickel	ug/L	6.1	80	80	75.7	75.4	87	87	70-130	.4	20	
Lead	ug/L	ND	80	80	75.7	77.2	95	96	70-130	2	20	
Antimony	ug/L	ND	80	80	78.2	79.1	98	99	70-130	1	20	
Selenium	ug/L	1.3	160	160	136	138	84	85	70-130	1	20	
Zinc	ug/L	6.9	80	80	74.8	75.6	85	86	70-130	1	20	

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Phone: (612)607-1700
Fax: (612)607-6444

QUALITY CONTROL DATA

Project: 873390 FOTH & VAN DYKE
Pace Project No.: 1034438

QC Batch: MERP/1180 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 873390001, 873390002, 873390003

METHOD BLANK: 237086
Associated Lab Samples: 873390001, 873390002, 873390003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	ug/L	ND	0.20	

LABORATORY CONTROL SAMPLE: 237087

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.7	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 237397 237398

Parameter	Units	873716002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	6.0	6.5	119	131	70-130	9	30	M0

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Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

QUALIFIERS

Project: 873390 FOTH & VAN DYKE
Pace Project No.: 1034438

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M0	Matrix spike recovery was outside laboratory control limits.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.

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Sample Condition Upon Receipt

Pace Analytical

Client Name: Foth Project # 873390

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Commercial [ ] Pace Other_____

Custody Seal on Cooler/Box Present: [ ] yes [X] no Seals intact: [ ] yes [ ] no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: [ ] Bubble Wrap [X] Bubble Bags [ ] None [ ] Other_____

Thermometer Used IR GUN Type of Ice: (Wet) Blue None [X] Samples on ice, cooling process has begun

Cooler Temperature 2 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C Comments:

Date and Initials of person examining contents CS 6/27/06
128 6/27/06

Chain of Custody Present:	[X] Yes [ ] No [ ] N/A	1.
Chain of Custody Filled Out:	[X] Yes [ ] No [ ] N/A	2. ND listed analyses
Chain of Custody Relinquished:	[X] Yes [ ] No [ ] N/A	3.
Sampler Name & Signature on COC:	[X] Yes [ ] No [ ] N/A	4.
Samples Arrived within Hold Time:	[X] Yes [ ] No [ ] N/A	5.
Short Hold Time Analysis (<72hr):	[X] Yes [ ] No [ ] N/A	6. NO_3 ✓
Rush Turn Around Time Requested:	[ ] Yes [X] No [ ] N/A	7.
Sufficient Volume:	[X] Yes [ ] No [ ] N/A	8.
Correct Containers Used:	[X] Yes [ ] No [ ] N/A	9.
-Pace Containers Used:	[X] Yes [ ] No [ ] N/A	
Containers Intact:	[X] Yes [ ] No [ ] N/A	10.
Filtered volume received for Dissolved tests	[X] Yes [ ] No [ ] N/A	11.
Sample Labels match COC:	[X] Yes [ ] No [ ] N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	[X] Yes [ ] No [ ] N/A	13. CN not correct pH. (pH=9)
All containers needing preservation are found to be in compliance with EPA recommendation.	[ ] Yes [X] No [ ] N/A	CS need to be adjusted
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	[ ] Yes [ ] No	Initial when completed
Samples checked for dechlorination:	[ ] Yes [X] No [ ] N/A	14.
Headspace in VOA Vials (>6mm):	[ ] Yes [X] No [ ] N/A	15.
Trip Blank Present:	[ ] Yes [X] No [ ] N/A	16.
Trip Blank Custody Seals Present	[ ] Yes [ ] No [X] N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: ② Per Tod N: NO_3
WC
Metals (Pace-MN, 1 bottle)
PAH
BTEX

Project Manager Review: WC for TP **Date:** 7/19/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

VLS

Page: 1 of 1

0951926

Pace Analytical®

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Foth & Van Dyke	Report To: Jana Kesy	Attention:
Address: Green Bay WI	Copy To:	Company Name: Foth & Van Dyke
		Address: Green Bay, WI
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone / Fax	Project Name: Humboldt Mill	Pace Project Manager: Tod Noltemeyer
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other_____

SITE LOCATION ☐GA ☐IL ☐IN ☒MI ☐MN ☐NC ☐OH ☐SC ☐WI ☐OTHER_____

Section D Required Client Information

SAMPLE ID

One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis:	Residual Chlorine (Y/N)	Pace Project Number: 873390
1	MW11-001	WT	G			6/26/06	1215	19.9	9	3		2	3	1				N	2 1 1 3 1 1		873390
2	MW102-002	WT	G			6/24/06	1040	18.6	9	3		2	3	1				Y	2 1 1 3 1 1		
3	DUP002-003	WT	G			6/24/06			9	3		2	3	1				Y	2 1 1 3 1 1		
4																		N			
5																		Y			
6																		Y			
7																		N			
8																		N			
9																		N			
10																		N			
11																		N			
12																		N			

Filtered (Y/N): N Y Y N N N

Requested Analysis: 1 Liter 1L Unpres; 1 Liter 1L HNO3 pH<2; 1 Liter 1L H2SO4 pH<2; 3 Vials 40mL HNO3 Metals; 1 Liter 1L HNO3 pH<2; 1 Liter 1L Unpres; 1 Liter 1L NaOH+Zn Acetate; 1 Liter 1L NaOH pH>12; 1 Liter 1L H2SO4 pH<2; 1 Liter 1L HNO3 pH<2

Residual Chlorine (Y/N): 2 1 1 3 1 1

Pace Project Number: 873390

BIL 3-40 AMB, mL 1 1 2 2 1 1 5 P(NaOH) 1 P(HNO3) 2 P(HNO3) 1 P(H2SO4) 1 P(HNO3)

Additional Comments:

Ship via FedEx

Air Bill # 7910 2636 2401

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Andrew Muraczewski/North Jnk	6/26/06	1700	FedEx		
FedEx	6/27	1000	C. Schuelein	6/27	1000

SAMPLE CONDITION

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
2	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andrew Muraczewski

SIGNATURE of SAMPLER: [signature] DATE Signed (MM / DD / YY)

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873390
Lab Section: WETCHEM
QC Batch Number: 12379
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1918-047MB	WCG1918-047MB
LCS	WCG1918-047MBLCS	WCG1918-047MBLCS
MS	873412-005MS	873412-005MS
MS	873316-001MS	873316-001MS
MSD	873412-005MSD	873412-005MSD
MSD	873316-001MSD	873316-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW11	873390-001	MB
DUP002	873390-003	MB

Client Sample ID	Lab Sample ID	MB ID
MW102	873390-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	0.82	20.000	18.6	92.8		---	---	---		---		90	110	20	873316-001	1824.0	2000.0	3749	96.2		2000.0	3657	91.7		2.5		90	110	20
Nitrogen, Nitrate	<	0.088	1.600	1.6	100.0		---	---	---		---		90	110	20	873316-001	15.00	160.0	162	91.9		160.0	163	92.5		0.6		90	110	20
Sulfate	<	0.77	16.000	15.4	96.0		---	---	---		---		90	110	20	873316-001	299.00	1600.0	1721	88.9	N	1600.0	1748	90.6		1.6		90	110	20
Chloride	<	0.82	20.000	18.6	92.8		---	---	---		---		90	110	20	873412-005	1067.0	1000.0	2036	96.9		1000.0	2012	94.5		1.2		90	110	20
Fluoride	<	0.096	2.0	2	99.5		---	---	---		---		90	110	20	873412-005	0.49	2.0	2.5	99.0		2.0	2.5	100.0		0.8		90	110	20
Nitrogen, Nitrate	<	0.088	1.6	1.6	100.0		---	---	---		---		90	110	20	873412-005	0.49	1.6	2.2	106.9		1.6	2.2	108.8		1.4		90	110	20
Sulfate	<	0.77	16.00	15.4	96.0		---	---	---		---		90	110	20	873412-005	75.90	160.0	228	95.1		160.0	227	94.4		0.4		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12379

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873390
Lab Section: WETCHEM
QC Batch Number: 12391
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1901-024MB	WCG1901-024MB
LCS	WCG1901-024MBLCS	WCG1901-024MBLCS
MS	DUP002MS	873390-003MS
MS	873389-001MS	873389-001MS
MS	873226-005MS	873226-005MS
MSD	DUP002MSD	873390-003MSD
MSD	873389-001MSD	873389-001MSD
MSD	873226-005MSD	873226-005MSD

Client Sample ID	Lab Sample ID	MB ID
MW11	873390-001	MB
DUP002	873390-003	MB

Client Sample ID	Lab Sample ID	MB ID
MW102	873390-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.091	91.3		—	—	—		—			90	110	20	873389-001	<	0.0094	0.10	0.037	36.9	N	0.10	0.05	49.8	N	29.8	*		90	110	20
Cyanide, Total	<	0.0094	0.10	0.091	91.3		—	—	—		—			90	110	20	873390-003	<	0.0094	0.10	0.1	101.1		0.10	0.1	101.7		0.6			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12391

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873390
Lab Section: GAS
QC Batch Number: 12406
Prep Method: SW846 5030B
Analytical Method: SW846 M8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG1923-98MB	GG1923-98MB
LCS	GG1923-98MBLCS	GG1923-98MBLCS
LCSD	GG1923-98MBLCSD	GG1923-98MBLCSD
MS	872546-036MS	872546-036MS
MSD	872546-036MSD	872546-036MSD

Client Sample ID	Lab Sample ID	MB ID
MW11	873390-001	MB
DUP002	873390-003	MB

Client Sample ID	Lab Sample ID	MB ID
MW102	873390-002	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzene	<	0.14	20.0	21.9	110		20.0	21.9	109		0.3		85	115	20	872546-036		1.39	20.0	23.5	110		20.0	23.4	110		0.3		80	120	20
Ethylbenzene	<	0.4	20.0	22	110		20.0	22.4	112		1.6		85	115	20	872546-036	<	0.4	20.0	22.8	114		20.0	22.8	114		0.1		80	120	20
Toluene	<	0.36	20.0	21.9	109		20.0	22.1	111		1.2		85	115	20	872546-036		2.68	20.0	24.8	111		20.0	24.8	111		0.1		80	120	20
Xylene, o	<	0.36	20.0	21.5	107		20.0	21.8	109		1.7		85	115	20	872546-036		0.769	20.0	22.6	109		20.0	22.6	109		0.2		80	120	20
Xylenes, m + p	<	0.74	40.0	43.8	109		40.0	44.5	111		1.8		85	115	20	872546-036		1.22	40.0	45.8	112		40.0	45.9	112		0.2		78	124	20
a,a,a-Trifluorotoluene		100%	—	—	100		—	—	101		—		80	124	—	872546-036		100%	—	—	100		—	—	100		—		80	124	—

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12406

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873390
Lab Section: BNASIM
QC Batch Number: 12436
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-04MB	svog1945-04MB
LCS	svog1945-04LCS	svog1945-04LCS
LCSD	svog1945-04LCSD	svog1945-04LCSD
MS	MW11MS	873390-001MS

Client Sample ID	Lab Sample ID	MB ID
MW11	873390-001	MB
DUP002	873390-003	MB

Client Sample ID	Lab Sample ID	MB ID
MW102	873390-002	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.2	100		0.20	0.17	85		16.8		40	126	23	—		—	—	—	—		—	—	—		—		—	—	—
Acenaphthylene	<	0.0086	0.20	0.21	103		0.20	0.17	87		16.8		39	127	24	—		—	—	—	—		—	—	—		—		—	—	—
Anthracene	<	0.012	0.20	0.2	98		0.20	0.17	83		15.8		39	139	27	—		—	—	—	—		—	—	—		—		—	—	—
Benzo(a)anthracene	<	0.017	0.20	0.25	125		0.20	0.24	122		2.5		48	146	20	—		—	—	—	—		—	—	—		—		—	—	—
Benzo(a)pyrene	<	0.019	0.20	0.21	106		0.20	0.21	103		2.7		61	136	20	—		—	—	—	—		—	—	—		—		—	—	—
Benzo(b)fluoranthene	<	0.017	0.20	0.25	126		0.20	0.25	124		1.9		51	141	20	—		—	—	—	—		—	—	—		—		—	—	—
Benzo(ghi)perylene	<	0.02	0.20	0.22	112		0.20	0.22	111		1.1		57	136	20	—		—	—	—	—		—	—	—		—		—	—	—
Benzo(k)fluoranthene	<	0.02	0.20	0.19	97		0.20	0.19	97		0.9		61	149	20	—		—	—	—	—		—	—	—		—		—	—	—
Chrysene	<	0.02	0.20	0.2	102		0.20	0.2	101		1.7		61	150	20	—		—	—	—	—		—	—	—		—		—	—	—
Dibenz(a,h)anthracene	<	0.02	0.20	0.25	126		0.20	0.25	124		2.0		46	150	20	—		—	—	—	—		—	—	—		—		—	—	—
Fluoranthene	<	0.016	0.20	0.24	118		0.20	0.22	109		7.6		48	145	20	—		—	—	—	—		—	—	—		—		—	—	—
Fluorene	<	0.0096	0.20	0.22	108		0.20	0.19	93		15.1		40	131	25	—		—	—	—	—		—	—	—		—		—	—	—
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.24	118		0.20	0.23	117		1.3		54	143	20	—		—	—	—	—		—	—	—		—		—	—	—
Naphthalene	<	0.013	0.20	0.19	93		0.20	0.16	79		16.7		45	131	30	—		—	—	—	—		—	—	—		—		—	—	—
Phenanthrene	<	0.012	0.20	0.25	123		0.20	0.22	111		10.7		40	131	25	—		—	—	—	—		—	—	—		—		—	—	—
Pyrene	<	0.015	0.20	0.24	119		0.20	0.23	113		5.3		55	135	20	—		—	—	—	—		—	—	—		—		—	—	—
Nitrobenzene-d5		75%	—	—	78		—	—	64		—		10	150	—	—		—	—	—	—		—	—	—		—		—	—	—
2-Fluorobiphenyl		89%	—	—	92		—	—	78		—		20	111	—	—		—	—	—	—		—	—	—		—		—	—	—
Terphenyl-d14		112%	—	—	112		—	—	107		—		44	115	—	—		—	—	—	—		—	—	—		—		—	—	—
Acenaphthene		—	0	—	—		—	—	—		—		—	—	—	873390-001	<	0.0082	0.19	0.18	97		—	—	—		—		40	126	23
Acenaphthylene		—	0	—	—		—	—	—		—		—	—	—	873390-001	<	0.0081	0.19	0.2	108		—	—	—		—		56	115	24

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12436

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Anthracene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.012	0.19	0.17	89		---	---	---		---		55	126	20
Benzo(a)anthracene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.016	0.19	0.24	126		---	---	---		---		45	150	20
Benzo(a)pyrene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.018	0.19	0.18	98		---	---	---		---		72	129	20
Benzo(b)fluoranthene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.016	0.19	0.22	118		---	---	---		---		72	134	20
Benzo(ghi)perylene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.019	0.19	0.2	105		---	---	---		---		72	128	20
Benzo(k)fluoranthene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.019	0.19	0.17	91		---	---	---		---		75	129	20
Chrysene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.019	0.19	0.18	96		---	---	---		---		71	136	20
Dibenz(a,h)anthracene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.019	0.19	0.22	114		---	---	---		---		43	150	20
Fluoranthene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.015	0.19	0.21	111		---	---	---		---		58	137	20
Fluorene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.0091	0.19	0.2	108		---	---	---		---		56	121	21
Indeno(1,2,3-cd)pyrene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.019	0.19	0.21	110		---	---	---		---		71	140	20
Naphthalene	---	0	---	---		---	---	---		---		---	---	---	873390-001		0.015	0.19	0.17	84		---	---	---		---		53	107	31
Phenanthrene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.011	0.19	0.22	117		---	---	---		---		58	138	20
Pyrene	---	0	---	---		---	---	---		---		---	---	---	873390-001	<	0.015	0.19	0.22	118		---	---	---		---		71	136	20
Nitrobenzene-d5	---	---	---	---		---	---	---		---		---	---	---	873390-001		84%	---	---	92		---	---	---		---		10	150	---
2-Fluorobiphenyl	---	---	---	---		---	---	---		---		---	---	---	873390-001		83%	---	---	89		---	---	---		---		20	111	---
Terphenyl-d14	---	---	---	---		---	---	---		---		---	---	---	873390-001		93%	---	---	100		---	---	---		---		44	115	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006

QC Batch Number: 12436

Batch No. 873650

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

July 19, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the KEMC project (06W003). The samples were assigned to batch number 873650 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Tod Noltemeyer
Project Manager

MASTER FILE COPY

Scope 06W003 Classification 10,500
Copy To JSK, SVD1

Pace Analytical®
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 873650

Client: FOTH & VAN DYKE
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
873650-001	MW-6	WATER	07/05/06
873650-002	PW-2	WATER	07/05/06
873650-003	TRIP BLANK02	WATER	07/05/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

7/19/06
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873650

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-6

Matrix Type : WATER
Collection Date : 07/05/06
Report Date : 07/17/06
Lab Sample Number : 873650-001

BTEX

Prep Date: 07/10/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	1.0		0.14	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Toluene	17		0.36	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Xylene, o	0.83	J	0.36	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	J	0.74	2.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	104		80	124	1	%		07/10/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 07/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	07/07/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	07/07/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Naphthalene	0.017	J	0.012	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	40		10	150	1	%		07/07/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	46		20	111	1	%		07/07/06	SW846 3510C	8270C-SIM
Terphenyl-d14	70		44	115	1	%		07/07/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873650

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-2

Matrix Type : WATER
Collection Date : 07/05/06
Report Date : 07/17/06
Lab Sample Number : 873650-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	140		3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Carbonate Alkalinity	3.7	U	3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Chloride	4.3	B	0.82	5.0	1	mg/L		07/06/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		07/07/06	EPA 335.4	EPA 335.4
Fluoride	0.33	B	0.096	0.50	1	mg/L		07/06/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.48		0.088	0.40	1	mg/L		07/06/06	EPA 300.0	EPA 300.0
Sulfate	180		7.7	40	10	mg/L		07/10/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 07/10/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Toluene	1.9		0.36	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	101		80	124	1	%		07/10/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 07/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L	N	07/07/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L	N	07/07/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873650

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-2

Matrix Type : WATER
Collection Date : 07/05/06
Report Date : 07/17/06
Lab Sample Number : 873650-002

PAH/PNA — **Prep Date:** 07/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.012	U	0.012	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	07/07/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	07/07/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L	N	07/07/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Naphthalene	0.012	U	0.012	0.047	1	ug/L	N	07/07/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		07/07/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	29		10	150	1	%		07/07/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	37		20	111	1	%		07/07/06	SW846 3510C	8270C-SIM
Terphenyl-d14	84		44	115	1	%		07/07/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873650

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK02

Matrix Type : WATER
Collection Date : 07/05/06
Report Date : 07/17/06
Lab Sample Number : 873650-003

BTEX — Prep Date: 07/10/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Toluene	0.36	U	0.36	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		07/10/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	102		80	124	1	%		07/10/06	SW846 5030B	SW846 M8021

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

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Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

July 14, 2006

Client Services
Pace Analytical Green Bay
1241 Bellevue Street
Suite 9
Green Bay, WI 54302

RE: Project: 873650 FOTH & VAN DYKE
Pace Project No.: 1034824

Dear Client Services:
Enclosed are the analytical results for sample(s) received by the laboratory on July 07, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Cory A Higbee

Cory.higbee@pacelabs.com
Project Coordinator

Illinois Certification #: 200011
Iowa Certification #: 368
Minnesota Certification #: 027-053-137
Wisconsin Certification #: 999407970

Enclosures

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SAMPLE SUMMARY

Project: 873650 FOTH & VAN DYKE
Pace Project No.: 1034824

Lab ID	Sample ID	Matrix	Date Collected	Date Received
873650002	PW-2	Water	07/05/06 00:00	07/07/06 08:45

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SAMPLE ANALYTE COUNT

Project: 873650 FOTH & VAN DYKE
Pace Project No.: 1034824

Lab ID	Sample ID	Method	Analytes Reported
873650002	PW-2	EPA 6020	23
		EPA 7470	1

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ANALYTICAL RESULTS

Project: 873650 FOTH & VAN DYKE
Pace Project No.: 1034824

Sample: PW-2 **Lab ID: 873650002** Collected: 07/05/06 00:00 Received: 07/07/06 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	**15.6**	ug/L	1.6	0.49	1	07/10/06 00:00	07/11/06 16:23	7429-90-5	
Antimony	**0.14**	ug/L	0.13	0.039	1	07/10/06 00:00	07/11/06 16:23	7440-36-0	
Arsenic	**0.30**	ug/L	0.12	0.035	1	07/10/06 00:00	07/11/06 16:23	7440-38-2	
Barium	**20.4**	ug/L	0.11	0.033	1	07/10/06 00:00	07/11/06 16:23	7440-39-3	
Beryllium	**11.0**	ug/L	0.057	0.017	1	07/10/06 00:00	07/13/06 14:09	7440-41-7	
Boron	**72.3**	ug/L	0.57	0.17	1	07/10/06 00:00	07/11/06 16:23	7440-42-8	
Cadmium	**1.5**	ug/L	0.057	0.017	1	07/10/06 00:00	07/11/06 16:23	7440-43-9	
Calcium	**67300**	ug/L	300	90.0	50	07/10/06 00:00	07/11/06 16:39	7440-70-2	
Chromium	**0.43**	ug/L	0.30	0.091	1	07/10/06 00:00	07/11/06 16:23	7440-47-3	
Cobalt	**19.1**	ug/L	0.029	0.0087	1	07/10/06 00:00	07/11/06 16:23	7440-48-4	
Copper	**2.3**	ug/L	0.087	0.026	1	07/10/06 00:00	07/11/06 16:23	7440-50-8	
Iron	**335**	ug/L	21.0	6.3	1	07/10/06 00:00	07/11/06 16:23	7439-89-6	
Lead	**0.11**	ug/L	0.10	0.030	1	07/10/06 00:00	07/11/06 16:23	7439-92-1	
Lithium	**8.8**	ug/L	0.047	0.014	1	07/10/06 00:00	07/13/06 14:09	7439-93-2	
Magnesium	**34900**	ug/L	65.0	19.0	50	07/10/06 00:00	07/11/06 16:39	7439-95-4	
Manganese	**382**	ug/L	0.80	0.24	5	07/10/06 00:00	07/11/06 16:35	7439-96-5	
Molybdenum	**0.59**	ug/L	0.11	0.034	1	07/10/06 00:00	07/11/06 16:23	7439-98-7	
Nickel	**58.1**	ug/L	0.14	0.043	1	07/10/06 00:00	07/11/06 16:23	7440-02-0	
Potassium	**3600**	ug/L	150	45.5	5	07/10/06 00:00	07/11/06 16:35	7440-09-7	
Selenium	**0.21J**	ug/L	0.40	0.12	1	07/10/06 00:00	07/11/06 16:23	7782-49-2	
Silver	ND	ug/L	0.14	0.043	1	07/10/06 00:00	07/13/06 14:09	7440-22-4	
Sodium	**3900**	ug/L	55.0	17.0	5	07/10/06 00:00	07/11/06 16:35	7440-23-5	
Zinc	**33.7**	ug/L	1.0	0.30	1	07/10/06 00:00	07/11/06 16:23	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	07/11/06 00:00	07/12/06 10:25	7439-97-6	

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QUALITY CONTROL DATA

Project: 873650 FOTH & VAN DYKE
Pace Project No.: 1034824

QC Batch: MPRP/6644
QC Batch Method: EPA 3020
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Associated Lab Samples: 873650002

METHOD BLANK: 236926
Associated Lab Samples: 873650002

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Aluminum	ug/L	0.99J	1.6	
Silver	ug/L	ND	0.14	
Lithium	ug/L	ND	0.047	
Arsenic	ug/L	ND	0.12	
Boron	ug/L	0.52J	0.57	
Barium	ug/L	0.037J	0.11	
Calcium	ug/L	ND	6.0	
Cadmium	ug/L	ND	0.057	
Cobalt	ug/L	ND	0.029	
Chromium	ug/L	ND	0.30	
Copper	ug/L	ND	0.087	
Iron	ug/L	8.2J	21.0	
Potassium	ug/L	ND	30.0	
Magnesium	ug/L	0.53J	1.3	
Manganese	ug/L	ND	0.16	
Molybdenum	ug/L	ND	0.11	
Sodium	ug/L	ND	11.0	
Nickel	ug/L	ND	0.14	
Lead	ug/L	0.083J	0.10	
Antimony	ug/L	ND	0.13	
Selenium	ug/L	ND	0.40	
Zinc	ug/L	ND	1.0	

LABORATORY CONTROL SAMPLE: 236927

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Silver	ug/L	80	84.7	106	85-115	
Aluminum	ug/L	80	76.9	96	85-115	
Arsenic	ug/L	80	75.7	95	85-115	
Beryllium	ug/L	80	81.1	101	85-115	
Boron	ug/L	80	73.8	92	85-115	
Lithium	ug/L	80	81.0	101	85-115	
Barium	ug/L	80	76.4	95	85-115	
Calcium	ug/L	1000	972	97	85-115	
Cadmium	ug/L	80	75.0	94	85-115	
Cobalt	ug/L	80	75.6	95	85-115	
Chromium	ug/L	80	74.5	93	85-115	
Copper	ug/L	80	75.9	95	85-115	
Iron	ug/L	1000	997	100	85-115	
Potassium	ug/L	1000	961	96	85-115	
Magnesium	ug/L	1000	993	99	85-115	

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QUALITY CONTROL DATA

Project: 873650 FOTH & VAN DYKE
Pace Project No.: 1034824

LABORATORY CONTROL SAMPLE: 236927

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese	ug/L	80	73.7	92	85-115	
Molybdenum	ug/L	80	75.5	94	85-115	
Sodium	ug/L	1000	970	97	85-115	
Nickel	ug/L	80	76.9	96	85-115	
Lead	ug/L	80	75.8	95	85-115	
Antimony	ug/L	80	79.7	100	85-115	
Selenium	ug/L	160	151	94	85-115	
Zinc	ug/L	80	74.1	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 236928 236929

Parameter	Units	873650002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Silver	ug/L	ND	80	80	63.4	68.2	79	85	70-130	7	20	
Aluminum	ug/L	15.6	80	80	90.2	95.2	93	99	70-130	5	20	
Arsenic	ug/L	0.30	80	80	73.7	76.7	92	95	70-130	4	20	
Beryllium	ug/L	11.0	80	80	95.4	93.8	106	104	70-130	2	20	
Boron	ug/L	72.3	80	80	157	158	105	107	70-130	.7	20	
Lithium	ug/L	8.8	80	80	91.3	90.4	103	102	70-130	1	20	
Barium	ug/L	20.4	80	80	94.1	94.6	92	93	70-130	.6	20	
Calcium	ug/L	67300	1000	1000	62800	64300	-446	-296	70-130	2	20	1M
Cadmium	ug/L	1.5	80	80	74.3	74.8	91	92	70-130	.7	20	
Cobalt	ug/L	19.1	80	80	92.3	96.7	92	97	70-130	5	20	
Chromium	ug/L	0.43	80	80	74.0	74.1	92	92	70-130	.05	20	
Copper	ug/L	2.3	80	80	73.9	75.0	89	91	70-130	1	20	
Iron	ug/L	335	1000	1000	1330	1350	100	102	70-130	1	20	
Potassium	ug/L	3600	1000	1000	4550	4560	95	96	70-130	.08	20	
Magnesium	ug/L	34900	1000	1000	33400	34700	-151	-26	70-130	4	20	1M
Manganese	ug/L	382	80	80	457	463	94	102	70-130	1	20	
Molybdenum	ug/L	0.59	80	80	77.4	77.2	96	96	70-130	.3	20	
Sodium	ug/L	3900	1000	1000	4830	4960	92	106	70-130	3	20	
Nickel	ug/L	58.1	80	80	132	135	92	96	70-130	2	20	
Lead	ug/L	0.11	80	80	73.7	75.9	92	95	70-130	3	20	
Antimony	ug/L	0.14	80	80	81.7	83.0	102	104	70-130	2	20	
Selenium	ug/L	0.21J	160	160	145	152	90	95	70-130	5	20	
Zinc	ug/L	33.7	80	80	109	110	94	96	70-130	1	20	

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QUALITY CONTROL DATA

Project: 873650 FOTH & VAN DYKE
Pace Project No.: 1034824

QC Batch: MERP/1180
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Associated Lab Samples: 873650002

METHOD BLANK: 237086
Associated Lab Samples: 873650002

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	ug/L	ND	0.20	

LABORATORY CONTROL SAMPLE: 237087

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.7	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 237397 237398

Parameter	Units	873716002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	6.0	6.5	119	131	70-130	9	30	M0

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 873650 FOTH & VAN DYKE
Pace Project No.: 1034824

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

ANALYTE QUALIFIERS

M0	Matrix spike recovery was outside laboratory control limits.
1M	Matrix spike recovery was outside laboratory control limits due to high concentration in parent sample.

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Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	873650-001	873650-002	873650-003
ALKALINITY, BICARB/CARB		B	
ALUMINUM - DISSOLVED		M	
ANTIMONY - DISSOLVED		M	
ARSENIC - DISSOLVED		M	
BARIUM - DISSOLVED		M	
BERYLLIUM - DISSOLVED		M	
BORON - DISSOLVED		M	
BTEX	G	G	G
CADMIUM - DISSOLVED		M	
CALCIUM - DISSOLVED		M	
CHLORIDE		B	
CHROMIUM - DISSOLVED		M	
COBALT - DISSOLVED		M	
COPPER - DISSOLVED		M	
CYANIDE, TOTAL		B	
FLUORIDE		B	
IRON - DISSOLVED		M	
LEAD - DISSOLVED		M	
LITHIUM - DISSOLVED		M	
MAGNESIUM - DISSOLVED		M	
MANGANESE - DISSOLVED		M	
MERCURY - DISSOLVED		M	
MOLYBDENUM - DISSOLVED		M	
NICKEL - DISSOLVED		M	
NITROGEN, NITRATE		B	
PAH/PNA	B	B	
POTASSIUM - DISSOLVED		M	
SELENIUM - DISSOLVED		M	
SILVER - DISSOLVED		M	
SODIUM - DISSOLVED		M	
SULFATE		B	
ZINC - DISSOLVED		M	

Code	Facility	Address	MI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	Not Certified
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	Not Certified

Sample Condition Upon Receipt

Pace Analytical

Client Name: Foth Project # 873650

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Commercial [ ] Pace Other_____

Custody Seal on Cooler/Box Present: [ ] yes [X] no Seals intact: [ ] yes [ ] no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: [ ] Bubble Wrap [X] Bubble Bags [ ] None [ ] Other_____

Thermometer Used NA Type of Ice: (Wet) Blue None [X] Samples on ice, cooling process has begun

Cooler Temperature 20.1 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: CS 7/6/06 LI 7/6/06

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	[X]Yes [ ]No [ ]N/A	1.
Chain of Custody Filled Out:	[X]Yes [ ]No [ ]N/A	2.
Chain of Custody Relinquished:	[X]Yes [ ]No [ ]N/A	3.
Sampler Name & Signature on COC:	[X]Yes [ ]No [ ]N/A	4.
Samples Arrived within Hold Time:	[X]Yes [ ]No [ ]N/A	5.
Short Hold Time Analysis (<72hr):	[X]Yes [ ]No [ ]N/A	6. NO_3
Rush Turn Around Time Requested:	[X]Yes [ ]No [ ]N/A	7. 5 day TAT
Sufficient Volume:	[X]Yes [ ]No [ ]N/A	8.
Correct Containers Used:	[X]Yes [ ]No [ ]N/A	9.
-Pace Containers Used:	[X]Yes [ ]No [ ]N/A	
Containers Intact:	[X]Yes [ ]No [ ]N/A	10.
Filtered volume received for Dissolved tests	[X]Yes [ ]No [ ]N/A	11.
Sample Labels match COC:	[X]Yes [ ]No [ ]N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	[X]Yes [ ]No [ ]N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	[X]Yes [ ]No [ ]N/A	CS
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	[ ]Yes [ ]No	Initial when completed
Samples checked for dechlorination:	[ ]Yes [X]No [ ]N/A	14.
Headspace in VOA Vials (>6mm):	[ ]Yes [X]No [ ]N/A	15.
Trip Blank Present:	[X]Yes [ ]No [ ]N/A	16.
Trip Blank Custody Seals Present	[X]Yes [ ]No [ ]N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: VLA for TP **Date:** 7/19/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Page: of 0992433

Section A — Required Client Information:

Company: Forth & VanLyke	
Address: Green Bay WI	
Email To:	
Phone:	Fax:
Requested Due Date/TAT: 5 day	

Section B — Required Project Information:

Report To: Jan Sikes-y	
Copy To:	
Purchase Order No.:	
Project Name: Hummel St Mill	
Project Number:	

Section C — Invoice Information:

Attention:	
Company Name: Forth & VanLyke	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other_____

SITE LOCATION ☐GA ☐IL ☐IN ☑MI ☐MN ☐NC ☐OH ☐SC ☐WI ☐OTHER _____

Section D — Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE)	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis:	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	MW-E	WT	G			7-5-06	1230	Nm	4	1			2					N	1	N	1L Amb 8-40ml
2	PW-2	WT	G			7-5-06	1410	RT	9	3		2	3	1	1-600 (HNO3)			N	2	N	1L Plastic Amb, Plastic 8-40ml
3	TRIP BLANK 02	WT	G						2				2					N	1	N	8-40ml
4	Temperature Blank	WT							0												
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

Pace Project Number: 8736450

Additional Comments:

Shipped via FedEx
7904 9140 1140

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Dan Wittala / [illegible]	7-5-06	1800	FedEx		
FedEx	7/6	1015	C. Schlueter	7/6	1015

SAMPLE CONDITION

	Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
	001	Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N
		Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Dan Wittala

SIGNATURE of SAMPLER: DATE Signed (MM / DD / YY)

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873650
Lab Section: WETCHEM
QC Batch Number: 12565
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1901-036MB	WCG1901-036MB
LCS	WCG1901-036MBLCS	WCG1901-036MBLCS
MS	PW-2MS	873650-002MS
MS	873541-002MS	873541-002MS
MSD	PW-2MSD	873650-002MSD
MSD	873541-002MSD	873541-002MSD

Client Sample ID	Lab Sample ID	MB ID
PW-2	873650-002	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.094	93.5		---	---	---		---			90	110	20	873541-002	<	0.0094	0.10	0.095	94.8		0.10	0.1	102.1		7.4			90	110	20
Cyanide, Total	<	0.0094	0.10	0.094	93.5		---	---	---		---			90	110	20	873650-002	<	0.0094	0.10	0.1	101.1		0.10	0.099	99.4		1.7			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12565

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 873650
Lab Section: WETCHEM
QC Batch Number: 12577
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1918-055MB	WCG1918-055MB
LCS	WCG1918-055MBLCS	WCG1918-055MBLCS
MS	873498-012MS	873498-012MS
MS	873498-002MS	873498-002MS
MSD	873498-012MSD	873498-012MSD
MSD	873498-002MSD	873498-002MSD

Client Sample ID	Lab Sample ID	MB ID
PW-2	873650-002	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	0.82	20.0	19.8	99.1		---	---	---		---		90	110	20	873498-002		5.41	20.0	23.7	91.3		20.0	23.6	90.8		0.4		90	110	20
Fluoride	<	0.096	2.0	2.1	107.0		---	---	---		---		90	110	20	873498-002	<	0.096	2.0	2.2	108.5		2.0	2.1	107.0		1.4		90	110	20
Nitrogen, Nitrate	<	0.088	1.6	1.7	105.6		---	---	---		---		90	110	20	873498-002		0.41	1.6	2	99.4		1.6	1.9	94.4		4.1		90	110	20
Sulfate	<	0.77	16.0	16.5	103.2		---	---	---		---		90	110	20	873498-002		1.68	16.0	16.6	93.1		16.0	16.6	92.9		0.2		90	110	20
Sulfate	<	0.77	16.0	16.5	103.2		---	---	---		---		90	110	20	873498-012		1.64	16.0	16.3	91.7		16.0	16.4	92.2		0.6		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12577

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873650
Lab Section: BNASIM
QC Batch Number: 12592
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-09MB	svog1945-09MB
LCS	svog1945-09LCS	svog1945-09LCS
LCSD	svog1945-09LCSD	svog1945-09LCSD
MS	PW-2MS	873650-002MS

Client Sample ID	Lab Sample ID	MB ID
MW-6	873650-001	MB

Client Sample ID	Lab Sample ID	MB ID
PW-2	873650-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.18	89		0.20	0.17	86		3.2		40	126	23	---		---	---	---	---		---	---	---		---		---	---	---
Acenaphthylene	<	0.0086	0.20	0.18	88		0.20	0.17	86		2.2		39	127	24	---		---	---	---	---		---	---	---		---		---	---	---
Anthracene	<	0.012	0.20	0.17	86		0.20	0.17	84		3.1		39	139	27	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(a)anthracene	<	0.017	0.20	0.2	98		0.20	0.2	99		0.9		48	146	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(a)pyrene	<	0.019	0.20	0.17	86		0.20	0.17	86		0.2		61	136	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.2	101		0.20	0.21	104		2.8		51	141	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(ghi)perylene	<	0.02	0.20	0.16	81		0.20	0.16	81		0.1		57	136	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.19	94		0.20	0.18	91		3.7		61	149	20	---		---	---	---	---		---	---	---		---		---	---	---
Chrysene	<	0.02	0.20	0.19	96		0.20	0.18	92		3.6		61	150	20	---		---	---	---	---		---	---	---		---		---	---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.14	71		0.20	0.14	72		1.0		46	150	20	---		---	---	---	---		---	---	---		---		---	---	---
Fluoranthene	<	0.016	0.20	0.21	106		0.20	0.21	107		0.4		48	145	20	---		---	---	---	---		---	---	---		---		---	---	---
Fluorene	<	0.0096	0.20	0.19	93		0.20	0.18	91		1.3		40	131	25	---		---	---	---	---		---	---	---		---		---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.15	75		0.20	0.15	76		1.6		54	143	20	---		---	---	---	---		---	---	---		---		---	---	---
Naphthalene	<	0.013	0.20	0.16	80		0.20	0.16	78		2.7		45	131	30	---		---	---	---	---		---	---	---		---		---	---	---
Phenanthrene	<	0.012	0.20	0.22	109		0.20	0.22	109		0.3		40	131	25	---		---	---	---	---		---	---	---		---		---	---	---
Pyrene	<	0.015	0.20	0.21	107		0.20	0.21	105		1.5		55	135	20	---		---	---	---	---		---	---	---		---		---	---	---
Nitrobenzene-d5		59%	---	---	55		---	---	55		---		10	150	---	---		---	---	---	---		---	---	---		---		---	---	---
2-Fluorobiphenyl		71%	---	---	69		---	---	66		---		20	111	---	---		---	---	---	---		---	---	---		---		---	---	---
Terphenyl-d14		83%	---	---	82		---	---	77		---		44	115	---	---		---	---	---	---		---	---	---		---		---	---	---
Acenaphthene		---	0	---	---		---	---	---		---		---	---	---	873650-002	<	0.0082	0.19	0.091	48	N	---	---	---		---		56	113	24
Acenaphthylene		---	0	---	---		---	---	---		---		---	---	---	873650-002	<	0.0081	0.19	0.093	49	N	---	---	---		---		56	115	24

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12592

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Anthracene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.012	0.19	0.1	55		---	---	---		---			55	126	20
Benzo(a)anthracene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.016	0.19	0.21	109		---	---	---		---			45	150	20
Benzo(a)pyrene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.018	0.19	0.17	90		---	---	---		---			72	129	20
Benzo(b)fluoranthene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.016	0.19	0.19	99		---	---	---		---			72	134	20
Benzo(ghi)perylene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.019	0.19	0.16	85		---	---	---		---			72	128	20
Benzo(k)fluoranthene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.019	0.19	0.18	97		---	---	---		---			75	129	20
Chrysene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.019	0.19	0.18	94		---	---	---		---			71	136	20
Dibenz(a,h)anthracene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.019	0.19	0.14	77		---	---	---		---			43	150	20
Fluoranthene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.015	0.19	0.19	102		---	---	---		---			58	137	20
Fluorene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.0091	0.19	0.1	53	N	---	---	---		---			56	121	21
Indeno(1,2,3-cd)pyrene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.019	0.19	0.15	81		---	---	---		---			71	140	20
Naphthalene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.012	0.19	0.086	45	N	---	---	---		---			53	107	31
Phenanthrene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.011	0.19	0.13	71		---	---	---		---			58	138	20
Pyrene	---	0	---	---		---	---	---		---			---	---	---	873650-002	<	0.015	0.19	0.19	99		---	---	---		---			71	136	20
Nitrobenzene-d5	---	---	---	---		---	---	---		---			---	---	---	873650-002		29%	---	---	31		---	---	---		---			10	150	---
2-Fluorobiphenyl	---	---	---	---		---	---	---		---			---	---	---	873650-002		37%	---	---	38		---	---	---		---			20	111	---
Terphenyl-d14	---	---	---	---		---	---	---		---			---	---	---	873650-002		84%	---	---	82		---	---	---		---			44	115	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006

QC Batch Number: 12592

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873650
Lab Section: GAS
QC Batch Number: 12599
Prep Method: SW846 5030B
Analytical Method: SW846 M8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG1956-16MB	GG1956-16MB
LCS	GG1956-16MBLCS	GG1956-16MBLCS
LCSD	GG1956-16MBLCSD	GG1956-16MBLCSD
MS	872546-052MS	872546-052MS
MSD	872546-052MSD	872546-052MSD

Client Sample ID	Lab Sample ID	MB ID*
MW-6	873650-001	MB
TRIP BLANK02	873650-003	MB

Client Sample ID	Lab Sample ID	MB ID
PW-2	873650-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzene	<	0.14	20.0	21.9	110		20.0	21.9	109		0.3			85	115	20	872546-052		1.27	20.0	23.8	113		20.0	23.6	111		1.0			80	120	20
Ethylbenzene	<	0.4	20.0	21.5	107		20.0	21.6	108		0.6			85	115	20	872546-052		2.79	20.0	25.5	114		20.0	25.6	114		0.2			80	120	20
Toluene	<	0.36	20.0	21.9	109		20.0	21.8	109		0.2			85	115	20	872546-052	<	0.36	20.0	22.7	113		20.0	22.7	113		0.0			80	120	20
Xylene, o	<	0.36	20.0	21.4	107		20.0	21.6	108		0.9			85	115	20	872546-052	<	0.36	20.0	22.1	110		20.0	22.1	111		0.2			80	120	20
Xylenes, m + p	<	0.74	40.0	42.8	107		40.0	43.1	108		0.6			85	115	20	872546-052	<	0.74	40.0	45.4	114		40.0	45.5	114		0.2			78	124	20
a,a,a-Trifluorotoluene		102%	—	—	101		—	—	101		—			80	124	—	872546-052		101%	—	—	101		—	—	100		—			80	124	—

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2006
QC Batch Number: 12599

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873650
Lab Section: WETCHEM
QC Batch Number: 12708
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	wcg1919-013mb	wcg1919-013mb
LCS	wcg1919-013mbLCS	wcg1919-013mbLCS
MS	PW-2MS	873650-002MS
MSD	PW-2MSD	873650-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PW-2	873650-002	MB			

Batch No. 873716

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Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

July 19, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the KEMC project (06W003). The samples were assigned to batch number 873716 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Tod Noltemeyer
Project Manager

Pace Analytical®

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Copy To Jsk, SVDI

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 873716

Client: FOTH & VAN DYKE
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number:

Lab Sample Number	Field ID	Matrix	Collection Date
873716-001	PW-4'	WATER	07/06/06 11:00
873716-002	MW-9'	WATER	07/06/06 13:04
873716-003	DUP004'	WATER	07/06/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

7/19/06
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873716

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : PW-4

Matrix Type : WATER
Collection Date : 07/06/06
Report Date : 07/17/06
Lab Sample Number : 873716-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	190		3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Carbonate Alkalinity	3.7	U	3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Chloride	4.0	B	0.82	5.0	1	mg/L	A	07/07/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		07/12/06	EPA 335.4	EPA 335.4
Fluoride	0.22	B	0.096	0.50	1	mg/L		07/07/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		07/07/06	EPA 300.0	EPA 300.0
Sulfate	1.8	B	0.77	4.0	1	mg/L		07/07/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 07/11/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.15	J	0.14	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Toluene	0.49	J	0.36	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	100		80	124	1	%		07/11/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 07/10/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.015	J	0.0082	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873716

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : PW-4

Matrix Type : WATER
Collection Date : 07/06/06
Report Date : 07/17/06
Lab Sample Number : 873716-001

PAH/PNA — Prep Date: 07/10/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.018	J	0.012	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	07/10/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	07/10/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Fluorene	0.024	J	0.0091	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Naphthalene	0.012	U	0.012	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Phenanthrene	0.021	J	0.011	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	42		10	150	1	%		07/10/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	37		20	111	1	%		07/10/06	SW846 3510C	8270C-SIM
Terphenyl-d14	94		44	115	1	%		07/10/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873716

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-9

Matrix Type : WATER
Collection Date : 07/06/06
Report Date : 07/17/06
Lab Sample Number : 873716-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	66		3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Carbonate Alkalinity	3.7	U	3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Chloride	3.6	B	0.82	5.0	1	mg/L	A	07/07/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		07/12/06	EPA 335.4	EPA 335.4
Fluoride	0.24	B	0.096	0.50	1	mg/L		07/07/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		07/07/06	EPA 300.0	EPA 300.0
Sulfate	20		0.77	4.0	1	mg/L		07/07/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 07/11/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Toluene	0.45	J	0.36	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	101		80	124	1	%		07/11/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 07/10/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.066		0.0082	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873716

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-9

Matrix Type : WATER
Collection Date : 07/06/06
Report Date : 07/17/06
Lab Sample Number : 873716-002

PAH/PNA — Prep Date: 07/10/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.012	U	0.012	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	07/10/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	07/10/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Fluorene	0.078		0.0091	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Naphthalene	0.019	J	0.012	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Phenanthrene	0.074		0.011	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	55		10	150	1	%		07/10/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	45		20	111	1	%		07/10/06	SW846 3510C	8270C-SIM
Terphenyl-d14	93		44	115	1	%		07/10/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873716

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP004

Matrix Type : WATER
Collection Date : 07/06/06
Report Date : 07/17/06
Lab Sample Number : 873716-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	190		3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Carbonate Alkalinity	3.7	U	3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Chloride	4.0	B	0.82	5.0	1	mg/L	A	07/07/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		07/12/06	EPA 335.4	EPA 335.4
Fluoride	0.21	B	0.096	0.50	1	mg/L		07/07/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		07/07/06	EPA 300.0	EPA 300.0
Sulfate	1.8	B	0.77	4.0	1	mg/L		07/07/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 07/11/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.16	J	0.14	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Toluene	0.51	J	0.36	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		07/11/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	100		80	124	1	%		07/11/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 07/10/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.017	J	0.0082	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873716

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP004

Matrix Type : WATER
Collection Date : 07/06/06
Report Date : 07/17/06
Lab Sample Number : 873716-003

PAH/PNA

Prep Date: 07/10/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.016	J	0.012	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	07/10/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	07/10/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Fluorene	0.028	J	0.0091	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Naphthalene	0.012	U	0.012	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Phenanthrene	0.023	J	0.011	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		07/10/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	56		10	150	1	%		07/10/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	42		20	111	1	%		07/10/06	SW846 3510C	8270C-SIM
Terphenyl-d14	131		44	115	1	%	F	07/10/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
873716	W-CL-W	All Samples	A - Analyte is detected in the method blank at a concentration of 2.4 mg/L for samples 001-003.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

July 14, 2006

Client Services
Pace Analytical Green Bay
1241 Bellevue Street
Suite 9
Green Bay, WI 54302

RE: Project: 873716 FOTH & VAN DYKE
Pace Project No.: 1034899

Dear Client Services:
Enclosed are the analytical results for sample(s) received by the laboratory on July 08, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Cory A Higbee

Cory.higbee@pacelabs.com
Project Coordinator

Illinois Certification #: 200011
Iowa Certification #: 368
Minnesota Certification #: 027-053-137
Wisconsin Certification #: 999407970

Enclosures

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Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

SAMPLE SUMMARY

Project: 873716 FOTH & VAN DYKE
Pace Project No.: 1034899

Lab ID	Sample ID	Matrix	Date Collected	Date Received
873716001	PW-4	Water	07/06/06 00:00	07/08/06 08:35
873716002	MW-9	Water	07/06/06 00:00	07/08/06 08:35
873716003	DUP004	Water	07/06/06 00:00	07/08/06 08:35

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Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

SAMPLE ANALYTE COUNT

Project: 873716 FOTH & VAN DYKE
Pace Project No.: 1034899

Lab ID	Sample ID	Method	Analytes Reported
873716001	PW-4	EPA 6020	23
		EPA 7470	1
873716002	MW-9	EPA 6020	23
		EPA 7470	1
873716003	DUP004	EPA 6020	23
		EPA 7470	1

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Phone: (612)607-1700
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ANALYTICAL RESULTS

Project: 873716 FOTH & VAN DYKE
Pace Project No.: 1034899

Sample: PW-4 **Lab ID: 873716001** Collected: 07/06/06 00:00 Received: 07/08/06 08:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Aluminum	**161**	ug/L	1.6	1	07/10/06 00:00	07/11/06 16:43	7429-90-5	
Antimony	ND	ug/L	0.13	1	07/10/06 00:00	07/11/06 16:43	7440-36-0	
Arsenic	**102**	ug/L	0.12	1	07/10/06 00:00	07/11/06 16:43	7440-38-2	
Barium	**87.6**	ug/L	0.11	1	07/10/06 00:00	07/11/06 16:43	7440-39-3	
Beryllium	**20.6**	ug/L	0.057	1	07/10/06 00:00	07/13/06 14:30	7440-41-7	
Boron	**143**	ug/L	0.57	1	07/10/06 00:00	07/11/06 16:43	7440-42-8	
Cadmium	ND	ug/L	0.057	1	07/10/06 00:00	07/11/06 16:43	7440-43-9	
Calcium	**33300**	ug/L	300	50	07/10/06 00:00	07/11/06 16:52	7440-70-2	
Chromium	**4.3**	ug/L	0.30	1	07/10/06 00:00	07/11/06 16:43	7440-47-3	
Cobalt	**0.49**	ug/L	0.029	1	07/10/06 00:00	07/11/06 16:43	7440-48-4	
Copper	**0.12**	ug/L	0.087	1	07/10/06 00:00	07/11/06 16:43	7440-50-8	
Iron	**82800**	ug/L	1050	50	07/10/06 00:00	07/11/06 16:52	7439-89-6	
Lead	ND	ug/L	0.10	1	07/10/06 00:00	07/11/06 16:43	7439-92-1	
Lithium	**0.22**	ug/L	0.047	1	07/10/06 00:00	07/13/06 14:30	7439-93-2	
Magnesium	**15000**	ug/L	65.0	50	07/10/06 00:00	07/11/06 16:52	7439-95-4	
Manganese	**5560**	ug/L	8.0	50	07/10/06 00:00	07/11/06 16:52	7439-96-5	
Molybdenum	**5.6**	ug/L	0.11	1	07/10/06 00:00	07/11/06 16:43	7439-98-7	
Nickel	**1.0**	ug/L	0.14	1	07/10/06 00:00	07/11/06 16:43	7440-02-0	
Potassium	**5790**	ug/L	150	5	07/10/06 00:00	07/11/06 16:47	7440-09-7	
Selenium	ND	ug/L	0.40	1	07/10/06 00:00	07/11/06 16:43	7782-49-2	
Silver	ND	ug/L	0.14	1	07/10/06 00:00	07/13/06 14:30	7440-22-4	
Sodium	**11400**	ug/L	55.0	5	07/10/06 00:00	07/11/06 16:47	7440-23-5	
Zinc	**1.8**	ug/L	1.0	1	07/10/06 00:00	07/11/06 16:43	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	07/11/06 00:00	07/12/06 10:30	7439-97-6	

Sample: MW-9 **Lab ID: 873716002** Collected: 07/06/06 00:00 Received: 07/08/06 08:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Aluminum	**7.9**	ug/L	1.6	1	07/10/06 00:00	07/11/06 17:20	7429-90-5	
Antimony	ND	ug/L	0.13	1	07/10/06 00:00	07/11/06 17:20	7440-36-0	
Arsenic	**7.6**	ug/L	0.12	1	07/10/06 00:00	07/11/06 17:20	7440-38-2	
Barium	**21.5**	ug/L	0.11	1	07/10/06 00:00	07/11/06 17:20	7440-39-3	
Beryllium	**5.6**	ug/L	0.057	1	07/10/06 00:00	07/13/06 14:34	7440-41-7	
Boron	**33.0**	ug/L	0.57	1	07/10/06 00:00	07/11/06 17:20	7440-42-8	
Cadmium	ND	ug/L	0.057	1	07/10/06 00:00	07/11/06 17:20	7440-43-9	
Calcium	**18500**	ug/L	300	50	07/10/06 00:00	07/11/06 17:28	7440-70-2	
Chromium	ND	ug/L	0.30	1	07/10/06 00:00	07/11/06 17:20	7440-47-3	
Cobalt	**0.80**	ug/L	0.029	1	07/10/06 00:00	07/11/06 17:20	7440-48-4	
Copper	**0.28**	ug/L	0.087	1	07/10/06 00:00	07/11/06 17:20	7440-50-8	
Iron	**9470**	ug/L	105	5	07/10/06 00:00	07/11/06 17:24	7439-89-6	
Lead	ND	ug/L	0.10	1	07/10/06 00:00	07/11/06 17:20	7439-92-1	

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www.pacelabs.com

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Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

ANALYTICAL RESULTS

Project: 873716 FOTH & VAN DYKE
Pace Project No.: 1034899

Sample: MW-9 Lab ID: 873716002 Collected: 07/06/06 00:00 Received: 07/08/06 08:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lithium	**0.54**	ug/L	0.047	1	07/10/06 00:00	07/13/06 14:34	7439-93-2	
Magnesium	**5900**	ug/L	6.5	5	07/10/06 00:00	07/11/06 17:24	7439-95-4	
Manganese	**367**	ug/L	0.80	5	07/10/06 00:00	07/11/06 17:24	7439-96-5	
Molybdenum	**1.4**	ug/L	0.11	1	07/10/06 00:00	07/11/06 17:20	7439-98-7	
Nickel	**3.6**	ug/L	0.14	1	07/10/06 00:00	07/11/06 17:20	7440-02-0	
Potassium	**2320**	ug/L	30.0	1	07/10/06 00:00	07/11/06 17:20	7440-09-7	
Selenium	ND	ug/L	0.40	1	07/10/06 00:00	07/11/06 17:20	7782-49-2	
Silver	ND	ug/L	0.14	1	07/10/06 00:00	07/13/06 14:34	7440-22-4	
Sodium	**2040**	ug/L	11.0	1	07/10/06 00:00	07/11/06 17:20	7440-23-5	
Zinc	**2.5**	ug/L	1.0	1	07/10/06 00:00	07/11/06 17:20	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	07/11/06 00:00	07/12/06 10:31	7439-97-6	

Sample: DUP004 Lab ID: 873716003 Collected: 07/06/06 00:00 Received: 07/08/06 08:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Aluminum	**160**	ug/L	1.6	1	07/10/06 00:00	07/11/06 17:32	7429-90-5	
Antimony	ND	ug/L	0.13	1	07/10/06 00:00	07/11/06 17:32	7440-36-0	
Arsenic	**98.2**	ug/L	0.12	1	07/10/06 00:00	07/11/06 17:32	7440-38-2	
Barium	**83.6**	ug/L	0.11	1	07/10/06 00:00	07/11/06 17:32	7440-39-3	
Beryllium	**20.1**	ug/L	0.057	1	07/10/06 00:00	07/13/06 14:38	7440-41-7	
Boron	**135**	ug/L	0.57	1	07/10/06 00:00	07/11/06 17:32	7440-42-8	
Cadmium	ND	ug/L	0.057	1	07/10/06 00:00	07/11/06 17:32	7440-43-9	
Calcium	**32100**	ug/L	300	50	07/10/06 00:00	07/11/06 17:40	7440-70-2	
Chromium	**4.1**	ug/L	0.30	1	07/10/06 00:00	07/11/06 17:32	7440-47-3	
Cobalt	**0.47**	ug/L	0.029	1	07/10/06 00:00	07/11/06 17:32	7440-48-4	
Copper	**0.11**	ug/L	0.087	1	07/10/06 00:00	07/11/06 17:32	7440-50-8	
Iron	**80600**	ug/L	1050	50	07/10/06 00:00	07/11/06 17:40	7439-89-6	
Lead	ND	ug/L	0.10	1	07/10/06 00:00	07/11/06 17:32	7439-92-1	
Lithium	**0.12**	ug/L	0.047	1	07/10/06 00:00	07/13/06 14:38	7439-93-2	
Magnesium	**14500**	ug/L	65.0	50	07/10/06 00:00	07/11/06 17:40	7439-95-4	
Manganese	**5440**	ug/L	8.0	50	07/10/06 00:00	07/11/06 17:40	7439-96-5	
Molybdenum	**5.3**	ug/L	0.11	1	07/10/06 00:00	07/11/06 17:32	7439-98-7	
Nickel	**0.96**	ug/L	0.14	1	07/10/06 00:00	07/11/06 17:32	7440-02-0	
Potassium	**5900**	ug/L	150	5	07/10/06 00:00	07/11/06 17:36	7440-09-7	
Selenium	ND	ug/L	0.40	1	07/10/06 00:00	07/11/06 17:32	7782-49-2	
Silver	ND	ug/L	0.14	1	07/10/06 00:00	07/13/06 14:38	7440-22-4	
Sodium	**11900**	ug/L	55.0	5	07/10/06 00:00	07/11/06 17:36	7440-23-5	
Zinc	**2.0**	ug/L	1.0	1	07/10/06 00:00	07/11/06 17:32	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	07/11/06 00:00	07/12/06 10:35	7439-97-6	

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QUALITY CONTROL DATA

Project: 873716 FOTH & VAN DYKE
Pace Project No.: 1034899

QC Batch: MPRP/6644
QC Batch Method: EPA 3020
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Associated Lab Samples: 873716001, 873716002, 873716003

METHOD BLANK: 236926
Associated Lab Samples: 873716001, 873716002, 873716003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Silver	ug/L	ND	0.14	
Aluminum	ug/L	ND	1.6	
Lithium	ug/L	ND	0.047	
Arsenic	ug/L	ND	0.12	
Boron	ug/L	ND	0.57	
Barium	ug/L	ND	0.11	
Calcium	ug/L	ND	6.0	
Cadmium	ug/L	ND	0.057	
Cobalt	ug/L	ND	0.029	
Chromium	ug/L	ND	0.30	
Copper	ug/L	ND	0.087	
Iron	ug/L	ND	21.0	
Potassium	ug/L	ND	30.0	
Magnesium	ug/L	ND	1.3	
Manganese	ug/L	ND	0.16	
Molybdenum	ug/L	ND	0.11	
Sodium	ug/L	ND	11.0	
Nickel	ug/L	ND	0.14	
Lead	ug/L	ND	0.10	
Antimony	ug/L	ND	0.13	
Selenium	ug/L	ND	0.40	
Zinc	ug/L	ND	1.0	

LABORATORY CONTROL SAMPLE: 236927

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Silver	ug/L	80	84.7	106	85-115	
Aluminum	ug/L	80	76.9	96	85-115	
Arsenic	ug/L	80	75.7	95	85-115	
Beryllium	ug/L	80	81.1	101	85-115	
Boron	ug/L	80	73.8	92	85-115	
Lithium	ug/L	80	81.0	101	85-115	
Barium	ug/L	80	76.4	95	85-115	
Calcium	ug/L	1000	972	97	85-115	
Cadmium	ug/L	80	75.0	94	85-115	
Cobalt	ug/L	80	75.6	95	85-115	
Chromium	ug/L	80	74.5	93	85-115	
Copper	ug/L	80	75.9	95	85-115	
Iron	ug/L	1000	997	100	85-115	
Potassium	ug/L	1000	961	96	85-115	
Magnesium	ug/L	1000	993	99	85-115	

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QUALITY CONTROL DATA

Project: 873716 FOTH & VAN DYKE
Pace Project No.: 1034899

LABORATORY CONTROL SAMPLE: 236927

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Manganese	ug/L	80	73.7	92	85-115	
Molybdenum	ug/L	80	75.5	94	85-115	
Sodium	ug/L	1000	970	97	85-115	
Nickel	ug/L	80	76.9	96	85-115	
Lead	ug/L	80	75.8	95	85-115	
Antimony	ug/L	80	79.7	100	85-115	
Selenium	ug/L	160	151	94	85-115	
Zinc	ug/L	80	74.1	93	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 236928 236929

Parameter	Units	873650002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Silver	ug/L	ND	80	80	63.4	68.2	79	85	70-130	7	20	
Aluminum	ug/L	15.6	80	80	90.2	95.2	93	99	70-130	5	20	
Arsenic	ug/L	0.30	80	80	73.7	76.7	92	95	70-130	4	20	
Beryllium	ug/L	11.0	80	80	95.4	93.8	106	104	70-130	2	20	
Boron	ug/L	72.3	80	80	157	158	105	107	70-130	.7	20	
Lithium	ug/L	8.8	80	80	91.3	90.4	103	102	70-130	1	20	
Barium	ug/L	20.4	80	80	94.1	94.6	92	93	70-130	.6	20	
Calcium	ug/L	67300	1000	1000	62800	64300	-446	-296	70-130	2	20	1M
Cadmium	ug/L	1.5	80	80	74.3	74.8	91	92	70-130	.7	20	
Cobalt	ug/L	19.1	80	80	92.3	96.7	92	97	70-130	5	20	
Chromium	ug/L	0.43	80	80	74.0	74.1	92	92	70-130	.05	20	
Copper	ug/L	2.3	80	80	73.9	75.0	89	91	70-130	1	20	
Iron	ug/L	335	1000	1000	1330	1350	100	102	70-130	1	20	
Potassium	ug/L	3600	1000	1000	4550	4560	95	96	70-130	.08	20	
Magnesium	ug/L	34900	1000	1000	33400	34700	-151	-26	70-130	4	20	1M
Manganese	ug/L	382	80	80	457	463	94	102	70-130	1	20	
Molybdenum	ug/L	0.59	80	80	77.4	77.2	96	96	70-130	.3	20	
Sodium	ug/L	3900	1000	1000	4830	4960	92	106	70-130	3	20	
Nickel	ug/L	58.1	80	80	132	135	92	96	70-130	2	20	
Lead	ug/L	0.11	80	80	73.7	75.9	92	95	70-130	3	20	
Antimony	ug/L	0.14	80	80	81.7	83.0	102	104	70-130	2	20	
Selenium	ug/L	0.21J	160	160	145	152	90	95	70-130	5	20	
Zinc	ug/L	33.7	80	80	109	110	94	96	70-130	1	20	

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QUALITY CONTROL DATA

Project: 873716 FOTH & VAN DYKE
Pace Project No.: 1034899

QC Batch: MERP/1180 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 873716001, 873716002, 873716003

METHOD BLANK: 237086
Associated Lab Samples: 873716001, 873716002, 873716003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	ug/L	ND	0.20	

LABORATORY CONTROL SAMPLE: 237087

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.7	93	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 237397 237398

Parameter	Units	873716002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	6.0	6.5	119	131	70-130	9	30	M0

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 873716 FOTH & VAN DYKE
Pace Project No.: 1034899

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

ANALYTE QUALIFIERS

M0	Matrix spike recovery was outside laboratory control limits.
1M	Matrix spike recovery was outside laboratory control limits due to high concentration in parent sample.

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Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	873716-001	873716-002	873716-003
ALKALINITY, BICARB/CARB	B	B	B
ALUMINUM - DISSOLVED	M	M	M
ANTIMONY - DISSOLVED	M	M	M
ARSENIC - DISSOLVED	M	M	M
BARIUM - DISSOLVED	M	M	M
BERYLLIUM - DISSOLVED	M	M	M
BORON - DISSOLVED	M	M	M
BTEX	G	G	G
CADMIUM - DISSOLVED	M	M	M
CALCIUM - DISSOLVED	M	M	M
CHLORIDE	B	B	B
CHROMIUM - DISSOLVED	M	M	M
COBALT - DISSOLVED	M	M	M
COPPER - DISSOLVED	M	M	M
CYANIDE, TOTAL	B	B	B
FLUORIDE	B	B	B
IRON - DISSOLVED	M	M	M
LEAD - DISSOLVED	M	M	M
LITHIUM - DISSOLVED	M	M	M
MAGNESIUM - DISSOLVED	M	M	M
MANGANESE - DISSOLVED	M	M	M
MERCURY - DISSOLVED	M	M	M
MOLYBDENUM - DISSOLVED	M	M	M
NICKEL - DISSOLVED	M	M	M
NITROGEN, NITRATE	B	B	B
PAH/PNA	B	B	B
POTASSIUM - DISSOLVED	M	M	M
SELENIUM - DISSOLVED	M	M	M
SILVER - DISSOLVED	M	M	M
SODIUM - DISSOLVED	M	M	M
SULFATE	B	B	B
ZINC - DISSOLVED	M	M	M

Code	Facility	Address	MI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	Not Certified
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	Not Certified

Sample Condition Upon Receipt

Pace Analytical

Client Name: Foth Project # 873716

Courier: [X] Fed Ex [ ] UPS [ ] USPS [ ] Client [ ] Commercial [ ] Pace Other_____

Custody Seal on Cooler/Box Present: [ ] yes [X] no Seals intact: [ ] yes [ ] no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: [ ] Bubble Wrap [X] Bubble Bags [ ] None [ ] Other_____

Thermometer Used IR GUN Type of ice: (Wet) Blue None [X] Samples on ice, cooling process has begun

Cooler Temperature 1.0°C Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C Comments:

Date and Initials of person examining contents: CS 7/7/06 ((7/7/06

Chain of Custody Present:	[X]Yes [ ]No [ ]N/A	1.
Chain of Custody Filled Out:	[X]Yes [ ]No [ ]N/A	2.
Chain of Custody Relinquished:	[X]Yes [ ]No [ ]N/A	3.
Sampler Name & Signature on COC:	[X]Yes [ ]No [ ]N/A	4.
Samples Arrived within Hold Time:	[X]Yes [ ]No [ ]N/A	5.
Short Hold Time Analysis (<72hr):	[X]Yes [ ]No [ ]N/A	6. NO_3
Rush Turn Around Time Requested:	[ ]Yes [X]No [ ]N/A	7.
Sufficient Volume:	[X]Yes [ ]No [ ]N/A	8.
Correct Containers Used:	[X]Yes [ ]No [ ]N/A	9.
-Pace Containers Used:	[X]Yes [ ]No [ ]N/A	
Containers Intact:	[X]Yes [ ]No [ ]N/A	10.
Filtered volume received for Dissolved tests	[X]Yes [ ]No [ ]N/A	11.
Sample Labels match COC:	[X]Yes [ ]No [ ]N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	[X]Yes [ ]No [ ]N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	[X]Yes [ ]No [ ]N/A	CS
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	[ ]Yes [ ]No	Initial when completed
Samples checked for dechlorination:	[ ]Yes [X]No [ ]N/A	14.
Headspace in VOA Vials (>6mm):	[ ]Yes [X]No [ ]N/A	15.
Trip Blank Present:	[ ]Yes [X]No [ ]N/A	16.
Trip Blank Custody Seals Present	[ ]Yes [ ]No [X]N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: KK for TJ **Date:** 7/19/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Page: 1 of 1

0992435

Section A Required Client Information:

Company: Foth & VanDyke	
Address: Green Bay, WI	
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To: Janis Kasey	
Copy To:	
Purchase Order No.:	
Project Name: Humboldt Mill	
Project Number:	

Section C Invoice Information:

Attention:	
Company Name: Foth & VanDyke	
Address:	
Pace Quote Reference:	
Pace Project Manager: TOD Nottemeyer	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other_____

SITE LOCATION ☐GA ☐IL ☐IN ☑MI ☐MN ☐NC ☐OH ☐SC ☐WI ☐OTHER_____

Section D Required Client Information

SAMPLE ID

One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Filtered (Y/N)	Requested Analysis: 1 Liter Bar PAHs	500 ml PL Metals	250 ml PL Ammonia	250 ml PL Cyanide	40 ml Clear BTEX	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
1	PW-4 001	WT	G			7/6/06	1100	16.3	9	3		2	3	1				N	2	1	1	1	3		8737114
2	MW-9 002	WT	G			7/6/06	1304	10.5	9	3		2	3	1				N	2	1	1	1	3		
3	DUP 004 003	WT	G			7/6/06			9	3		2	3	1				N	2	1	1	1	3		
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

Preservatives: 1-500ml Amber H2SO4 Poly; 1-250ml Poly HNO3; 2-40ml Vials HCl; 1-250ml Poly NaOH

Pace Project Number / Lab I.D: 8737114

Additional Comments:

Shipped via FedEx
#7927 8739 6565

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION
Andrew Maracini / NTC	7/6/06	1530	FedEx			
FedEx	7/7	1010	C. Schufelberger	7/7	1010	1.0

SAMPLE CONDITION				
Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N	
1.0	Y/N	Y/N	Y/N	
	Y/N	Y/N	Y/N	
	Y/N	Y/N	Y/N	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andrew Maracini

SIGNATURE of SAMPLER: DATE Signed:

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873716
Lab Section: WETCHEM
QC Batch Number: 12602
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1918-057MB	WCG1918-057MB
LCS	WCG1918-057MBLCS	WCG1918-057MBLCS
MS	873642-004MS	873642-004MS
MS	873465-002MS	873465-002MS
MSD	873642-004MSD	873642-004MSD
MSD	873465-002MSD	873465-002MSD

Client Sample ID	Lab Sample ID	MB ID
PW-4	873716-001	MB
DUP004	873716-003	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	873716-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride		2.4	20.00	19	95.2		---	---	---		---			90	110	20	873465-002		535.4	200.0	737.4	101.0		200.0	740.8	102.7		0.5			90	110	20
Fluoride	<	0.096	2.00	2	102.0		---	---	---		---			90	110	20	873465-002		2.10	20.0	17.4	76.5	N	20.0	18	79.5	N	3.4			90	110	20
Nitrogen, Nitrate	<	0.088	1.60	1.6	98.8		---	---	---		---			90	110	20	873465-002	<	0.88	16.0	15.4	96.2		16.0	15.8	98.8		2.6			90	110	20
Sulfate	<	0.77	16.00	16.1	100.7		---	---	---		---			90	110	20	873465-002		517.3	160.0	691.3	108.8		160.0	693.5	110.1		0.3			90	110	20
Chloride		2.4	20.0	19	95.2		---	---	---		---			90	110	20	873642-004		6.07	20.0	23.6	87.8	N	20.0	23.8	88.5	N	0.5			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12602

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873716
Lab Section: BNASIM
QC Batch Number: 12622
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-10MB	svog1945-10MB
LCS	svog1945-10LCS	svog1945-10LCS
LCSD	svog1945-10LCSD	svog1945-10LCSD
MS	873678-003MS	873678-003MS

Client Sample ID	Lab Sample ID	MB ID
PW-4	873716-001	MB
DUP004	873716-003	MB
MW-9	873716-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.21	107		0.20	0.21	106		1.2			40	126	23	873678-003		0.13	0.19	0.32	99		—	---	—		—			56	113	24
Acenaphthylene	<	0.0086	0.20	0.22	110		0.20	0.22	108		1.7			39	127	24	873678-003	<	0.0086	0.19	0.21	110		—	---	—		—			56	115	24
Anthracene	<	0.012	0.20	0.22	112		0.20	0.22	112		0.4			39	139	27	873678-003		0.014	0.19	0.21	101		—	---	---		—			55	126	20
Benzo(a)anthracene	<	0.017	0.20	0.24	118		0.20	0.24	118		0.3			48	146	20	873678-003	<	0.017	0.19	0.24	130		---	---	—		---			45	150	20
Benzo(a)pyrene	<	0.019	0.20	0.21	105		0.20	0.22	108		2.9			61	136	20	873678-003	<	0.019	0.19	0.22	115		—	---	---		—			72	129	20
Benzo(b)fluoranthene	<	0.017	0.20	0.21	105		0.20	0.22	110		4.0			51	141	20	873678-003	<	0.017	0.19	0.23	123		---	---	—		---			72	134	20
Benzo(ghi)perylene	<	0.02	0.20	0.22	112		0.20	0.23	116		3.5			57	136	20	873678-003	<	0.02	0.19	0.23	120		--	---	—		—			72	128	20
Benzo(k)fluoranthene	<	0.02	0.20	0.22	110		0.20	0.22	112		1.7			61	149	20	873678-003	<	0.02	0.19	0.21	113		—	---	---		—			75	129	20
Chrysene	<	0.02	0.20	0.21	107		0.20	0.22	108		0.6			61	150	20	873678-003	<	0.02	0.19	0.21	111		—	---	---		---			71	136	20
Dibenz(a,h)anthracene	<	0.02	0.20	0.24	120		0.20	0.25	124		2.8			46	150	20	873678-003	<	0.02	0.19	0.24	128		—	---	---		---			43	150	20
Fluoranthene	<	0.016	0.20	0.24	120		0.20	0.24	119		1.5			48	145	20	873678-003	<	0.016	0.19	0.24	126		---	---	—		—			58	137	20
Fluorene	<	0.0096	0.20	0.23	114		0.20	0.23	113		1.7			40	131	25	873678-003	<	0.0096	0.19	0.22	114		---	---	---		---			56	121	21
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.23	116		0.20	0.24	119		3.3			54	143	20	873678-003	<	0.02	0.19	0.23	124		—	---	---		---			71	140	20
Naphthalene	<	0.013	0.20	0.19	94		0.20	0.19	95		0.5			45	131	30	873678-003	<	0.013	0.19	0.17	92		---	---	---		—			53	107	31
Phenanthrene	<	0.012	0.20	0.26	128		0.20	0.25	126		1.6			40	131	25	873678-003	<	0.012	0.19	0.25	134		---	---	---		---			58	138	20
Pyrene	<	0.015	0.20	0.24	119		0.20	0.23	116		2.7			55	135	20	873678-003		0.030	0.19	0.26	123		—	---	---		---			71	136	20
Nitrobenzene-d5		75%	---	—	78		---	---	78		—			10	150	---	873678-003		70%	---	---	75		---	---	---		---			10	150	—
2-Fluorobiphenyl		75%	---	—	81		---	---	81		—			20	111	---	873678-003		76%	—	—	82		---	---	—		---			20	111	—
Terphenyl-d14		88%	—	—	87		---	—	89		—			44	115	—	873678-003		93%	—	---	101		—	—	---		---			44	115	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12622

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873716
Lab Section: GAS
QC Batch Number: 12626
Prep Method: SW846 5030B
Analytical Method: SW846 M8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG1956-19MB	GG1956-19MB
LCS	GG1956-19MBLCS	GG1956-19MBLCS
LCSD	GG1956-19MBLCSD	GG1956-19MBLCSD
MS	873678-003MS	873678-003MS
MSD	873678-003MSD	873678-003MSD

Client Sample ID	Lab Sample ID	MB ID*
PW-4	873716-001	MB
DUP004	873716-003	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	873716-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzene	<	0.14	20.0	22.3	111		20.0	21	105		5.7			85	115	20	873678-003	<	0.14	20.0	22.9	115		20.0	23.3	116		1.6			80	120	20
Ethylbenzene	<	0.4	20.0	22.6	113		20.0	21.1	106		6.6			85	115	20	873678-003	<	0.4	20.0	22.9	114		20.0	22.9	115		0.3			80	120	20
Toluene	<	0.36	20.0	22.4	112		20.0	21.1	105		6.1			85	115	20	873678-003	<	0.36	20.0	22.8	114		20.0	22.9	115		0.7			80	120	20
Xylene, o	<	0.36	20.0	22.2	111		20.0	20.7	104		6.7			85	115	20	873678-003	<	0.36	20.0	22	110		20.0	21.9	110		0.5			80	120	20
Xylenes, m + p	<	0.74	40.0	44.4	111		40.0	41.5	104		6.6			85	115	20	873678-003	<	0.74	40.0	44.6	111		40.0	44.3	111		0.8			78	124	20
a,a,a-Trifluorotoluene		100%	---	---	100		---	---	99		---			80	124	---	873678-003		99%	---	---	100		---	---	99		---			80	124	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12626

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873716
Lab Section: WETCHEM
QC Batch Number: 12650
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1901-045MB	WCG1901-045MB
LCS	WCG1901-045MBLCS	WCG1901-045MBLCS
MS	873817-011MS	873817-011MS
MS	873817-007MS	873817-007MS
MSD	873817-011MSD	873817-011MSD
MSD	873817-007MSD	873817-007MSD

Client Sample ID	Lab Sample ID	MB ID
PW-4	873716-001	MB
DUP004	873716-003	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	873716-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.09	90.2		---	---	---		---			90	110	20	873817-007	<	0.0094	0.10	0.099	98.7		0.10	0.11	106.3		7.5			90	110	20
Cyanide, Total	<	0.0094	0.10	0.09	90.2		---	---	---		---			90	110	20	873817-011	<	0.0094	0.10	0.1	102.6		0.10	0.1	103.4		0.8			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12650

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 873716
Lab Section: WETCHEM
QC Batch Number: 12708
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	wcg1919-013mb	wcg1919-013mb
LCS	wcg1919-013mbLCS	wcg1919-013mbLCS
MS	873650-002MS	873650-002MS
MSD	873650-002MSD	873650-002MSD

Client Sample ID	Lab Sample ID	MB ID.
PW-4	873716-001	MB
DUP004	873716-003	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	873716-002	MB

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12708

Batch No. 873844

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

July 25, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the KEMC project (06W003). The samples were assigned to batch number 873844 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Tod Noltemeyer
Project Manager

MASTER FILE COPY
Scope GWC03 Classification 10,90
Copy To 35K

Pace Analytical®
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 873844

Client: FOTH & VAN DYKE
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number:

Lab Sample Number	Field ID	Matrix	Collection Date
873844-001	EQB002'	WATER	07/11/06
873844-002	FB002'	WATER	07/11/06
873844-003	MW-5'	WATER	07/11/06
873844-004	MW-6'	WATER	07/11/06
873844-005	MW-104'	WATER	07/11/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Approval Signature

7/25/06
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873844

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : EQB002

Matrix Type : WATER
Collection Date : 07/11/06
Report Date : 07/20/06
Lab Sample Number : 873844-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.								
Antimony - Dissolved	INCL.								
Arsenic - Dissolved	INCL.								
Barium - Dissolved	INCL.								
Beryllium - Dissolved	INCL.								
Boron - Dissolved	INCL.								
Cadmium - Dissolved	INCL.								
Calcium - Dissolved	INCL.								
Chromium - Dissolved	INCL.								
Cobalt - Dissolved	INCL.								
Copper - Dissolved	INCL.								
Iron - Dissolved	INCL.								
Lead - Dissolved	INCL.								
Lithium - Dissolved	INCL.								
Magnesium - Dissolved	INCL.								
Manganese - Dissolved	INCL.								
Mercury - Dissolved	INCL.								
Molybdenum - Dissolved	INCL.								
Nickel - Dissolved	INCL.								
Potassium - Dissolved	INCL.								
Selenium - Dissolved	INCL.								
Silver - Dissolved	INCL.								
Sodium - Dissolved	INCL.								
Zinc - Dissolved	INCL.								

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873844

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : FB002

Matrix Type : WATER
Collection Date : 07/11/06
Report Date : 07/20/06
Lab Sample Number : 873844-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Bicarbonate Alkalinity	3.7	U	3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Carbonate Alkalinity	3.7	U	3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Chloride	4.3	B	0.82	5.0	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		07/19/06	EPA 335.4	EPA 335.4
Fluoride	0.20	B	0.096	0.50	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Sulfate	1.7	B	0.77	4.0	1	mg/L		07/12/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 07/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.14	U	0.14	1.0	1	ug/L		07/13/06	SW846 5030B	SW846 M8021
Ethylbenzene	0.40	U	0.40	1.0	1	ug/L		07/13/06	SW846 5030B	SW846 M8021
Toluene	0.36	U	0.36	1.0	1	ug/L		07/13/06	SW846 5030B	SW846 M8021
Xylene, o	0.36	U	0.36	1.0	1	ug/L		07/13/06	SW846 5030B	SW846 M8021
Xylenes, m + p	0.74	U	0.74	2.0	1	ug/L		07/13/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	103		80	124	1	%		07/13/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 07/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0086	U	0.0086	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0085	U	0.0085	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.019	U	0.019	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.050	1	ug/L	Z	07/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.020	U	0.020	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.020	U	0.020	0.050	1	ug/L	Z	07/14/06	SW846 3510C	8270C-SIM
Chrysene	0.020	U	0.020	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.020	U	0.020	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.016	U	0.016	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0096	U	0.0096	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.020	U	0.020	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Naphthalene	0.016	J	0.013	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.012	U	0.012	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.050	1	ug/L		07/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	59		10	150	1	%		07/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	66		20	111	1	%		07/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	70		44	115	1	%		07/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873844

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-5

Matrix Type : WATER
Collection Date : 07/11/06
Report Date : 07/20/06
Lab Sample Number : 873844-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	400		3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Carbonate Alkalinity	3.7	U	3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Chloride	10		0.82	5.0	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		07/19/06	EPA 335.4	EPA 335.4
Fluoride	0.19	B	0.096	0.50	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Sulfate	4.3		0.77	4.0	1	mg/L		07/12/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 07/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	10		1.4	10	10	ug/L	K	07/13/06	SW846 5030B	SW846 M8021
Ethylbenzene	75		4.0	10	10	ug/L	K	07/13/06	SW846 5030B	SW846 M8021
Toluene	4.5	J	3.6	10	10	ug/L	K	07/13/06	SW846 5030B	SW846 M8021
Xylene, o	510		3.6	10	10	ug/L	K	07/13/06	SW846 5030B	SW846 M8021
Xylenes, m + p	520		7.4	20	10	ug/L	K	07/13/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	104		80	124	1	%		07/13/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 07/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.16	U	0.16	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.16	U	0.16	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873844

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-5

Matrix Type : WATER
Collection Date : 07/11/06
Report Date : 07/20/06
Lab Sample Number : 873844-003

PAH/PNA Prep Date: 07/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.23	U	0.23	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.31	U	0.31	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.37	U	0.37	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.31	U	0.31	0.94	20	ug/L	Z	07/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.39	U	0.39	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.39	U	0.39	0.94	20	ug/L	Z	07/14/06	SW846 3510C	8270C-SIM
Chrysene	0.38	U	0.38	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.38	U	0.38	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.31	U	0.31	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Fluorene	0.18	U	0.18	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.38	U	0.38	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Naphthalene	4.8		0.25	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.23	U	0.23	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Pyrene	0.29	U	0.29	0.94	20	ug/L		07/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	0		10	150	20	%	D	07/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0		20	111	20	%	D	07/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0		44	115	20	%	D	07/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873844

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-6

Matrix Type : WATER
Collection Date : 07/11/06
Report Date : 07/20/06
Lab Sample Number : 873844-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	77		3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Carbonate Alkalinity	3.7	U	3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Chloride	25		0.82	5.0	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		07/19/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Sulfate	650		39	200	50	mg/L		07/12/06	EPA 300.0	EPA 300.0

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873844

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-104

Matrix Type : WATER
Collection Date : 07/11/06
Report Date : 07/20/06
Lab Sample Number : 873844-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	INCL.									
Antimony - Dissolved	INCL.									
Arsenic - Dissolved	INCL.									
Barium - Dissolved	INCL.									
Beryllium - Dissolved	INCL.									
Boron - Dissolved	INCL.									
Cadmium - Dissolved	INCL.									
Calcium - Dissolved	INCL.									
Chromium - Dissolved	INCL.									
Cobalt - Dissolved	INCL.									
Copper - Dissolved	INCL.									
Iron - Dissolved	INCL.									
Lead - Dissolved	INCL.									
Lithium - Dissolved	INCL.									
Magnesium - Dissolved	INCL.									
Manganese - Dissolved	INCL.									
Mercury - Dissolved	INCL.									
Molybdenum - Dissolved	INCL.									
Nickel - Dissolved	INCL.									
Potassium - Dissolved	INCL.									
Selenium - Dissolved	INCL.									
Silver - Dissolved	INCL.									
Sodium - Dissolved	INCL.									
Zinc - Dissolved	INCL.									
Bicarbonate Alkalinity	92		3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Carbonate Alkalinity	3.7	U	3.7	10	1	mg/L		07/13/06	SM 2320B	SM 2320B
Chloride	3.3	B	0.82	5.0	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		07/19/06	EPA 335.4	EPA 335.4
Fluoride	0.21	B	0.096	0.50	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		07/12/06	EPA 300.0	EPA 300.0
Sulfate	2.2	B	0.77	4.0	1	mg/L		07/12/06	EPA 300.0	EPA 300.0

BTEX

Prep Date: 07/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzene	0.77	J	0.14	1.0	1	ug/L		07/13/06	SW846 5030B	SW846 M8021
Ethylbenzene	3.1		0.40	1.0	1	ug/L		07/13/06	SW846 5030B	SW846 M8021
Toluene	4.1		0.36	1.0	1	ug/L		07/13/06	SW846 5030B	SW846 M8021
Xylene, o	15		0.36	1.0	1	ug/L		07/13/06	SW846 5030B	SW846 M8021
Xylenes, m + p	8.5		0.74	2.0	1	ug/L		07/13/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	103		80	124	1	%		07/13/06	SW846 5030B	SW846 M8021

PAH/PNA

Prep Date: 07/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.15	J	0.082	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.10	J	0.081	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 873844

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-104

Matrix Type : WATER
Collection Date : 07/11/06
Report Date : 07/20/06
Lab Sample Number : 873844-005

PAH/PNA Prep Date: 07/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Anthracene	0.26	J	0.12	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.48		0.16	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.35	J	0.18	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.37	J	0.16	0.47	10	ug/L	Z	07/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.28	J	0.19	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.31	J	0.19	0.47	10	ug/L	Z	07/14/06	SW846 3510C	8270C-SIM
Chrysene	0.43	J	0.19	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.19	U	0.19	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Fluoranthene	1.1		0.15	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Fluorene	0.31	J	0.091	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.19	J	0.19	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Naphthalene	0.84		0.12	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.36	J	0.11	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Pyrene	1.8		0.15	0.47	10	ug/L		07/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	0.0		10	150	10	%	D	07/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0.0		20	111	10	%	D	07/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0.0		44	115	10	%	D	07/14/06	SW846 3510C	8270C-SIM

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	873844-001	873844-002	873844-003	873844-004	873844-005
ALKALINITY, BICARB/CARB		B	B	B	B
ALUMINUM - DISSOLVED	M		M	M	M
ANTIMONY - DISSOLVED	M		M	M	M
ARSENIC - DISSOLVED	M		M	M	M
BARIUM - DISSOLVED	M		M	M	M
BERYLLIUM - DISSOLVED	M		M	M	M
BORON - DISSOLVED	M		M	M	M
BTEX		G	G		G
CADMIUM - DISSOLVED	M		M	M	M
CALCIUM - DISSOLVED	M		M	M	M
CHLORIDE		B	B	B	B
CHROMIUM - DISSOLVED	M		M	M	M
COBALT - DISSOLVED	M		M	M	M
COPPER - DISSOLVED	M		M	M	M
CYANIDE, TOTAL		B	B	B	B
FLUORIDE		B	B	B	B
IRON - DISSOLVED	M		M	M	M
LEAD - DISSOLVED	M		M	M	M
LITHIUM - DISSOLVED	M		M	M	M
MAGNESIUM - DISSOLVED	M		M	M	M
MANGANESE - DISSOLVED	M		M	M	M
MERCURY - DISSOLVED	M		M	M	M
MOLYBDENUM - DISSOLVED	M		M	M	M
NICKEL - DISSOLVED	M		M	M	M
NITROGEN, NITRATE		B	B	B	B
PAH/PNA		B	B		B
POTASSIUM - DISSOLVED	M		M	M	M
SELENIUM - DISSOLVED	M		M	M	M
SILVER - DISSOLVED	M		M	M	M
SODIUM - DISSOLVED	M		M	M	M
SULFATE		B	B	B	B
ZINC - DISSOLVED	M		M	M	M

Code	Facility	Address	MI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	Not Certified
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	Not Certified

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

July 19, 2006

Client Services
Pace Analytical Green Bay
1241 Bellevue Street
Suite 9
Green Bay, WI 54302

RE: Project: 873844
Pace Project No.: 1035146

Dear Client Services:
Enclosed are the analytical results for sample(s) received by the laboratory on July 13, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Cory A Higbee

Cory.higbee@pacelabs.com
Project Coordinator

Illinois Certification #: 200011
Iowa Certification #: 368
Minnesota Certification #: 027-053-137
Wisconsin Certification #: 999407970

Enclosures

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

SAMPLE SUMMARY

Project: 873844
Pace Project No.: 1035146

Lab ID	Sample ID	Matrix	Date Collected	Date Received
873844001	EQB002	Water	07/11/06 00:00	07/13/06 09:25
873844003	MW-5	Water	07/11/06 00:00	07/13/06 09:25
873844004	MW-6	Water	07/11/06 00:00	07/13/06 09:25
873844005	MW-104	Water	07/11/06 00:00	07/13/06 09:25

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Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

SAMPLE ANALYTE COUNT

Project: 873844
Pace Project No.: 1035146

Lab ID	Sample ID	Method	Analytes Reported
873844001	EQB002	EPA 6020	23
		EPA 7470	1
873844003	MW-5	EPA 6020	23
		EPA 7470	1
873844004	MW-6	EPA 6020	23
		EPA 7470	1
873844005	MW-104	EPA 6020	23
		EPA 7470	1

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ANALYTICAL RESULTS

Project: 873844
Pace Project No.: 1035146

Sample: EQB002 **Lab ID: 873844001** Collected: 07/11/06 00:00 Received: 07/13/06 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	**5.7**	ug/L	1.6	0.49	1	07/13/06 00:00	07/14/06 21:42	7429-90-5	
Antimony	ND	ug/L	0.13	0.039	1	07/13/06 00:00	07/14/06 21:42	7440-36-0	
Arsenic	ND	ug/L	0.12	0.035	1	07/13/06 00:00	07/14/06 21:42	7440-38-2	
Barium	**0.043J**	ug/L	0.11	0.033	1	07/13/06 00:00	07/14/06 21:42	7440-39-3	
Beryllium	**37.6**	ug/L	0.057	0.017	1	07/13/06 00:00	07/14/06 21:42	7440-41-7	
Boron	**257**	ug/L	2.8	0.85	5	07/13/06 00:00	07/17/06 14:22	7440-42-8	
Cadmium	ND	ug/L	0.057	0.017	1	07/13/06 00:00	07/14/06 21:42	7440-43-9	
Calcium	**10.4**	ug/L	6.0	1.8	1	07/13/06 00:00	07/14/06 21:42	7440-70-2	
Chromium	**0.35**	ug/L	0.30	0.091	1	07/13/06 00:00	07/14/06 21:42	7440-47-3	
Cobalt	**0.011J**	ug/L	0.029	0.0087	1	07/13/06 00:00	07/14/06 21:42	7440-48-4	
Copper	**0.11**	ug/L	0.087	0.026	1	07/13/06 00:00	07/14/06 21:42	7440-50-8	
Iron	**24.0**	ug/L	21.0	6.3	1	07/13/06 00:00	07/14/06 21:42	7439-89-6	
Lead	**0.031J**	ug/L	0.10	0.030	1	07/13/06 00:00	07/14/06 21:42	7439-92-1	
Lithium	**1.3**	ug/L	0.047	0.014	1	07/13/06 00:00	07/14/06 21:42	7439-93-2	
Magnesium	**1.4**	ug/L	1.3	0.38	1	07/13/06 00:00	07/14/06 21:42	7439-95-4	
Manganese	**0.052J**	ug/L	0.16	0.047	1	07/13/06 00:00	07/14/06 21:42	7439-96-5	
Molybdenum	ND	ug/L	0.11	0.034	1	07/13/06 00:00	07/14/06 21:42	7439-98-7	
Nickel	**0.13J**	ug/L	0.14	0.043	1	07/13/06 00:00	07/14/06 21:42	7440-02-0	
Potassium	**26.3J**	ug/L	30.0	9.1	1	07/13/06 00:00	07/14/06 21:42	7440-09-7	
Selenium	ND	ug/L	0.40	0.12	1	07/13/06 00:00	07/14/06 21:42	7782-49-2	
Silver	ND	ug/L	0.14	0.043	1	07/13/06 00:00	07/18/06 11:55	7440-22-4	
Sodium	**4150**	ug/L	55.0	17.0	5	07/13/06 00:00	07/17/06 14:22	7440-23-5	
Zinc	**1.5**	ug/L	1.0	0.30	1	07/13/06 00:00	07/14/06 21:42	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	07/19/06 00:00	07/19/06 14:04	7439-97-6	

Sample: MW-5 **Lab ID: 873844003** Collected: 07/11/06 00:00 Received: 07/13/06 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	**389**	ug/L	8.0	2.4	5	07/13/06 00:00	07/14/06 21:58	7429-90-5	
Antimony	**0.090J**	ug/L	0.13	0.039	1	07/13/06 00:00	07/14/06 21:54	7440-36-0	
Arsenic	**95.7**	ug/L	0.12	0.035	1	07/13/06 00:00	07/14/06 21:54	7440-38-2	
Barium	**229**	ug/L	0.55	0.16	5	07/13/06 00:00	07/14/06 21:58	7440-39-3	
Beryllium	**65.9**	ug/L	0.057	0.017	1	07/13/06 00:00	07/14/06 21:54	7440-41-7	
Boron	**611**	ug/L	2.8	0.85	5	07/13/06 00:00	07/14/06 21:58	7440-42-8	
Cadmium	ND	ug/L	0.057	0.017	1	07/13/06 00:00	07/14/06 21:54	7440-43-9	
Calcium	**48400**	ug/L	300	90.0	50	07/13/06 00:00	07/14/06 22:02	7440-70-2	
Chromium	**10.1**	ug/L	0.30	0.091	1	07/13/06 00:00	07/14/06 21:54	7440-47-3	
Cobalt	**2.3**	ug/L	0.029	0.0087	1	07/13/06 00:00	07/14/06 21:54	7440-48-4	
Copper	**0.27**	ug/L	0.087	0.026	1	07/13/06 00:00	07/14/06 21:54	7440-50-8	
Iron	**166000**	ug/L	10500	3150	500	07/13/06 00:00	07/18/06 14:33	7439-89-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 873844
Pace Project No.: 1035146

Sample: MW-5 Lab ID: 873844003 Collected: 07/11/06 00:00 Received: 07/13/06 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Lead	**0.13**	ug/L	0.10	0.030	1	07/13/06 00:00	07/14/06 21:54	7439-92-1	
Lithium	**0.30**	ug/L	0.047	0.014	1	07/13/06 00:00	07/14/06 21:54	7439-93-2	
Magnesium	**14900**	ug/L	65.0	19.0	50	07/13/06 00:00	07/14/06 22:02	7439-95-4	
Manganese	**4460**	ug/L	8.0	2.4	50	07/13/06 00:00	07/14/06 22:02	7439-96-5	
Molybdenum	**4.0**	ug/L	0.11	0.034	1	07/13/06 00:00	07/14/06 21:54	7439-98-7	
Nickel	**12.3**	ug/L	0.14	0.043	1	07/13/06 00:00	07/14/06 21:54	7440-02-0	
Potassium	**10200**	ug/L	150	45.5	5	07/13/06 00:00	07/14/06 21:58	7440-09-7	
Selenium	**0.99**	ug/L	0.40	0.12	1	07/13/06 00:00	07/14/06 21:54	7782-49-2	
Silver	**0.044J**	ug/L	0.14	0.043	1	07/13/06 00:00	07/18/06 11:59	7440-22-4	
Sodium	**87100**	ug/L	550	170	50	07/13/06 00:00	07/17/06 14:30	7440-23-5	
Zinc	**3.1**	ug/L	1.0	0.30	1	07/13/06 00:00	07/14/06 21:54	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	07/19/06 00:00	07/19/06 14:06	7439-97-6	

Sample: MW-6 Lab ID: 873844004 Collected: 07/11/06 00:00 Received: 07/13/06 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	**88.7**	ug/L	1.6	0.49	1	07/13/06 00:00	07/14/06 22:06	7429-90-5	
Antimony	**0.12J**	ug/L	0.13	0.039	1	07/13/06 00:00	07/14/06 22:06	7440-36-0	
Arsenic	**3.3**	ug/L	0.12	0.035	1	07/13/06 00:00	07/14/06 22:06	7440-38-2	
Barium	**23.0**	ug/L	0.11	0.033	1	07/13/06 00:00	07/14/06 22:06	7440-39-3	
Beryllium	**12.6**	ug/L	0.057	0.017	1	07/13/06 00:00	07/14/06 22:06	7440-41-7	
Boron	**81.8**	ug/L	0.57	0.17	1	07/13/06 00:00	07/14/06 22:06	7440-42-8	
Cadmium	**0.024J**	ug/L	0.057	0.017	1	07/13/06 00:00	07/14/06 22:06	7440-43-9	
Calcium	**258000**	ug/L	3000	900	500	07/13/06 00:00	07/18/06 14:37	7440-70-2	
Chromium	**3.2**	ug/L	0.30	0.091	1	07/13/06 00:00	07/14/06 22:06	7440-47-3	
Cobalt	**4.9**	ug/L	0.029	0.0087	1	07/13/06 00:00	07/14/06 22:06	7440-48-4	
Copper	**2.1**	ug/L	0.087	0.026	1	07/13/06 00:00	07/14/06 22:06	7440-50-8	
Iron	**214000**	ug/L	10500	3150	500	07/13/06 00:00	07/18/06 14:37	7439-89-6	
Lead	**0.085J**	ug/L	0.10	0.030	1	07/13/06 00:00	07/14/06 22:06	7439-92-1	
Lithium	**6.0**	ug/L	0.047	0.014	1	07/13/06 00:00	07/14/06 22:06	7439-93-2	
Magnesium	**119000**	ug/L	65.0	19.0	50	07/13/06 00:00	07/14/06 22:14	7439-95-4	
Manganese	**10900**	ug/L	80.0	23.5	500	07/13/06 00:00	07/18/06 14:37	7439-96-5	
Molybdenum	**1.8**	ug/L	0.11	0.034	1	07/13/06 00:00	07/14/06 22:06	7439-98-7	
Nickel	**23.1**	ug/L	0.14	0.043	1	07/13/06 00:00	07/14/06 22:06	7440-02-0	
Potassium	**6700**	ug/L	150	45.5	5	07/13/06 00:00	07/14/06 22:10	7440-09-7	
Selenium	**0.80**	ug/L	0.40	0.12	1	07/13/06 00:00	07/14/06 22:06	7782-49-2	
Silver	ND	ug/L	0.14	0.043	1	07/13/06 00:00	07/18/06 12:03	7440-22-4	
Sodium	**19600**	ug/L	550	170	50	07/13/06 00:00	07/17/06 14:38	7440-23-5	
Zinc	**42.0**	ug/L	1.0	0.30	1	07/13/06 00:00	07/14/06 22:06	7440-66-6	

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ANALYTICAL RESULTS

Project: 873844
Pace Project No.: 1035146

Sample: MW-6 Lab ID: 873844004 Collected: 07/11/06 00:00 Received: 07/13/06 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	07/19/06 00:00	07/19/06 14:07	7439-97-6	

Sample: MW-104 Lab ID: 873844005 Collected: 07/11/06 00:00 Received: 07/13/06 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020								
Aluminum	**76.4**	ug/L	1.6	0.49	1	07/13/06 00:00	07/14/06 22:39	7429-90-5	
Antimony	**0.19**	ug/L	0.13	0.039	1	07/13/06 00:00	07/14/06 22:39	7440-36-0	
Arsenic	**30.0**	ug/L	0.12	0.035	1	07/13/06 00:00	07/14/06 22:39	7440-38-2	
Barium	**298**	ug/L	0.55	0.16	5	07/13/06 00:00	07/14/06 22:43	7440-39-3	
Beryllium	**9.9**	ug/L	0.057	0.017	1	07/13/06 00:00	07/14/06 22:39	7440-41-7	
Boron	**63.8**	ug/L	0.57	0.17	1	07/13/06 00:00	07/14/06 22:39	7440-42-8	
Cadmium	ND	ug/L	0.057	0.017	1	07/13/06 00:00	07/14/06 22:39	7440-43-9	
Calcium	**17300**	ug/L	300	90.0	50	07/13/06 00:00	07/14/06 22:47	7440-70-2	
Chromium	**2.8**	ug/L	0.30	0.091	1	07/13/06 00:00	07/14/06 22:39	7440-47-3	
Cobalt	**0.15**	ug/L	0.029	0.0087	1	07/13/06 00:00	07/14/06 22:39	7440-48-4	
Copper	**0.28**	ug/L	0.087	0.026	1	07/13/06 00:00	07/14/06 22:39	7440-50-8	
Iron	**48000**	ug/L	1050	315	50	07/13/06 00:00	07/14/06 22:47	7439-89-6	
Lead	**0.34**	ug/L	0.10	0.030	1	07/13/06 00:00	07/14/06 22:39	7439-92-1	
Lithium	**1.8**	ug/L	0.047	0.014	1	07/13/06 00:00	07/14/06 22:39	7439-93-2	
Magnesium	**4540**	ug/L	6.5	1.9	5	07/13/06 00:00	07/14/06 22:43	7439-95-4	
Manganese	**2140**	ug/L	8.0	2.4	50	07/13/06 00:00	07/14/06 22:47	7439-96-5	
Molybdenum	**0.51**	ug/L	0.11	0.034	1	07/13/06 00:00	07/14/06 22:39	7439-98-7	
Nickel	**1.6**	ug/L	0.14	0.043	1	07/13/06 00:00	07/14/06 22:39	7440-02-0	
Potassium	**3870**	ug/L	150	45.5	5	07/13/06 00:00	07/14/06 22:43	7440-09-7	
Selenium	ND	ug/L	0.40	0.12	1	07/13/06 00:00	07/14/06 22:39	7782-49-2	
Silver	ND	ug/L	0.14	0.043	1	07/13/06 00:00	07/18/06 12:07	7440-22-4	
Sodium	**7560**	ug/L	55.0	17.0	5	07/13/06 00:00	07/17/06 14:42	7440-23-5	
Zinc	**9.6**	ug/L	1.0	0.30	1	07/13/06 00:00	07/14/06 22:39	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	07/19/06 00:00	07/19/06 14:11	7439-97-6	

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QUALITY CONTROL DATA

Project: 873844
Pace Project No.: 1035146

QC Batch: MPRP/6677
QC Batch Method: EPA 3020
Analysis Method: EPA 6020
Analysis Description: 6020 MET
Associated Lab Samples: 873844001, 873844003, 873844004, 873844005

METHOD BLANK: 238438
Associated Lab Samples: 873844001, 873844003, 873844004, 873844005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Silver	ug/L	0.044J	0.14	
Aluminum	ug/L	0.65J	1.6	
Boron	ug/L	0.82	0.57	
Beryllium	ug/L	0.10	0.057	
Arsenic	ug/L	ND	0.12	
Lithium	ug/L	ND	0.047	
Barium	ug/L	ND	0.11	
Calcium	ug/L	5.9J	6.0	
Cadmium	ug/L	ND	0.057	
Cobalt	ug/L	ND	0.029	
Chromium	ug/L	0.23J	0.30	
Copper	ug/L	0.13	0.087	
Iron	ug/L	15.4J	21.0	
Potassium	ug/L	ND	30.0	
Magnesium	ug/L	0.73J	1.3	
Manganese	ug/L	0.40	0.16	
Molybdenum	ug/L	ND	0.11	
Sodium	ug/L	ND	11.0	
Nickel	ug/L	0.064J	0.14	
Lead	ug/L	ND	0.10	
Antimony	ug/L	ND	0.13	
Selenium	ug/L	ND	0.40	
Zinc	ug/L	1.0	1.0	

LABORATORY CONTROL SAMPLE: 238439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Silver	ug/L	80	82.2	103	85-115	
Aluminum	ug/L	80	78.6	98	85-115	
Boron	ug/L	80	85.1	106	85-115	
Lithium	ug/L	80	77.4	97	85-115	
Arsenic	ug/L	80	80.6	101	85-115	
Beryllium	ug/L	80	85.6	107	85-115	
Barium	ug/L	80	80.8	101	85-115	
Calcium	ug/L	1000	1030	103	85-115	
Cadmium	ug/L	80	78.4	98	85-115	
Cobalt	ug/L	80	79.6	100	85-115	
Chromium	ug/L	80	80.4	101	85-115	
Copper	ug/L	80	83.7	105	85-115	
Iron	ug/L	1000	1060	106	85-115	
Potassium	ug/L	1000	987	99	85-115	

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QUALITY CONTROL DATA

Project: 873844
Pace Project No.: 1035146

LABORATORY CONTROL SAMPLE: 238439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Magnesium	ug/L	1000	951	95	85-115	
Manganese	ug/L	80	80.2	100	85-115	
Molybdenum	ug/L	80	79.1	99	85-115	
Sodium	ug/L	1000	938	94	85-115	
Nickel	ug/L	80	82.0	102	85-115	
Lead	ug/L	80	77.0	96	85-115	
Antimony	ug/L	80	85.4	107	85-115	
Selenium	ug/L	160	160	100	85-115	
Zinc	ug/L	80	82.3	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 238506 238507

Parameter	Units	873844005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Aluminum	ug/L	76.4	80	80	167	165	114	111	70-130	1	20	
Arsenic	ug/L	30.0	80	80	106	106	95	96	70-130	.3	20	
Boron	ug/L	63.8	80	80	176	179	141	144	70-130	2	20	M0
Barium	ug/L	298	80	80	375	373	96	93	70-130	.5	20	
Beryllium	ug/L	9.9	80	80	121	124	139	142	70-130	2	20	M0
Cadmium	ug/L	ND	80	80	77.4	78.3	97	98	70-130	1	20	
Cobalt	ug/L	0.15	80	80	78.6	78.8	98	98	70-130	.2	20	
Chromium	ug/L	2.8	80	80	82.7	85.0	100	103	70-130	3	20	
Copper	ug/L	0.28	80	80	76.0	76.6	95	95	70-130	.8	20	
Potassium	ug/L	3870	1000	1000	4760	4680	89	81	70-130	2	20	
Lithium	ug/L	1.8	80	80	132	135	163	166	70-130	2	20	M0
Magnesium	ug/L	4540	1000	1000	5530	5490	99	94	70-130	.8	20	
Molybdenum	ug/L	0.51	80	80	81.1	80.2	101	100	70-130	1	20	
Sodium	ug/L	7560	1000	1000	7620	7530	6	-3	70-130	1	20	1M
Nickel	ug/L	1.6	80	80	77.9	78.8	95	96	70-130	1	20	
Lead	ug/L	0.34	80	80	76.2	76.1	95	95	70-130	.07	20	
Antimony	ug/L	0.19	80	80	81.6	80.6	102	100	70-130	1	20	
Selenium	ug/L	ND	160	160	144	146	90	91	70-130	2	20	
Zinc	ug/L	9.6	80	80	93.4	91.3	105	102	70-130	2	20	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 239001 239002

Parameter	Units	873844004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Silver	ug/L	ND	80	80	69.6	68.2	87	85	70-130	2	20	

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QUALITY CONTROL DATA

Project: 873844
Pace Project No.: 1035146

QC Batch: MERP/1189
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury
Associated Lab Samples: 873844001, 873844003, 873844004, 873844005

METHOD BLANK: 239965
Associated Lab Samples: 873844001, 873844003, 873844004, 873844005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Mercury	ug/L	ND	0.20	

LABORATORY CONTROL SAMPLE: 239966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	5	4.9	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 240042 240043

Parameter	Units	1035164001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	5	5	5.4	5.0	108	99	70-130	8	30	

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, Inc..

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: (612)607-1700
Fax: (612)607-6444

QUALIFIERS

Project: 873844
Pace Project No.: 1035146

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
S - Surrogate
1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.

ANALYTE QUALIFIERS

M0	Matrix spike recovery was outside laboratory control limits.
1M	Matrix spike recovery was outside laboratory limits due to high concentration in patent sample.

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Sample Condition Upon Receipt

Pace Analytical

Client Name: Foth & Van Dyke Project # 873844

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other ____

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other ____

Thermometer Used NA Type of Ice: (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature R01 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 7/12/06 MWY

Temp should be above freezing to 6°C Comments: cl 7/12/06

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☒No cl 7/12 ☐N/A	6. NO3
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC: cl 7/12	☒Yes ☒No ☐N/A	12. No collection date on COC labeled as 7/11/06
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. MWY	☒Yes ☐No ☐N/A	MWY
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☐Yes ☒No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: ____ Date/Time: ____

Comments/ Resolution: No container checked off on COC cl 7/12/06

Project Manager Review: KK for TW **Date:** 7/25/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Analytical®

Page: 1 of 1

092434

Section A
Required Client Information:

Company:	Foth & Van Dyke
Address:	Green Bay, WI
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	Janis Kesy
Copy To:	
Purchase Order No.:	
Project Name:	Humboldt Mill
Project Number:	

Section C
Invoice Information:

Attention:	Janis Kesy
Company Name:	Foth & Van Dyke
Address:	Green Bay, WI
Pace Quote Reference:	
Pace Project Manager:	Tom Nolteneyer
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other_____

SITE LOCATION: ☐GA ☐IL ☐IN ☑MI ☐MN ☐NC ☐OH ☐SC ☐WI ☐OTHER_____

Section D Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis: 5 VOCs + 10 Gasoline	BTEX + MTBE + Naphthalene	Methane, Ethane, Ethene	Chloride - EPA 300.0	Conductivity - SM 2510B	Residual Chlorine (Y/N)	Pace Project Number / Lab I.D
																		N	N	Y	Y	N	N		
1	EQBOOZ	WT	G				1050	NM	7			2													001
2	FBOOZ	WT	G				1050	NM	6	2			3	1											002
3	MW-5	WT	G				1220	18.9	9	3		2	3	1											003
4	MW-6	WT	G				1030	NM	4	1		2		1											004
5	MW-104	WT	G				1515	NM	8	2		2	3	1											005
6																									
7																									
8																									
9																									
10																									
11																									
12																									

Pace Project Number Lab I.D

873849

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Andrew Mirracchi	7/11/06	16:30			
Fedex	7/11/06	10:10	Beach MI Spoke	7/12/06	8:00

SAMPLE CONDITION

Temp in °C	Received on Ice Y/N	Custody Sealed Cooler Y/N	Samples Intact Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Andrew Mirracchi

SIGNATURE of SAMPLER: _____ DATE Signed (MM / DD / YY): _____

Additional Comments:

Shipped Via FedEx
7919 9194 4632
~~# 7970 4514 2598~~

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873844
Lab Section: WETCHEM
QC Batch Number: 12671
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1918-060MB	WCG1918-060MB
LCS	WCG1918-060MBLCS	WCG1918-060MBLCS
MS	873833-005MS	873833-005MS
MS	873813-010MS	873813-010MS
MSD	873833-005MSD	873833-005MSD
MSD	873813-010MSD	873813-010MSD

Client Sample ID	Lab Sample ID	MB ID
FB002	873844-002	MB
MW-6	873844-004	MB

Client Sample ID	Lab Sample ID	MB ID
MW-5	873844-003	MB
MW-104	873844-005	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	0.82	20.0	18.7	93.5		—	—	—		—			90	110	20	873813-010		42.7	20.0	62.5	98.9		20.0	62.6	99.4		0.1			90	110	20
Sulfate	<	0.77	16.0	15	94.0		—	—	—		—			90	110	20	873813-010		27.6	16.0	44.2	103.9		16.0	44.4	105.2		0.5			90	110	20
Chloride	<	0.82	20.0	18.7	93.5		—	—	—		—			90	110	20	873833-005	<	0.82	20.0	19.2	96.2		20.0	19.1	95.7		0.5			90	110	20
Fluoride	<	0.096	2.0	2	101.0		—	—	—		—			90	110	20	873833-005	<	0.096	2.0	2	102.5		2.0	2	102.5		0.0			90	110	20
Nitrogen, Nitrate	<	0.088	1.6	1.5	95.0		—	—	—		—			90	110	20	873833-005	<	0.05	1.6	1.6	97.5		1.6	1.6	97.5		0.0			90	110	20
Sulfate	<	0.77	16.0	15	94.0		—	—	—		—			90	110	20	873833-005	<	0.77	16.0	16.1	100.7		16.0	15.5	96.7		4.1			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12671

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873844
Lab Section: GAS
QC Batch Number: 12682
Prep Method: SW846 5030B
Analytical Method: SW846 M8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG1956-25MB	GG1956-25MB
LCS	GG1956-25MBLCS	GG1956-25MBLCS
LCSD	GG1956-25MBLCSD	GG1956-25MBLCSD
MS	872546-060MS	872546-060MS
MSD	872546-060MSD	872546-060MSD

Client Sample ID	Lab Sample ID	MB ID
FB002	873844-002	MB

Client Sample ID	Lab Sample ID	MB ID
MW-5	873844-003	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzene	<	0.14	20.0	22.4	112		20.0	22.2	111		0.6			85	115	20	872546-060	4.42	20.0	26.9	112		20.0	26.9	112		0.1			80	120	20
Ethylbenzene	<	0.4	20.0	22.3	112		20.0	21.8	109		2.4			85	115	20	872546-060	7.92	20.0	30.6	113		20.0	30.9	115		1.2			80	120	20
Toluene	<	0.36	20.0	22.3	111		20.0	21.9	110		1.6			85	115	20	872546-060	1.68	20.0	24.3	113		20.0	24.4	114		0.7			80	120	20
Xylene, o	<	0.36	20.0	21.8	109		20.0	21.4	107		1.9			85	115	20	872546-060	2.84	20.0	24.9	111		20.0	25.3	112		1.2			80	120	20
Xylenes, m + p	<	0.74	40.0	44.3	111		40.0	43.1	108		2.8			85	115	20	872546-060	17.1	40.0	61.9	112		40.0	62.9	114		1.6			78	124	20
a,a,a-Trifluorotoluene		102%	—	---	102		---	—	102		—			80	124	—	872546-060	104%	—	---	103		—	—	104		—			80	124	—

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12682

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873844
Lab Section: GAS
QC Batch Number: 12686
Prep Method: SW846 5030B
Analytical Method: SW846 M8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG1956-26MB	GG1956-26MB
LCS	GG1956-26MBLCS	GG1956-26MBLCS
LCSD	GG1956-26MBLCSD	GG1956-26MBLCSD
MS	873872-004MS	873872-004MS
MSD	873872-004MSD	873872-004MSD

Client Sample ID	Lab Sample ID	MB ID
MW-104	873844-005	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzene	<	0.14	20.00	21.8	109		20.00	22	110		0.8			85	115	20	873872-004	68.19	200.0	273.8	103		200.0	269.1	100		1.8			80	120	20
Ethylbenzene	<	0.4	20.000	21.5	107		20.000	21.6	108		0.6			85	115	20	873872-004	1077.9	200.00	1273.9	98		200.00	1236.4	79	N	3.0			80	120	20
Toluene	<	0.36	20.00	21.8	109		20.00	22.3	111		2.1			85	115	20	873872-004	155.6	200.0	364.8	105		200.0	360.5	102		1.2			80	120	20
Xylene, o	<	0.36	20.000	21.1	105		20.000	21.3	107		1.2			85	115	20	873872-004	844.60	200.00	1034.3	95		200.00	1008.4	82		2.5			80	120	20
Xylenes, m + p	<	0.74	40.000	43.2	108		40.000	43.8	109		1.4			85	115	20	873872-004	2738.9	400.00	3101.3	91		400.00	2992.7	63	N	3.6			78	124	20
a,a,a-Trifluorotoluene		103%	—	—	103		—	—	102		—			80	124	—	873872-004	99%	—	—	99		—	—	99		—			80	124	—

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12686

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873844
Lab Section: WETCHEM
QC Batch Number: 12708
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	wcg1919-013mb	wcg1919-013mb
LCS	wcg1919-013mbLCS	wcg1919-013mbLCS
MS	873650-002MS	873650-002MS
MSD	873650-002MSD	873650-002MSD

Client Sample ID	Lab Sample ID	MB ID
FB002	873844-002	MB
MW-6	873844-004	MB

Client Sample ID	Lab Sample ID	MB ID
MW-5	873844-003	MB
MW-104	873844-005	MB

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12708

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873844
Lab Section: BNASIM
QC Batch Number: 12717
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-12MB	svog1945-12MB
LCS	svog1945-12LCS	svog1945-12LCS
LCSD	svog1945-12LCSD	svog1945-12LCSD
MS	873832-001MS	873832-001MS

Client Sample ID	Lab Sample ID	MB ID
FB002	873844-002	MB
MW-104	873844-005	MB
MW-5	873844-003	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	< 0.0086	0.20	0.17	86		0.20	0.19	97		11.7			40	126	23	873832-001	< 0.0082	0.19	0.17	90		---	---	---		---			56	113	24
Acenaphthylene	< 0.0086	0.20	0.16	82		0.20	0.18	92		12.1			39	127	24	873832-001	< 0.0081	0.19	0.17	90		---	---	---		---			56	115	24
Anthracene	< 0.012	0.20	0.18	88		0.20	0.19	93		5.9			39	139	27	873832-001	< 0.012	0.19	0.18	93		---	---	---		---			55	126	20
Benzo(a)anthracene	< 0.017	0.20	0.18	91		0.20	0.19	93		2.3			48	146	20	873832-001	< 0.016	0.19	0.2	104		---	---	---		---			45	150	20
Benzo(a)pyrene	< 0.019	0.20	0.19	95		0.20	0.2	101		5.1			61	136	20	873832-001	< 0.018	0.19	0.19	99		---	---	---		---			72	129	20
Benzo(b)fluoranthene	< 0.017	0.20	0.19	96		0.20	0.2	102		6.7			51	141	20	873832-001	< 0.016	0.19	0.19	103		---	---	---		---			72	134	20
Benzo(ghi)perylene	< 0.02	0.20	0.2	98		0.20	0.21	103		5.0			57	136	20	873832-001	< 0.019	0.19	0.19	102		---	---	---		---			72	128	20
Benzo(k)fluoranthene	< 0.02	0.20	0.21	104		0.20	0.22	108		3.5			61	149	20	873832-001	< 0.019	0.19	0.19	99		---	---	---		---			75	129	20
Chrysene	< 0.02	0.20	0.21	104		0.20	0.22	108		3.7			61	150	20	873832-001	< 0.019	0.19	0.19	101		---	---	---		---			71	136	20
Dibenz(a,h)anthracene	< 0.02	0.20	0.19	96		0.20	0.2	102		5.1			46	150	20	873832-001	< 0.019	0.19	0.2	105		---	---	---		---			43	150	20
Fluoranthene	< 0.016	0.20	0.19	93		0.20	0.19	97		4.8			48	145	20	873832-001	< 0.015	0.19	0.19	99		---	---	---		---			58	137	20
Fluorene	< 0.0096	0.20	0.18	90		0.20	0.2	101		11.4			40	131	25	873832-001	< 0.0091	0.19	0.18	96		---	---	---		---			56	121	21
Indeno(1,2,3-cd)pyrene	< 0.02	0.20	0.19	97		0.20	0.2	101		4.3			54	143	20	873832-001	< 0.019	0.19	0.2	104		---	---	---		---			71	140	20
Naphthalene	< 0.013	0.20	0.16	81		0.20	0.18	92		12.3			45	131	30	873832-001	< 0.012	0.19	0.16	87		---	---	---		---			53	107	31
Phenanthrene	< 0.012	0.20	0.17	85		0.20	0.18	92		7.8			40	131	25	873832-001	< 0.011	0.19	0.17	93		---	---	---		---			58	138	20
Pyrene	< 0.015	0.20	0.19	97		0.20	0.2	102		4.2			55	135	20	873832-001	< 0.015	0.19	0.19	100		---	---	---		---			71	136	20
Nitrobenzene-d5	63%	---	---	58		---	---	67		---			10	150	---	873832-001	54%	---	---	69		---	---	---		---			10	150	---
2-Fluorobiphenyl	71%	---	---	68		---	---	73		---			20	111	---	873832-001	58%	---	---	71		---	---	---		---			20	111	---
Terphenyl-d14	83%	---	---	80		---	---	82		---			44	115	---	873832-001	80%	---	---	82		---	---	---		---			44	115	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12717

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 873844
Lab Section: WETCHEM
QC Batch Number: 12824
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1901-059MB	WCG1901-059MB
LCS	WCG1901-059MBLCS	WCG1901-059MBLCS
MS	873996-001MS	873996-001MS
MS	873863-004MS	873863-004MS
MSD	873996-001MSD	873996-001MSD
MSD	873863-004MSD	873863-004MSD

Client Sample ID	Lab Sample ID	MB ID
FB002	873844-002	MB
MW-6	873844-004	MB

Client Sample ID	Lab Sample ID	MB ID
MW-5	873844-003	MB
MW-104	873844-005	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.1	99.7		---	---	---		---			90	110	20	873863-004	<	0.0094	0.10	0.11	107.3		0.10	0.12	115.6	N	7.4			90	110	20
Cyanide, Total	<	0.0094	0.10	0.1	99.7		---	---	---		---			90	110	20	873996-001	<	0.0094	0.10	0.11	113.6	N	0.10	0.12	115.5	N	1.7			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2006
QC Batch Number: 12824

November 2006

Batch No. 878070

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

November 22, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 878070 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Allen for Tod N.

Tod Noltemeyer
Project Manager

(Please Print Clearly)

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www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

COC No. 015064

CHAIN OF CUSTODY

Company Name:	NorthJacksonCo
Branch/Location:	
Project Contact:	J. Kesey - Foth&VanDyke
Phone:	
Project Number:	
Project Name:	HumSolds Mill
Project State:	MI
Sampled By (Print):	DanWittke, Andy Marcisz, Richard Eagle
Sampled By (Sign):	
PO #:	Regulatory Program:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other = NaOH+ZnAc

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	J. Kesey
Invoice To Company:	
Invoice To Address:	Foth&VanDyke
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A				
					Y	A				
					N	B				
					N	C				
					Y	D				
					N	G				
					N	J				
001	PW-2	11-2-06	1335	GW	5	1	3	1	2	1	1		3-1 L Amber, 6-250 poly, 1-500 poly, 3-40 vial, 1-500 clear 515.1	
002	~~MW-7~~ MW-11		1350		5	1	3	1	2	1	1			
003	MW-101		1045		5	1	3	1	2	1	1			
004	MW-103		1040		5	1	3	1	2	1	1			
005	~~MW-14~~ MW-12		1350		5	1	3	1	2	1	1			
006	DUP001				5	1	3	1	2	1	1			
007	FBK001		1000		5	1	3	1	2	1	1			

see FUD parameter list

TRK#s 7950 3036 1085 7952 8764 7896 5
7922 3341 9474 7915 2729 4814

(COC)

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: Dan Wittke	Date/Time: 11-2-06 1730	Received By: Fed Ex	Date/Time: 11-3-06 1025
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: Fed Ex	Date/Time: 11-3-06 1025	Received By: LeAnne Murkin	Date/Time: 11-3-06 1025
Email #1:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Email #2:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Telephone:	Relinquished By:	Date/Time:	Received By:	Date/Time:
Fax:				

Samples on HOLD are subject to special pricing and release of liability

PACE Project No. 8780970

Receipt Temp = 1 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 878070

Client: FOTH & VAN DYKE

Lab Contact: Tod Noltemeyer

Project Name: HUMBOLDT MILL

Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
878070-001	PW-2	GW	11/02/06
878070-002	MW-11	GW	11/02/06
878070-003	MW-101	GW	11/02/06
878070-004	MW-103	GW	11/02/06
878070-005	MW-12	GW	11/02/06
878070-006	DUP001	GW	11/02/06
878070-007	FBK001	GW	11/02/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alec Lin for Tod N

Approval Signature

11/25/06

Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-2

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	22	B	6.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.28	B	0.24	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	0.33	B	0.13	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Barium - Dissolved	22		0.12	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Boron - Dissolved	85		1.2	10	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	2.1		0.14	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Calcium - Dissolved	62000		130	5000	10	ug/L		11/20/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.41	B	0.32	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	27		0.026	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Copper - Dissolved	1.3		0.15	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Hardness - Dissolved	290		1.5	20	10	mg/L		11/20/06	SW846 3020A	6020/2340B
Iron - Dissolved	580		9.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.11	B	0.049	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lithium - Dissolved	9.2		0.070	0.24	1	ug/L		11/11/06	EPA 3020	EPA 6020
Magnesium - Dissolved	33000		46	5000	10	ug/L		11/20/06	SW846 3020A	SW846 6020
Manganese - Dissolved	810		0.12	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.8		0.61	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Nickel - Dissolved	79		0.32	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3500		5.7	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	5.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Sodium - Dissolved	4000		17	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.080	B	0.053	1.0	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.49	B	0.10	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Zinc - Dissolved	50		0.98	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.501		0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	130		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Chloride	4.1	B	0.82	5.0	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.31	B	0.096	0.50	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.20	U	0.20	0.50	1	mg/L		11/10/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.48		0.040	0.10	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Sulfate	160		7.7	40	10	mg/L		11/07/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/06/06	EPA 376.1	EPA 376.1
Total Alkalinity	130		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-2

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-001

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Toluene	1.7		0.67	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	91		64	132	1	%		11/07/06	SW846 5030B	SW846 8260B
Toluene-d8	109		73	127	1	%		11/07/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	111		68	122	1	%		11/07/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-2

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-001

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.013	J	0.012	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	54		10	150	1	%		11/06/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	58		20	111	1	%		11/06/06	SW846 3510C	8270C-SIM
Terphenyl-d14	79		44	115	1	%		11/06/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-11

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	430		6.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.31	B	0.24	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	18		0.13	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Barium - Dissolved	490		0.12	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.18	B	0.10	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Boron - Dissolved	20		1.2	10	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Calcium - Dissolved	250000		130	5000	10	ug/L		11/20/06	SW846 3020A	SW846 6020
Chromium - Dissolved	8.9		0.32	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	12		0.026	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Copper - Dissolved	2.2		0.15	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Hardness - Dissolved	1000		1.5	20	10	mg/L		11/20/06	SW846 3020A	6020/2340B
Iron - Dissolved	270000		93	500	10	ug/L		11/20/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.13	B	0.049	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lithium - Dissolved	1.8		0.070	0.24	1	ug/L		11/11/06	EPA 3020	EPA 6020
Magnesium - Dissolved	94000		46	5000	10	ug/L		11/20/06	SW846 3020A	SW846 6020
Manganese - Dissolved	19000		1.2	10	10	ug/L		11/20/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	2.5		0.61	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Nickel - Dissolved	2.4		0.32	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Potassium - Dissolved	14000		5.7	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Selenium - Dissolved	2.6		0.67	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	5.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Sodium - Dissolved	51000		170	5000	10	ug/L		11/20/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	16		0.10	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Zinc - Dissolved	8.5	B	0.98	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	1.55		0.365	1.00	2	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	560		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Chloride	36		0.82	5.0	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	22		0.39	1.0	2	mg/L		11/10/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Sulfate	0.77	U	0.77	4.0	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/06/06	EPA 376.1	EPA 376.1
Total Alkalinity	560		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-11

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-002

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L	&M	11/07/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L	&M	11/07/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L	&M	11/07/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L	M	11/07/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	92		64	132	1	%		11/07/06	SW846 5030B	SW846 8260B
Toluene-d8	110		73	127	1	%		11/07/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	108		68	122	1	%		11/07/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-11

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-002

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.014	J	0.012	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	51		10	150	1	%		11/06/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	48		20	111	1	%		11/06/06	SW846 3510C	8270C-SIM
Terphenyl-d14	60		44	115	1	%		11/06/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1221	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1232	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1242	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1248	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1254	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1260	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Total PCBs	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	68		42	122	1	%		11/08/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	41		10	128	1	%		11/08/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-101

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	37	B	6.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	31		0.13	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Barium - Dissolved	81		0.12	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Boron - Dissolved	84		1.2	10	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Calcium - Dissolved	33000		13	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Chromium - Dissolved	1.8		0.32	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.22	B	0.026	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.23	B	0.15	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Hardness - Dissolved	11		0.15	2.0	1	mg/L		11/15/06	SW846 3020A	6020/2340B
Iron - Dissolved	37000		9.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lithium - Dissolved	0.63		0.070	0.24	1	ug/L		11/11/06	EPA 3020	EPA 6020
Magnesium - Dissolved	8600		4.6	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Manganese - Dissolved	6800		1.2	10	10	ug/L		11/20/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.4		0.61	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.41	B	0.32	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Potassium - Dissolved	4300		5.7	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	5.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Sodium - Dissolved	6800		17	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	3.5		0.10	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Zinc - Dissolved	2.9	B	0.98	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.545		0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	160		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Chloride	3.7	B	0.82	5.0	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.48	B	0.096	0.50	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	2.1		0.20	0.50	1	mg/L		11/10/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Sulfate	1.5	B	0.77	4.0	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/06/06	EPA 376.1	EPA 376.1
Total Alkalinity	160		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-101

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-003

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	92		64	132	1	%		11/07/06	SW846 5030B	SW846 8260B
Toluene-d8	108		73	127	1	%		11/07/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	120		68	122	1	%		11/07/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.40		0.016	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.054	J	0.016	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Anthracene	0.023	U	0.023	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.031	U	0.031	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.037	U	0.037	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.031	U	0.031	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.039	U	0.039	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.039	U	0.039	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Chrysene	0.038	U	0.038	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.038	U	0.038	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluoranthene	0.031	U	0.031	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluorene	0.27		0.018	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.038	U	0.038	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-101

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-003

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.32		0.025	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Phenanthrene	0.049	J	0.023	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Pyrene	0.029	U	0.029	0.094	2	ug/L		11/06/06	SW846 3510C	8270C-SIM
Surrogate			LCL	UCL						
Nitrobenzene-d5	31		10	150	2	%		11/06/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	33		20	111	2	%		11/06/06	SW846 3510C	8270C-SIM
Terphenyl-d14	64		44	115	2	%		11/06/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1221	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1232	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1242	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1248	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1254	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1260	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Total PCBs	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Surrogate			LCL	UCL						
Tetrachloro-m-xylene	86		42	122	1	%		11/08/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	61		10	128	1	%		11/08/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-103

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	13	B	6.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	14		0.13	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Barium - Dissolved	83		0.12	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Boron - Dissolved	45		1.2	10	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Calcium - Dissolved	52000		130	5000	10	ug/L		11/20/06	SW846 3020A	SW846 6020
Chromium - Dissolved	1.4		0.32	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.31	B	0.026	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.15	U	0.15	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Hardness - Dissolved	200		1.5	20	10	mg/L		11/20/06	SW846 3020A	6020/2340B
Iron - Dissolved	57000		93	500	10	ug/L		11/20/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lithium - Dissolved	1.0		0.070	0.24	1	ug/L		11/11/06	EPA 3020	EPA 6020
Magnesium - Dissolved	18000		46	5000	10	ug/L		11/20/06	SW846 3020A	SW846 6020
Manganese - Dissolved	4500		0.12	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.65	B	0.61	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.47	B	0.32	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3700		5.7	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	5.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Sodium - Dissolved	5200		17	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	2.6		0.10	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.418	B	0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	97		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Chloride	4.0	B	0.82	5.0	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.17	B	0.096	0.50	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.4		0.20	0.50	1	mg/L		11/10/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Sulfate	170		7.7	40	10	mg/L		11/07/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/06/06	EPA 376.1	EPA 376.1
Total Alkalinity	97		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-103

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-004

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	76		64	132	1	%		11/07/06	SW846 5030B	SW846 8260B
Toluene-d8	110		73	127	1	%		11/07/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	109		68	122	1	%		11/07/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-103

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-004

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.20		0.012	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	43		10	150	1	%		11/06/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	45		20	111	1	%		11/06/06	SW846 3510C	8270C-SIM
Terphenyl-d14	83		44	115	1	%		11/06/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1221	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1232	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1242	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1248	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1254	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1260	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Total PCBs	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	90		42	122	1	%		11/08/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	61		10	128	1	%		11/08/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-12

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	19	B	6.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	10		0.13	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Barium - Dissolved	32		0.12	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Boron - Dissolved	37		1.2	10	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Calcium - Dissolved	35000		13	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.91	B	0.32	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.27	B	0.026	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.15	U	0.15	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Hardness - Dissolved	50		0.15	2.0	1	mg/L		11/15/06	SW846 3020A	6020/2340B
Iron - Dissolved	10000		9.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lithium - Dissolved	1.6		0.070	0.24	1	ug/L		11/11/06	EPA 3020	EPA 6020
Magnesium - Dissolved	12000		4.6	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Manganese - Dissolved	970		0.12	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.40	B	0.32	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Potassium - Dissolved	2000		5.7	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	5.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Sodium - Dissolved	3800		17	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	1.2		0.10	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.366	B	0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	140		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Chloride	2.9	B	0.82	5.0	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.84		0.20	0.50	1	mg/L		11/10/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Sulfate	12		0.77	4.0	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/06/06	EPA 376.1	EPA 376.1
Total Alkalinity	140		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-12

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-005

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	94		64	132	1	%		11/07/06	SW846 5030B	SW846 8260B
Toluene-d8	109		73	127	1	%		11/07/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	112		68	122	1	%		11/07/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-12

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-005

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.014	J	0.012	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	54		10	150	1	%		11/06/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	56		20	111	1	%		11/06/06	SW846 3510C	8270C-SIM
Terphenyl-d14	81		44	115	1	%		11/06/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1221	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1232	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1242	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1248	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1254	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1260	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Total PCBs	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	83		42	122	1	%		11/08/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	64		10	128	1	%		11/08/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP001

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-006

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	8.2	B	6.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	10		0.13	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Barium - Dissolved	33		0.12	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Boron - Dissolved	35		1.2	10	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Calcium - Dissolved	35000		13	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.36	B	0.32	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.27	B	0.026	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.15	U	0.15	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Hardness - Dissolved	140		0.15	2.0	1	mg/L		11/15/06	SW846 3020A	6020/2340B
Iron - Dissolved	9900		9.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lithium - Dissolved	1.5		0.070	0.24	1	ug/L		11/11/06	EPA 3020	EPA 6020
Magnesium - Dissolved	12000		4.6	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Manganese - Dissolved	940		0.12	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Potassium - Dissolved	1900		5.7	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	5.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Sodium - Dissolved	4100		17	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.97	B	0.10	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.360	B	0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	140		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Chloride	2.9	B	0.82	5.0	1	mg/L	N	11/03/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L	N	11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.89		0.20	0.50	1	mg/L		11/10/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Sulfate	12		0.77	4.0	1	mg/L	N	11/03/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/06/06	EPA 376.1	EPA 376.1
Total Alkalinity	140		1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP001

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-006

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	92		64	132	1	%		11/07/06	SW846 5030B	SW846 8260B
Toluene-d8	110		73	127	1	%		11/07/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	110		68	122	1	%		11/07/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP001

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-006

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.019	J	0.012	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	58		10	150	1	%		11/06/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	59		20	111	1	%		11/06/06	SW846 3510C	8270C-SIM
Terphenyl-d14	83		44	115	1	%		11/06/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1221	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1232	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1242	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1248	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1254	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1260	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Total PCBs	0.25	U	0.25	0.94	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	82		42	122	1	%		11/08/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	45		10	128	1	%		11/08/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK001

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-007

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	17	B	6.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Arsenic	0.13	U	0.13	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Barium	0.17	B	0.12	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Boron	1.7	B	1.2	10	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Cadmium	0.14	U	0.14	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Calcium	38	B	13	500	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Cobalt	0.026	U	0.026	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Copper	0.15	U	0.15	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Hardness	0.18	B	0.15	2.0	1	mg/L		11/15/06	SW846 3020A	6020/2340B
Iron	9.3	U	9.3	50	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lead	0.049	U	0.049	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Lithium	0.014	U	0.014	0.047	1	ug/L		11/13/06	EPA 3020	EPA 6020
Magnesium	20	B	4.6	500	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Manganese	0.33	B	0.12	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Mercury - Low Level	0.231		0.183	0.183	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Nickel	0.32	U	0.32	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Potassium	11	B	5.7	500	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	5.0	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Sodium	340	B	17	500	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L		11/20/06	SW846 3020A	SW846 6020
Vanadium	0.34	B	0.10	1.0	1	ug/L	A	11/15/06	SW846 3020A	SW846 6020
Zinc	0.98	U	0.98	10	1	ug/L		11/15/06	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	4.4	B	1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B
Chloride	0.82	U	0.82	5.0	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.41	B	0.20	0.50	1	mg/L		11/10/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Sulfate	0.77	U	0.77	4.0	1	mg/L		11/03/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/06/06	EPA 376.1	EPA 376.1
Total Alkalinity	4.4	B	1.7	10	1	mg/L		11/07/06	SM 2320B	SM 2320B

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK001

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-007

VOLATILES - SPECIAL LIST

Prep Date: 11/07/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Methylene Chloride	3.4		0.43	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L	&	11/07/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/07/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	91		64	132	1	%		11/07/06	SW846 5030B	SW846 8260B
Toluene-d8	109		73	127	1	%		11/07/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	111		68	122	1	%		11/07/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0082	U	0.0082	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.019	U	0.019	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.020	U	0.020	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluoranthene	0.016	U	0.016	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878070

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK001

Matrix Type : GROUNDWATER
Collection Date : 11/02/06
Report Date : 11/21/06
Lab Sample Number : 878070-007

PAH/PNA

Prep Date: 11/06/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.016	J	0.012	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.048	1	ug/L		11/06/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	67		10	150	1	%		11/06/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	70		20	111	1	%		11/06/06	SW846 3510C	8270C-SIM
Terphenyl-d14	86		44	115	1	%		11/06/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/08/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.25	U	0.25	0.95	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1221	0.25	U	0.25	0.95	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1232	0.25	U	0.25	0.95	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1242	0.25	U	0.25	0.95	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1248	0.25	U	0.25	0.95	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1254	0.25	U	0.25	0.95	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Aroclor 1260	0.25	U	0.25	0.95	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Total PCBs	0.25	U	0.25	0.95	1	ug/L		11/08/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	73		42	122	1	%		11/08/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	45		10	128	1	%		11/08/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
		PW-2	
		MW-12	
		MW-11	
		MW-103	
		MW-101	
		FBK001	
		DUP001	
878070-	M-CR-D	All Samples	A - Analyte is detected in the method blank at a concentration of 0.61 ug/L.
878070-	M-V-D	All Samples	A - Analyte is detected in the method blank at a concentration of 0.14 ug/L.
878070-007	M-MG-W	FBK001	A - Analyte is detected in the method blank at a concentration of 120 ug/L.
878070-007	M-MN-W	FBK001	A - Analyte is detected in the method blank at a concentration of 0.17 ug/L.
878070-007	M-NA-W	FBK001	A - Analyte is detected in the method blank at a concentration of 110 ug/L.
878070-007	M-V-W	FBK001	A - Analyte is detected in the method blank at a concentration of 0.14 ug/L.
878070-007	PCB-W	FBK001	Inadequate sample volume received to perform the method required MS/MSD.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	878070-001	878070-002	878070-003	878070-004	878070-005	878070-006	878070-007
ALKALINITY, BICARB/CARB/TOTAL	B	B	B	B	B	B	B
ALUMINUM							B
ALUMINUM - DISSOLVED	B	B	B	B	B	B	
ANTIMONY							B
ANTIMONY - DISSOLVED	B	B	B	B	B	B	
ARSENIC							B
ARSENIC - DISSOLVED	B	B	B	B	B	B	
BARIUM							B
BARIUM - DISSOLVED	B	B	B	B	B	B	
BERYLLIUM							B
BERYLLIUM - DISSOLVED	B	B	B	B	B	B	
BORON							B
BORON - DISSOLVED	B	B	B	B	B	B	
CADMIUM							B
CADMIUM - DISSOLVED	B	B	B	B	B	B	
CALCIUM							B
CALCIUM - DISSOLVED	B	B	B	B	B	B	
CHLORIDE	B	B	B	B	B	B	B
CHROMIUM							B
CHROMIUM - DISSOLVED	B	B	B	B	B	B	
COBALT							B
COBALT - DISSOLVED	B	B	B	B	B	B	
COPPER							B
COPPER - DISSOLVED	B	B	B	B	B	B	
CYANIDE, TOTAL	B	B	B	B	B	B	B
FLUORIDE	B	B	B	B	B	B	B
HARDNESS							B
HARDNESS - DISSOLVED	B	B	B	B	B	B	
IRON							B
IRON - DISSOLVED	B	B	B	B	B	B	
LEAD							B
LEAD - DISSOLVED	B	B	B	B	B	B	
LITHIUM							M
LITHIUM - DISSOLVED	M	M	M	M	M	M	
MAGNESIUM							B
MAGNESIUM - DISSOLVED	B	B	B	B	B	B	
MANGANESE							B
MANGANESE - DISSOLVED	B	B	B	B	B	B	
MERCURY - LOW LEVEL							K
MERCURY - LOW LEVEL - DISSOLVE	K	K	K	K	K	K	
MOLYBDENUM							B

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	878070-001	878070-002	878070-003	878070-004	878070-005	878070-006	878070-007
MOLYBDENUM - DISSOLVED	B	B	B	B	B	B	
NICKEL							B
NICKEL - DISSOLVED	B	B	B	B	B	B	
NITROGEN, AMMONIA	B	B	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B	B	B
NITROGEN, NITRITE	B	B	B	B	B	B	B
PAH/PNA	B	B	B	B	B	B	B
PCB		K	K	K	K	K	K
POTASSIUM							B
POTASSIUM - DISSOLVED	B	B	B	B	B	B	
SELENIUM							B
SELENIUM - DISSOLVED	B	B	B	B	B	B	
SILVER							B
SILVER - DISSOLVED	B	B	B	B	B	B	
SODIUM							B
SODIUM - DISSOLVED	B	B	B	B	B	B	
SULFATE	B	B	B	B	B	B	B
SULFIDE	B	B	B	B	B	B	B
THALLIUM							B
THALLIUM - DISSOLVED	B	B	B	B	B	B	
VANADIUM							B
VANADIUM - DISSOLVED	B	B	B	B	B	B	
VOLATILES - SPECIAL LIST	G	G	G	G	G	G	G
ZINC							B
ZINC - DISSOLVED	B	B	B	B	B	B	

Code	Facility	Address	MI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	Not Certified
K	Kimberly Laboratory	1090 Kennedy Ave. Kimberly, WI 54136	Not Certified
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	Not Certified

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878070
Lab Section: WETCHEM
QC Batch Number: 15824
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2028-069MB	WCG2028-069MB
LCS	WCG2028-069MBLCS	WCG2028-069MBLCS
MS	DUP001MS	878070-006MS
MSD	DUP001MSD	878070-006MSD

Client Sample ID	Lab Sample ID	MB ID
PW-2	878070-001	MB
MW-101	878070-003	MB
MW-12	878070-005	MB
FBK001	878070-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-11	878070-002	MB
MW-103	878070-004	MB
DUP001	878070-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	0.82	20.0	18.7	93.4		---	---	---		---		90	110	20	878070-006		2.93	20.0	18.4	77.3	N	20.0	18.7	78.7	N	1.5		90	110	20
Fluoride	<	0.096	2.0	1.8	90.0		---	---	---		---		90	110	20	878070-006	<	0.096	2.0	1.8	89.0	N	2.0	1.8	90.5		1.7		90	110	20
Nitrogen, Nitrate	<	0.088	1.6	1.7	106.9		---	---	---		---		90	110	20	878070-006	<	0.088	1.6	1.7	105.6		1.6	1.7	106.9		1.2		90	110	20
Nitrogen, Nitrite	<	0.04	0.80	0.79	98.8		---	---	---		---		90	110	20	878070-006	<	0.04	0.80	0.79	98.8		0.80	0.8	100.0		1.3		90	110	20
Sulfate	<	0.77	16.0	15.4	95.9		---	---	---		---		90	110	20	878070-006		12.3	16.0	15.2	17.8	N	16.0	15.3	18.7	N	0.9		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006
QC Batch Number: 15824

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878070
Lab Section: PCB-K
QC Batch Number: 15851
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-10PCBMB	SVG2057-10PCBMB
LCS	SVG2057-10PCBLCS	SVG2057-10PCBLCS
LCSD	SVG2057-10PCBLCSD	SVG2057-10PCBLCSD
MS	878028-003MS	878028-003MS
MSD	878028-003MSD	878028-003MSD

Client Sample ID	Lab Sample ID	MB ID
MW-11	878070-002	MB
MW-103	878070-004	MB
DUP001	878070-006	MB

Client Sample ID	Lab Sample ID	MB ID
MW-101	878070-003	MB
MW-12	878070-005	MB

Test Name	Method Blank Result		Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result		Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<		0.26	0	---	---		---	---	---		---		---	---	---	878028-003	<		0.25	---	---	---		---	---	---		---		---	---	---
Aroclor 1221	<		0.26	0	---	---		---	---	---		---		---	---	---	878028-003	<		0.25	---	---	---		---	---	---		---		---	---	---
Aroclor 1232	<		0.26	0	---	---		---	---	---		---		---	---	---	878028-003	<		0.25	---	---	---		---	---	---		---		---	---	---
Aroclor 1242	<		0.26	0	---	---		---	---	---		---		---	---	---	878028-003	<		0.25	---	---	---		---	---	---		---		---	---	---
Aroclor 1248	<		0.26	0	---	---		---	---	---		---		---	---	---	878028-003	<		0.25	---	---	---		---	---	---		---		---	---	---
Aroclor 1254	<		0.26	0	---	---		---	---	---		---		---	---	---	878028-003	<		0.25	---	---	---		---	---	---		---		---	---	---
Aroclor 1260	<		0.26	5.0	4.3	86		5.0	4	80		8.1		47	138	20	878028-003	<		0.25	4.8	4.1	86		4.7	4.4	92		5.6		17	151	20
Total PCBs	<		0.26	---	---	---		---	---	---		---		---	---	---	878028-003	<		0.25	---	---	---		---	---	---		---		---	---	---
Tetrachloro-m-xylene			73%	---	---	74		---	---	64		---		42	122	---	878028-003			82%	---	---	79		---	---	79		---		42	122	---
Decachlorobiphenyl			53%	---	---	56		---	---	41		---		10	128	---	878028-003			75%	---	---	68		---	---	66		---		10	128	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 11/25/2006
QC Batch Number: 15851

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878070
Lab Section: WETCHEM
QC Batch Number: 15859
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-054MB	WCG1919-054MB
LCS	WCG1919-054MBLCS	WCG1919-054MBLCS
LCSD	WCG1919-054MBLCSD	WCG1919-054MBLCSD

Client Sample ID	Lab Sample ID	MB ID
PW-2	878070-001	MB
MW-101	878070-003	MB
MW-12	878070-005	MB
FBK001	878070-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-11	878070-002	MB
MW-103	878070-004	MB
DUP001	878070-006	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Sulfide	< 2.5	47.2	40.8	86.4		47.2	38.8	82.2		5.0		80	120	20	---		---	---	---		---	---	---		---		---	---	---

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006
QC Batch Number: 15859

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878070
Lab Section: BNASIM
QC Batch Number: 15860
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	SVOG1945-69MB	SVOG1945-69MB
LCS	SVOG1945-69LCS	SVOG1945-69LCS
LCSD	SVOG1945-69LCSD	SVOG1945-69LCSD
MS	PW-2MS	878070-001MS
MSD	PW-2MSD	878070-001MSD

Client Sample ID	Lab Sample ID	MB ID
PW-2	878070-001	MB
MW-101	878070-003	MB
MW-12	878070-005	MB
FBK001	878070-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-11	878070-002	MB
MW-103	878070-004	MB
DUP001	878070-006	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.16	82		0.20	0.15	77		5.9			40	126	23	---		---	---	---	---		---	---	---		---			---	---
Acenaphthylene	<	0.0086	0.20	0.16	81		0.20	0.15	76		5.7			39	127	24	---		---	---	---	---		---	---	---		---			---	---
Anthracene	<	0.012	0.20	0.18	92		0.20	0.17	87		5.6			39	139	27	---		---	---	---	---		---	---	---		---			---	---
Benzo(a)anthracene	<	0.017	0.20	0.19	93		0.20	0.17	87		5.9			48	146	20	---		---	---	---	---		---	---	---		---			---	---
Benzo(a)pyrene	<	0.019	0.20	0.2	102		0.20	0.19	93		8.6			61	136	20	---		---	---	---	---		---	---	---		---			---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.23	115		0.20	0.21	105		8.8			51	141	20	---		---	---	---	---		---	---	---		---			---	---
Benzo(ghi)perylene	<	0.02	0.20	0.17	85		0.20	0.16	79		8.0			57	136	20	---		---	---	---	---		---	---	---		---			---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.21	104		0.20	0.19	96		8.8			61	149	20	---		---	---	---	---		---	---	---		---			---	---
Chrysene	<	0.02	0.20	0.17	87		0.20	0.16	82		6.1			61	150	20	---		---	---	---	---		---	---	---		---			---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.16	78		0.20	0.14	71		10.0			46	150	20	---		---	---	---	---		---	---	---		---			---	---
Fluoranthene	<	0.016	0.20	0.2	98		0.20	0.19	93		5.5			48	145	20	---		---	---	---	---		---	---	---		---			---	---
Fluorene	<	0.0096	0.20	0.17	84		0.20	0.16	79		6.5			40	131	25	---		---	---	---	---		---	---	---		---			---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.17	83		0.20	0.15	75		10.3			54	143	20	---		---	---	---	---		---	---	---		---			---	---
Naphthalene	<	0.013	0.20	0.16	82		0.20	0.15	77		6.3			45	131	30	---		---	---	---	---		---	---	---		---			---	---
Phenanthrene	<	0.012	0.20	0.19	93		0.20	0.17	87		7.1			40	131	25	---		---	---	---	---		---	---	---		---			---	---
Pyrene	<	0.015	0.20	0.17	84		0.20	0.16	79		5.7			55	135	20	---		---	---	---	---		---	---	---		---			---	---
Nitrobenzene-d5		67%	---	---	68		---	---	66		---			10	150	---	---		---	---	---	---		---	---	---		---			---	---
2-Fluorobiphenyl		70%	---	---	72		---	---	68		---			20	111	---	---		---	---	---	---		---	---	---		---			---	---
Terphenyl-d14		77%	---	---	77		---	---	70		---			44	115	---	---		---	---	---	---		---	---	---		---			---	---
Acenaphthene		---	0	---	---		---	---	---		---			---	---	---	878070-001	<	0.0082	0.19	0.13	71		0.19	0.13	68		3.9			56	113	24
Acenaphthylene		---	0	---	---		---	---	---		---			---	---	---	878070-001	<	0.0081	0.19	0.13	71		0.19	0.13	68		4.8			56	115	24

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006

QC Batch Number: 15860

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Anthracene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.012	0.19	0.14	76		0.19	0.14	77		0.3		55	126	20
Benzo(a)anthracene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.016	0.19	0.19	100		0.19	0.19	100		0.7		45	150	20
Benzo(a)pyrene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.018	0.19	0.21	110		0.19	0.21	109		0.4		72	129	20
Benzo(b)fluoranthene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.016	0.19	0.24	125		0.19	0.23	124		1.0		72	134	20
Benzo(ghi)perylene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.019	0.19	0.18	96		0.19	0.18	94		2.3		72	128	20
Benzo(k)fluoranthene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.019	0.19	0.2	106		0.19	0.2	107		0.6		75	129	20
Chrysene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.019	0.19	0.18	93		0.19	0.18	93		0.4		71	136	20
Dibenz(a,h)anthracene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.019	0.19	0.17	91		0.19	0.16	87		3.9		43	150	20
Fluoranthene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.015	0.19	0.18	96		0.19	0.18	94		1.9		58	137	20
Fluorene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.0091	0.19	0.14	72		0.19	0.13	69		3.7		56	121	21
Indeno(1,2,3-cd)pyrene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.019	0.19	0.18	93		0.19	0.17	90		3.9		71	140	20
Naphthalene	---	0	---	---		---	---	---		---		---	---	---	878070-001		0.013	0.19	0.14	66		0.19	0.14	66		0.2		53	107	31
Phenanthrene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.011	0.19	0.15	77		0.19	0.15	78		0.5		58	138	20
Pyrene	---	0	---	---		---	---	---		---		---	---	---	878070-001	<	0.015	0.19	0.16	82		0.19	0.15	82		0.4		71	136	20
Nitrobenzene-d5	---	---	---	---		---	---	---		---		---	---	---	878070-001		54%	---	---	60		---	---	59		---		10	150	---
2-Fluorobiphenyl	---	---	---	---		---	---	---		---		---	---	---	878070-001		58%	---	---	64		---	---	61		---		20	111	---
Terphenyl-d14	---	---	---	---		---	---	---		---		---	---	---	878070-001		79%	---	---	81		---	---	82		---		44	115	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006

QC Batch Number: 15860

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878070
Lab Section: VOA
QC Batch Number: 15871
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2046-85MB	vog2046-85MB
LCS	vog2046-85LCS	vog2046-85LCS
LCSD	vog2046-85LCSD	vog2046-85LCSD
MS	878083-021MS	878083-021MS

Client Sample ID	Lab Sample ID	MB ID
PW-2	878070-001	MB
MW-101	878070-003	MB
MW-12	878070-005	MB
FBK001	878070-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-11	878070-002	MB
MW-103	878070-004	MB
DUP001	878070-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	<	0.9	50.0	52.6	105		50.0	54.9	110		4.3		75	128	20	---	---	---	---	---		---	---	---		---		---	---	---
1,1,2,2-Tetrachloroethane	<	0.2	50.0	47.5	95		50.0	47	94		0.9		67	125	20	---	---	---	---	---		---	---	---		---		---	---	---
1,1,2-Trichloroethane	<	0.42	50.0	49.3	99		50.0	49.4	99		0.3		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
1,1-Dichloroethane	<	0.75	50.0	54.7	109		50.0	56.4	113		3.1		71	130	20	---	---	---	---	---		---	---	---		---		---	---	---
1,1-Dichloroethene	<	0.57	50.0	55.3	111		50.0	59.3	119		7.0		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
1,2-Dichloroethane	<	0.36	50.0	57.1	114		50.0	60.5	121		5.8		71	132	20	---	---	---	---	---		---	---	---		---		---	---	---
1,2-Dichloroethene, Total	<	1.4	100.0	104.9	105		100.0	107.5	108		2.5		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
1,2-Dichloropropane	<	0.46	50.0	48.5	97		50.0	51	102		5.0		73	125	20	---	---	---	---	---		---	---	---		---		---	---	---
2-Butanone	<	4.3	50.0	45.5	91		50.0	43.9	88		3.5		59	130	20	---	---	---	---	---		---	---	---		---		---	---	---
2-Hexanone	<	1.1	50.0	41.5	83		50.0	40.7	81		2.0		51	125	20	---	---	---	---	---		---	---	---		---		---	---	---
4-Methyl-2-pentanone	<	1.2	50.0	42.6	85		50.0	44.3	89		4.0		59	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Acetone	<	2.3	50.0	42.7	85		50.0	39.8	80		7.0		31	150	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzene	<	0.41	50.0	55.9	112		50.0	57.2	114		2.3		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Bromodichloromethane	<	0.56	50.0	47	94		50.0	51.1	102		8.5		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Bromoform	<	0.94	50.0	46.6	93		50.0	45.4	91		2.6		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Bromomethane	<	0.91	50.0	60	120		50.0	67.6	135	&	11.9		66	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Carbon Disulfide	<	0.66	50.0	61.5	123		50.0	63.9	128		3.8		71	128	20	---	---	---	---	---		---	---	---		---		---	---	---
Carbon Tetrachloride	<	0.49	50.0	54.5	109		50.0	56.5	113		3.6		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Chlorobenzene	<	0.41	50.0	51.8	104		50.0	51.6	103		0.3		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Chlorodibromomethane	<	0.81	50.0	50	100		50.0	52.2	104		4.3		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Chloroethane	<	0.97	50.0	65.1	130	&	50.0	70.8	142	&	8.3		72	126	20	---	---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006
QC Batch Number: 15871

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/ LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/ MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloroform	<	0.37	50.0	49.1	98		50.0	51.7	103		5.3		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
Chloromethane	<	0.24	50.0	59.7	119		50.0	64	128		6.9		46	143	20	---		---	---	---	---		---	---	---		---		---	---	---
cis-1,3-Dichloropropene	<	0.19	50.0	43.9	88		50.0	46.7	93		6.4		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
Ethylbenzene	<	0.54	50.0	54.1	108		50.0	55.1	110		1.7		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
Methylene Chloride	<	0.43	50.0	53.3	107		50.0	56.7	113		6.3		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
Styrene	<	0.86	50.0	53.1	106		50.0	54.4	109		2.5		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
Tetrachloroethene	<	0.45	50.0	54.7	109		50.0	57.9	116		5.5		75	130	20	---		---	---	---	---		---	---	---		---		---	---	---
Toluene	<	0.67	50.0	52.5	105		50.0	54.3	109		3.3		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
trans-1,3-Dichloropropene	<	0.19	50.0	48.3	97		50.0	48.7	97		0.8		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
Xylene, Total	<	2.6	150.0	162.4	108		150.0	165.5	110		1.9		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
Trichloroethene	<	0.48	50.0	50.9	102		50.0	53	106		4.2		75	125	20	878083-021	<	0.48	50.0	53.1	106		---	---	---		---		70	130	30
Vinyl Chloride	<	0.18	50.0	63.9	128		50.0	67.2	134	&	5.0		65	130	20	878083-021	<	0.18	50.0	68.3	137		---	---	---		---		62	138	30
4-Bromofluorobenzene		92%	---	---	98		---	---	100		---		64	132	---	878083-021		98%	---	---	97		---	---	---		---		64	132	---
Toluene-d8		109%	---	---	110		---	---	111		---		73	127	---	878083-021		111%	---	---	111		---	---	---		---		73	127	---
Dibromofluoromethane		111%	---	---	111		---	---	106		---		68	122	---	878083-021		110%	---	---	115		---	---	---		---		68	122	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006

QC Batch Number: 15871

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878070
Lab Section: WETCHEM
QC Batch Number: 15901
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-055MB	WCG1919-055MB
LCS	WCG1919-055MBLCS	WCG1919-055MBLCS
MS	PW-2MS	878070-001MS
MSD	PW-2MSD	878070-001MSD

Client Sample ID	Lab Sample ID	MB ID
PW-2	878070-001	MB
MW-101	878070-003	MB
MW-12	878070-005	MB
FBK001	878070-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-11	878070-002	MB
MW-103	878070-004	MB
DUP001	878070-006	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	J	2.2	12.60	13.3	105.2		---	---	---		---			80	120	20	878070-001		132.6	100.0	234.3	101.7		100.0	234.3	101.7		0.0			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006
QC Batch Number: 15901

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878070
Lab Section: PCB-K
QC Batch Number: 15934
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-012PCBMB	SVG2057-012PCBMB
LCS	SVG2057-012PCBLCS	SVG2057-012PCBLCS
LCSD	SVG2057-012PCBLCSD	SVG2057-012PCBLCSD

Client Sample ID	Lab Sample ID	MB ID
FBK001	878070-007	MB

Client Sample ID	Lab Sample ID	MB ID

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006
QC Batch Number: 15934

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878070
Lab Section: METALS
QC Batch Number: 15951
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBDMTG1978-78	MBDMTG1978-78
LCS	LCSDMTG1978-78	LCSDMTG1978-78
MS	FBK001MS	878070-007MS
MS	PW-2MS	878070-001MS
MSD	FBK001MSD	878070-007MSD
MSD	PW-2MSD	878070-001MSD

Client Sample ID	Lab Sample ID	MB ID
PW-2	878070-001	MB
MW-101	878070-003	MB
MW-12	878070-005	MB
MW-11	878070-002	MB
MW-103	878070-004	MB
DUP001	878070-006	MB

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006
QC Batch Number: 15951

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878070
Lab Section: WETCHEM
QC Batch Number: 15988
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-019MB	WCG2073-019MB
LCS	WCG2073-019MBLCS	WCG2073-019MBLCS
MS	878268-001MS	878268-001MS
MS	MW-101MS	878070-003MS
MSD	878268-001MSD	878268-001MSD
MSD	MW-101MSD	878070-003MSD

Client Sample ID	Lab Sample ID	MB ID
PW-2	878070-001	MB
MW-101	878070-003	MB
MW-12	878070-005	MB
FBK001	878070-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-11	878070-002	MB
MW-103	878070-004	MB
DUP001	878070-006	MB

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006
QC Batch Number: 15988

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878070
Lab Section: WETCHEM
QC Batch Number: 16094
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-031MB	WCG2073-031MB
LCS	WCG2073-031MBLCS	WCG2073-031MBLCS
MS	878160-005MS	878160-005MS
MS	878114-001MS	878114-001MS
MSD	878160-005MSD	878160-005MSD
MSD	878114-001MSD	878114-001MSD

Client Sample ID	Lab Sample ID	MB ID
PW-2	878070-001	MB
MW-101	878070-003	MB
MW-12	878070-005	MB
FBK001	878070-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-11	878070-002	MB
MW-103	878070-004	MB
DUP001	878070-006	MB

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006
QC Batch Number: 16094

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878070
Lab Section: METALS-K
QC Batch Number: 16104
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-031	MBMTK0966-031
IPR	IPRWMTK0966-031	IPRWMTK0966-031
OPR	OPRWMTK0966-031	OPRWMTK0966-031
MS	878160-003MS	878160-003MS
MS	MW-11MS	878070-002MS
MSD	878160-003MSD	878160-003MSD
MSD	MW-11MSD	878070-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PW-2	878070-001	MB	MW-11	878070-002	MB
MW-101	878070-003	MB	MW-103	878070-004	MB
MW-12	878070-005	MB	DUP001	878070-006	MB

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006
QC Batch Number: 16104

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878070
Lab Section: METALS
QC Batch Number: 16355
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG1978-78W	MBWMTG1978-78W
LCS	LCSWMTG1978-78W	LCSWMTG1978-78W
LCSD	LCSDWMTG1978-78W	LCSDWMTG1978-78W

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK001	878070-007	MB			

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/25/2006
QC Batch Number: 16355

Sample Condition Upon Receipt

Pace Analytical

Client Name: North Jackson Project # 8978070

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Optional: Proj. Due Date: Proj. Name:

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used JTB Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 1° Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: LM 11-3-06

Temp should be above freezing to 6°C Comments: ✓ICLS

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. Nitrates
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☐Yes ☒No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: DH for TN **Date:** 11/24/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Batch No. 878271

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

November 29, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 878271 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Tod Noltemeyer
Project Manager

(Please Print Clearly)

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

COC No. 015111

CHAIN OF CUSTODY

Pace Analytical®
www.pacelabs.com

Company Name:	North Jackson Co.
Branch/Location:	Marquette, MI
Project Contact:	
Phone:	906 225-67-68
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	PSaba A Mayavanshi REagle
Sampled By (Sign):	PSaba A Mayavanshi REagle
PO #:	
Regulatory Program:	

Quote #:	
Mail To Contact:	J. Kasy
Mail To Company:	FUD
Mail To Address:	Green Bay, WI
Invoice To Contact:	SAME
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other (Zn Ac)

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, Sl = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	N	Y	N	N	Y	N	N	N	PRESERVATION (CODE)* Pick Letter	A	A	B	C	D	G	J	D	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	FBK004	11-8-06	1130	W		6		3	1		1	1	2											3-1L 2-500mh 6-250mh 3-40mh	
002	Tripblank 2	11-8-06	—	W				2																2-40mL	
003	KMW-1		0855			6		3	1	2	1	1												3-1L 2-500mh 6-250mh 3-40mh	
004	KMW-2		0955			6		3	1	2	1	1													
005	KMW-4		1420			6		3	1	2	1	1													
006	KMW-5		1200			6		3	1	2	1	1													
007	KMW-6A		1405			6		3	1	2	1	1												3-1L 1-500mh 6-250mh 2-40mh	
008	KMW-7		1305			6		3	1	2	1	1												3-1L 2-500mh 6-250mh 3-40mh	
009	KMW-9		1110			6		3	1	2	1	1													
010	KMW-9P		1150			6		3	1	2	1	1													
011	DUP 004		—			6		3	1	2	1	1													
012	MW-104		1500					3		2														1-500mh 1-250mh 3-40mh	
013	MW-102		1410			1		3																1-1L 3-40mh	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
PSaba	11-8-06 1700	Fed Ex	11-9-06 1015
Fed Ex	11-9-06 1015	LeAnne Markham	11-9-06 105

PACE Project No. 878271

Receipt Temp = 1 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

ORIGINAL

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 878271

Client: FOTH & VAN DYKE
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Contact: Tod Noltemeyer

Lab Sample Number	Field ID	Matrix	Collection Date
878271-001	FBK004	WATER	11/08/06 11:30
878271-002	TRIP BLANK2	WATER	11/08/06
878271-003	KMW-1	WATER	11/08/06 08:55
878271-004	KMW-2	WATER	11/08/06 09:55
878271-005	KMW-4	WATER	11/08/06 14:20
878271-006	KMW-5	WATER	11/08/06 12:00
878271-007	KMW-6A	WATER	11/08/06 14:05
878271-008	KMW-7	WATER	11/08/06 13:05
878271-009	KMW-9	WATER	11/08/06 11:10
878271-010	KMW-9P	WATER	11/08/06 11:50
878271-011	DUP004	WATER	11/08/06
878271-012	MW-104	WATER	11/08/06 15:00
878271-013	MW-102	WATER	11/08/06 14:10

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alle Her for Tod N
Approval Signature

11/30/06
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK004

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	12	B	6.3	50	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	10	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Arsenic	0.13	U	0.13	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Barium	0.13	B	0.12	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Boron	1.2	U	1.2	10	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Cadmium	0.14	U	0.14	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Calcium	89	B	13	500	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Cobalt	0.026	U	0.026	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Copper	0.15	U	0.15	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Hardness	0.28	B	0.15	2.0	1	mg/L		11/22/06	SW846 3020A	6020/2340B
Iron	26	B	9.3	50	1	ug/L	A	11/22/06	SW846 3020A	SW846 6020
Lead	0.049	U	0.049	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Lithium	0.014	U	0.014	0.047	1	ug/L		11/17/06	EPA 3020	EPA 6020
Magnesium	14	B	4.6	500	1	ug/L	A	11/22/06	SW846 3020A	SW846 6020
Manganese	0.13	B	0.12	1.0	1	ug/L	A	11/22/06	SW846 3020A	SW846 6020
Mercury - Low Level	0.18	U	0.18	0.18	1	ng/L		11/21/06	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	10	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Nickel	0.32	U	0.32	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Potassium	6.0	B	5.7	500	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	0.50	1	ug/L	A	11/22/06	SW846 3020A	SW846 6020
Sodium	240	B	17	500	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Vanadium	0.25	B	0.10	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Zinc	3.6	B	0.98	10	1	ug/L	A	11/22/06	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	2.2				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	0.82	U	0.82	5.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.20	U	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	0.77	U	0.77	4.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	2.2				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK004

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	74		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	80		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	77		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0082	U	0.0082	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.019	U	0.019	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.048	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.020	U	0.020	0.048	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.016	U	0.016	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK004

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-001

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.048	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	73		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	72		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	89		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	72		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	40		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK2

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.83	J	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	74		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	81		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	76		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-1

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	62		6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	7.9		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	95		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	91		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	33000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	2.2		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	3.4		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.33	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	130		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	9300		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.10	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	0.63		0.070	0.24	1	ug/L		11/16/06	EPA 3020	EPA 6020
Magnesium - Dissolved	12000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	3300		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.5	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	1.1		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3400		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	4800		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	4.2		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5.6	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	1.2		0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	140				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	4.8	B	0.82	5.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.16	B	0.096	0.50	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.87		0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	7.9		0.77	4.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	140				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-1

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-003

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	73		64	132	1	%		11/15/06	SW846 5030B	SW846 8260B
Toluene-d8	75		73	127	1	%		11/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	77		68	122	1	%		11/15/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.070		0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.055		0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.019	J	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.021	J	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.16		0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-1

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-003

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.095		0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.056		0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.023	J	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	74		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	73		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	93		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	83		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	73		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-2

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	16	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	24		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	130		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	42		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	46000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	1.3		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.15	U	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	170		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	10000		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	2.0		0.070	0.24	1	ug/L		11/16/06	EPA 3020	EPA 6020
Magnesium - Dissolved	14000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	3900		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	4.2	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	1.5		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3500		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	5400		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.69	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5.8	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.19	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	140				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	3.6	B	0.82	5.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.18	B	0.096	0.50	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.46	B	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	61		0.77	4.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	140				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-2

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-004

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	74		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	76		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	78		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.024	J	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.031	J	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.056		0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.027	J	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-2

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-004

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.016	J	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.10		0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.038	J	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	74		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	78		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	96		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	89		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	64		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-4

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	12	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	1.4		0.13	1.0	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	65		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	61		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	44000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	3.3		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.46	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	180		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	4700		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	0.57		0.070	0.24	1	ug/L		11/17/06	EPA 3020	EPA 6020
Magnesium - Dissolved	16000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	4900		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	2.4	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	4.7		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3600		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	4300		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.45	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	15		0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.60		0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	100				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	3.4	B	0.82	5.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/21/06	EPA 335.4	EPA 335.4
Fluoride	0.20	B	0.096	0.50	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.62		0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	86		3.9	20	5	mg/L		11/19/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	100				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-4

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-005

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.73	J	0.43	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	73		64	132	1	%		11/15/06	SW846 5030B	SW846 8260B
Toluene-d8	75		73	127	1	%		11/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	79		68	122	1	%		11/15/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-4

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-005

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	68		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	75		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	93		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	89		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	73		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-5

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-006

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	8.9	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.45	B	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	0.95	B	0.13	1.0	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	27		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	58		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	43000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.69	B	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	67		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	1.0		0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	190		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	6100		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.80	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	10		0.070	0.24	1	ug/L		11/17/06	EPA 3020	EPA 6020
Magnesium - Dissolved	21000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	2300		0.12	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	3.2	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	7.4		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	4600		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	4800		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.48	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	10		0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.18	U	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	84				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	16		0.82	5.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/21/06	EPA 335.4	EPA 335.4
Fluoride	1.4		0.096	0.50	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.20	U	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	91		3.9	20	5	mg/L		11/19/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	84				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-5

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-006

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	4.1		0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.58	J	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.75	J	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	75		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	75		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	79		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-5

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-006

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	45		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	47		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	100		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	87		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	94		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-6A

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-007

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	26	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	12		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	130		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	110		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	100000		130	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Chromium - Dissolved	2.0		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	14		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.33	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	430		1.5	20	10	mg/L		11/22/06	SW846 3020A	6020/2340B
Iron - Dissolved	73000		93	500	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.18	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	0.63		0.070	0.24	1	ug/L		11/17/06	EPA 3020	EPA 6020
Magnesium - Dissolved	42000		46	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Manganese - Dissolved	17000		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	4.2	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	44		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3800		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	7100		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	3.2		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	7.6	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	130				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	5.8		0.82	5.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/21/06	EPA 335.4	EPA 335.4
Fluoride	0.17	B	0.096	0.50	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.6		0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	360		7.7	40	10	mg/L		11/19/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	130				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-6A

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-007

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	74		64	132	1	%		11/15/06	SW846 5030B	SW846 8260B
Toluene-d8	77		73	127	1	%		11/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	76		68	122	1	%		11/15/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Naphthalene	0.015	J	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-6A

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-007

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			LCL	UCL						
Nitrobenzene-d5	70		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	70		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	94		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			LCL	UCL						
Tetrachloro-m-xylene	81		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	49		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-7

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-008

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	23	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	4.4		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	60		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.18	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	81		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	120000		130	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Chromium - Dissolved	1.6		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	120		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.22	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	550		1.5	20	10	mg/L		11/22/06	SW846 3020A	6020/2340B
Iron - Dissolved	170000		93	500	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.19	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	4.9		0.070	0.24	1	ug/L		11/17/06	EPA 3020	EPA 6020
Magnesium - Dissolved	60000		46	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Manganese - Dissolved	21000		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	6.1	U	6.1	100	10	ug/L	C	11/22/06	SW846 3020A	SW846 6020
Nickel - Dissolved	84		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	7000		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	6400		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	4.8		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	9.1	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.29	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	66				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	5.0	B	0.82	5.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/21/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.8		0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	750		15	80	20	mg/L		11/19/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	66				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-7

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-008

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	74		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	80		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	77		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-7

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-008

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	68		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	75		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	96		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	85		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	50		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-9

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-009

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	16	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	3.8		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	130		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.26	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	62		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	49000		130	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Chromium - Dissolved	1.3		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	11		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.44	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	210		1.5	20	10	mg/L		11/22/06	SW846 3020A	6020/2340B
Iron - Dissolved	8000		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.15	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	0.97		0.070	0.24	1	ug/L		11/17/06	EPA 3020	EPA 6020
Magnesium - Dissolved	21000		46	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Manganese - Dissolved	8700		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	2.7	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	13		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3700		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	3900		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	1.8		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	57		0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.47	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	71				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	3.4	B	0.82	5.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/21/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L	N	11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.62		0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	150		3.9	20	5	mg/L		11/19/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	71				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-9

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-009

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	74		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	76		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	76		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/15/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/15/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-9

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-009

PAH/PNA

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	59		10	150	1	%		11/15/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	64		20	111	1	%		11/15/06	SW846 3510C	8270C-SIM
Terphenyl-d14	85		44	115	1	%		11/15/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	90		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	89		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-9P

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-010

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	3.4		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	55		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	79		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	170000		130	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.87	B	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	17		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.25	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	730		1.5	20	10	mg/L		11/22/06	SW846 3020A	6020/2340B
Iron - Dissolved	160000		93	500	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.050	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	5.9		0.070	0.24	1	ug/L		11/17/06	EPA 3020	EPA 6020
Magnesium - Dissolved	73000		46	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Manganese - Dissolved	27000		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.9	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	1.5		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	7000		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	1.2		0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	6900		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	1.2		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5.4	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.20	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	91				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	4.6	B	0.82	5.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/21/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.3		0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	850		15	80	20	mg/L		11/19/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	91				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-9P

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-010

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	74		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	80		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	80		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/15/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/15/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-9P

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-010

PAH/PNA

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	63		10	150	1	%		11/15/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	69		20	111	1	%		11/15/06	SW846 3510C	8270C-SIM
Terphenyl-d14	79		44	115	1	%		11/15/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	91		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	73		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP004

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-011

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	26	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	4.6		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	60		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.18	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	81		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	120000		130	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Chromium - Dissolved	1.8		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	120		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.31	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	560		1.5	20	10	mg/L		11/22/06	SW846 3020A	6020/2340B
Iron - Dissolved	170000		93	500	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.17	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	4.8		0.070	0.24	1	ug/L		11/17/06	EPA 3020	EPA 6020
Magnesium - Dissolved	62000		46	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Manganese - Dissolved	22000		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	6.1	U	6.1	100	10	ug/L	C	11/22/06	SW846 3020A	SW846 6020
Nickel - Dissolved	85		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	7200		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	1.1		0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	6400		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	4.9		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	13		0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.18	U	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	64				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	5.0		0.82	5.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/21/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.8		0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	750		15	80	20	mg/L		11/19/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	64				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP004

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-011

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	93		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	95		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	101		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/15/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/15/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP004

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-011

PAH/PNA

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.043	J	0.012	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Phenanthrene	0.030	J	0.011	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	56		10	150	1	%		11/15/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	70		20	111	1	%		11/15/06	SW846 3510C	8270C-SIM
Terphenyl-d14	91		44	115	1	%		11/15/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	92		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	88		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-104

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-012

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	80		6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	28		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	340		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	51		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	21000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	2.9		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.19	B	0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.30	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	74		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	59000		93	500	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Lead - Dissolved	1.3		0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	1.0		0.070	0.24	1	ug/L		11/17/06	EPA 3020	EPA 6020
Magnesium - Dissolved	5200		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	2500		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.91	B	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	4100		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	5300		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	4.6		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	11		0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.65	J	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.80	J	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-104

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-012

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	3.2		0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	1.2		0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	27		2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	92		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	95		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	100		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-102

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-013

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	9.0	U	9.0	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	2.0	U	2.0	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	4.2	U	4.2	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	7.5	U	7.5	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	5.7	U	5.7	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	3.6	U	3.6	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	14	U	14	20	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	4.6	U	4.6	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
2-Butanone	43	U	43	50	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	11	U	11	50	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	12	U	12	50	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Acetone	23	U	23	50	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Benzene	4.1	U	4.1	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	5.6	U	5.6	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Bromoform	9.4	U	9.4	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Bromomethane	9.1	U	9.1	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	6.6	U	6.6	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	4.9	U	4.9	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	4.1	U	4.1	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	8.1	U	8.1	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Chloroethane	9.7	U	9.7	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Chloroform	3.7	U	3.7	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Chloromethane	2.4	U	2.4	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	1.9	U	1.9	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	5.4	U	5.4	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	4.3	U	4.3	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Styrene	8.6	U	8.6	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	4.5	U	4.5	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Toluene	6.7	U	6.7	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	1.9	U	1.9	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	4.8	U	4.8	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	1.8	U	1.8	10	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	26	U	26	30	10	ug/L	C	11/14/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	90		64	132	10	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	94		73	127	10	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	102		68	122	10	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/15/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/15/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878271

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-102

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878271-013

PAH/PNA

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Naphthalene	0.024	J	0.012	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Phenanthrene	0.014	J	0.011	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/15/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	64		10	150	1	%		11/15/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	63		20	111	1	%		11/15/06	SW846 3510C	8270C-SIM
Terphenyl-d14	96		44	115	1	%		11/15/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
878271	PCB-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
878271-	M-AG-D	All Samples	A - Analyte is detected in the method blank at a concentration of -0.22 ug/L.
878271-	M-AS-D	All Samples	A - Analyte is detected in the method blank at a concentration of 0.13 ug/L.
878271-	M-MO-W	All Samples	C - Elevated detection limit due to matrix effect. High levels of internal standard for this analyte in the sample.
878271-	M-ZN-D	All Samples	A - Analyte is detected in the method blank at a concentration of 4.1 ug/L.
878271-001	M-AG-W	FBK004	A - Analyte is detected in the method blank at a concentration of -0.22 ug/L.
878271-001	M-FE-W	FBK004	A - Analyte is detected in the method blank at a concentration of 10 ug/L.
878271-001	M-MG-W	FBK004	A - Analyte is detected in the method blank at a concentration of 7.2 ug/L.
878271-001	M-MN-W	FBK004	A - Analyte is detected in the method blank at a concentration of 0.19 ug/L.
878271-001	M-ZN-W	FBK004	A - Analyte is detected in the method blank at a concentration of 4.1 ug/L.
878271-013	TCLV34-W	MW-102	C - Elevated detection limit due to matrix effect (foamer).

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	878271-001	878271-002	878271-003	878271-004	878271-005	878271-006	878271-007	878271-008	878271-009	878271-010	878271-011	878271-012	878271-013
ALKALINITY, BICARB/CARB/TOTAL	B		B	B	B	B	B	B	B	B	B		
ALUMINUM	B												
ALUMINUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
ANTIMONY	B												
ANTIMONY - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
ARSENIC	B												
ARSENIC - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
BARIUM	B												
BARIUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
BERYLLIUM	B												
BERYLLIUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
BORON	B												
BORON - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
CADMIUM	B												
CADMIUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
CALCIUM	B												
CALCIUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
CHLORIDE	B		B	B	B	B	B	B	B	B	B		
CHROMIUM	B												
CHROMIUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
COBALT	B												
COBALT - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
COPPER	B												
COPPER - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
CYANIDE, TOTAL	B		B	B	B	B	B	B	B	B	B		
FLUORIDE	B		B	B	B	B	B	B	B	B	B		
HARDNESS	B												
HARDNESS - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
IRON	B												
IRON - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
LEAD	B												
LEAD - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
LITHIUM	M												
LITHIUM - DISSOLVED			M	M	M	M	M	M	M	M	M	M	
MAGNESIUM	B												
MAGNESIUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
MANGANESE	B												
MANGANESE - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
MERCURY - LOW LEVEL	K												
MERCURY - LOW LEVEL - DISSOLVE			K	K	K	K		K	K	K	K		
MOLYBDENUM	B												

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	878271-001	878271-002	878271-003	878271-004	878271-005	878271-006	878271-007	878271-008	878271-009	878271-010	878271-011	878271-012	878271-013
MOLYBDENUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
NICKEL	B												
NICKEL - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
NITROGEN, AMMONIA	B		B	B	B	B	B	B	B	B	B		
NITROGEN, NITRATE	B		B	B	B	B	B	B	B	B	B		
NITROGEN, NITRITE	B		B	B	B	B	B	B	B	B	B		
PAH/PNA	B		B	B	B	B	B	B	B	B	B		B
PCB	K		K	K	K	K	K	K	K	K	K		
POTASSIUM	B												
POTASSIUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
SELENIUM	B												
SELENIUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
SILVER	B												
SILVER - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
SODIUM	B												
SODIUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
SULFATE	B		B	B	B	B	B	B	B	B	B		
SULFIDE	B		B	B	B	B	B	B	B	B	B		
THALLIUM	B												
THALLIUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
VANADIUM	B												
VANADIUM - DISSOLVED			B	B	B	B	B	B	B	B	B	B	
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G	G	G	G	G	G	G
ZINC	B												
ZINC - DISSOLVED			B	B	B	B	B	B	B	B	B	B	

Code	Facility	Address	MI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	Not Certified
K	Kimberly Laboratory	1090 Kennedy Ave. Kimberly, WI 54136	Not Certified
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	Not Certified

QC Reports for Batch

Batch	QC Report	QC Level	State
878271	QCLevel2-DupNo(MS)MS	QC-2	MI
878271	QCLevel2-LLHg	QC-2	MI
878271	QCLevel2-Standard	QC-2	MI

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878271
Lab Section: WETCHEM
QC Batch Number: 15989
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2081-002MB	WCG2081-002MB
LCS	WCG2081-002MBLCS	WCG2081-002MBLCS
MS	DUP004MS	878271-011MS
MS	KMW-9MS	878271-009MS
MS	878254-006MS	878254-006MS
MSD	DUP004MSD	878271-011MSD
MSD	KMW-9MSD	878271-009MSD
MSD	878254-006MSD	878254-006MSD

Client Sample ID	Lab Sample ID	MB ID
FBK004	878271-001	MB
KMW-2	878271-004	MB
KMW-5	878271-006	MB
KMW-7	878271-008	MB
KMW-9P	878271-010	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-1	878271-003	MB
KMW-4	878271-005	MB
KMW-6A	878271-007	MB
KMW-9	878271-009	MB
DUP004	878271-011	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Fluoride	< 0.096	2.0	1.8	90.0		---	---	---		---		90	110	20	878254-006	0.30	---	---	---		2.0	1.6	66.5		---		---	---	---
Nitrogen, Nitrate	< 0.05	0	---	---		---	---	---		---		---	---	---	878254-006	0.0	---	---	---		---	---	---		---		---	---	---
Nitrogen, Nitrite	< 0.02	0	---	---		---	---	---		---		---	---	---	878254-006	0.0	---	---	---		---	---	---		---		---	---	---
Fluoride	< 0.096	2.0	1.8	90.0		---	---	---		---		90	110	20	878271-009	< 0.096	2.0	2.3	114.0	N	2.0	2.3	116.0	N	1.7		90	110	20
Nitrogen, Nitrate	< 0.05	0	---	---		---	---	---		---		---	---	---	878271-009	< 0.088	1.6	1.5	96.2		1.6	1.6	96.9		0.6		90	110	20
Nitrogen, Nitrite	< 0.02	0	---	---		---	---	---		---		---	---	---	878271-009	< 0.04	0.80	0.85	106.2		0.80	0.86	107.5		1.2		90	110	20
Fluoride	< 0.096	2.0	1.8	90.0		---	---	---		---		90	110	20	878271-011	< 0.096	2.0	2.2	111.0	N	2.0	2.2	109.5		1.4		90	110	20
Nitrogen, Nitrate	< 0.05	0	---	---		---	---	---		---		---	---	---	878271-011	< 0.088	1.6	1.6	97.5		1.6	1.5	93.1		4.6		90	110	20
Nitrogen, Nitrite	< 0.02	0	---	---		---	---	---		---		---	---	---	878271-011	< 0.04	0.80	0.93	116.2	N	0.80	0.88	110.0		5.5		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 15989

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878271
Lab Section: WETCHEM
QC Batch Number: 16020
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-060MB	WCG1919-060MB
LCS	WCG1919-060MBLCS	WCG1919-060MBLCS
MS	878256-001MS	878256-001MS
MSD	878256-001MSD	878256-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK004	878271-001	MB
KMW-2	878271-004	MB
KMW-5	878271-006	MB
KMW-7	878271-008	MB
KMW-9P	878271-010	MB
KMW-1	878271-003	MB
KMW-4	878271-005	MB
KMW-6A	878271-007	MB
KMW-9	878271-009	MB
DUP004	878271-011	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result		MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sulfide	<	2.5	49.2	44.8	91.1		---	---	---		---		80	120	20	878256-001	<	2.5	49.2	48	97.6		49.2	48	97.6		0.0		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16020

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878271
Lab Section: VOA
QC Batch Number: 16063
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2046-98MB	vog2046-98MB
LCS	vog2046-98LCS	vog2046-98LCS
LCSD	vog2046-98LCSD	vog2046-98LCSD
MS	878214-004MS	878214-004MS
MSD	878214-004MSD	878214-004MSD

Client Sample ID	Lab Sample ID	MB ID
FBK004	878271-001	MB
KMW-1	878271-003	MB
KMW-4	878271-005	MB
KMW-6A	878271-007	MB
KMW-9	878271-009	MB

Client Sample ID	Lab Sample ID	MB ID
TRIP BLANK2	878271-002	MB
KMW-2	878271-004	MB
KMW-5	878271-006	MB
KMW-7	878271-008	MB
KMW-9P	878271-010	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	<	0.9	50.0	47.6	95		50.0	46.7	93		1.9			75	126	20	878214-004	<	0.9	50.0	47.4	95		50.0	47	94		1.0			70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	46.1	92		50.0	44.7	89		3.0			67	125	20	878214-004	<	0.2	50.0	45.6	91		50.0	43.5	87		4.6			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	47.6	95		50.0	47.5	95		0.2			75	125	20	878214-004	<	0.42	50.0	47.3	95		50.0	46.4	93		1.8			70	130	30
1,1-Dichloroethane	<	0.75	50.0	44.7	89		50.0	44	88		1.5			71	130	20	878214-004	<	0.75	50.0	44.3	89		50.0	43.4	87		2.2			70	130	30
1,1-Dichloroethene	<	0.57	50.0	51	102		50.0	50	100		1.9			75	125	20	878214-004	<	0.57	50.0	48.3	97		50.0	47.9	96		0.9			70	135	30
1,2-Dichloroethane	<	0.36	50.0	47.8	96		50.0	47	94		1.8			71	132	20	878214-004	<	0.36	50.0	47.5	95		50.0	46.5	93		2.2			70	130	30
1,2-Dichloroethene, Total	<	1.4	100	96	96		100	93.8	94		2.3			75	125	20	878214-004	<	1.4	100	94.6	95		100	94	94		0.7			70	130	30
1,2-Dichloropropane	<	0.46	50.0	46.2	92		50.0	46	92		0.3			73	125	20	878214-004	<	0.46	50.0	45.7	91		50.0	45.2	90		1.2			70	130	30
2-Butanone	<	4.3	50.0	41	82		50.0	41	82		0.1			59	130	20	878214-004	<	4.3	50.0	44.7	89		50.0	44.2	88		1.2			51	130	30
2-Hexanone	<	1.1	50.0	42.6	86		50.0	41.2	82		3.9			51	125	20	878214-004	<	1.1	50.0	43	86		50.0	43.2	86		0.5			53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	45.3	91		50.0	43.9	88		2.9			59	125	20	878214-004	<	1.2	50.0	44.2	88		50.0	44.7	89		1.0			62	130	30
Acetone	<	2.3	50.0	41.5	83		50.0	37.7	75		9.4			31	150	20	878214-004	<	2.3	50.0	40.2	80		50.0	41.6	83		3.4			42	132	30
Benzene	<	0.41	50.0	45.8	92		50.0	45.1	90		1.6			75	125	20	878214-004	<	0.41	50.0	45.5	91		50.0	44.5	89		2.4			70	130	30
Bromodichloromethane	<	0.56	50.0	53.9	108		50.0	52.1	104		3.4			75	125	20	878214-004	<	0.56	50.0	50.5	101		50.0	50.4	101		0.2			70	130	30
Bromoform	<	0.94	50.0	48.3	97		50.0	47.1	94		2.5			75	125	20	878214-004	<	0.94	50.0	41.7	83		50.0	41.2	82		1.2			70	130	30
Bromomethane	<	0.91	50.0	34.3	69		50.0	35.5	71		3.4			66	125	20	878214-004	<	0.91	50.0	35	70		50.0	35.4	71		1.1			63	147	30
Carbon Disulfide	<	0.66	50.0	46	92		50.0	43.4	87		5.7			71	128	20	878214-004	<	0.66	50.0	34.5	69		50.0	34.6	69		0.2			56	142	30
Carbon Tetrachloride	<	0.49	50.0	49.8	100		50.0	48.6	97		2.5			75	125	20	878214-004	<	0.49	50.0	47.1	94		50.0	46.1	92		2.1			70	131	30
Chlorobenzene	<	0.41	50.0	50.4	101		50.0	49.7	99		1.5			75	125	20	878214-004	<	0.41	50.0	49.4	99		50.0	49.6	99		0.4			70	130	30
Chlorodibromomethane	<	0.81	50.0	56.7	113		50.0	55.4	111		2.3			75	125	20	878214-004	<	0.81	50.0	50.8	102		50.0	50.9	102		0.0			70	130	30

Conc = ug/L unless otherwise noted
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Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16063

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloroethane	<	0.97	50.0	46.1	92		50.0	45.5	91		1.4		72	126	20	878214-004	<	0.97	50.0	44.6	89		50.0	44	88		1.4		67	138	30
Chloroform	<	0.37	50.0	46.9	94		50.0	46.6	93		0.6		75	125	20	878214-004	<	0.37	50.0	46.8	94		50.0	45.8	92		2.1		70	130	30
Chloromethane	<	0.24	50.0	42.4	85		50.0	41.9	84		1.3		46	143	20	878214-004	<	0.24	50.0	40.1	80		50.0	38.3	77		4.4		43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	45.6	91		50.0	44	88		3.6		75	125	20	878214-004	<	0.19	50.0	39.4	79		50.0	40.6	81		3.1		70	130	30
Ethylbenzene	<	0.54	50.0	50.3	101		50.0	50	100		0.5		75	125	20	878214-004	<	0.54	50.0	48.2	96		50.0	47.3	95		1.9		70	136	30
Methylene Chloride	<	0.43	50.0	49.2	98		50.0	46.2	92		6.2		75	125	20	878214-004	<	0.43	50.0	49.6	99		50.0	48.1	96		3.0		70	130	30
Styrene	<	0.86	50.0	52.1	104		50.0	51.4	103		1.4		75	125	20	878214-004	<	0.86	50.0	30.8	62	N	50.0	28.2	56	N	8.9		70	130	30
Tetrachloroethene	<	0.45	50.0	52.2	104		50.0	51.8	104		0.9		75	130	20	878214-004	<	0.45	50.0	52	104		50.0	51.5	103		0.9		70	130	30
Toluene	<	0.67	50.0	49.2	98		50.0	48.9	98		0.7		75	125	20	878214-004	<	0.67	50.0	47.1	94		50.0	46.5	93		1.2		70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	46.2	92		50.0	45.6	91		1.3		75	125	20	878214-004	<	0.19	50.0	40.5	81		50.0	41	82		1.3		70	130	30
Trichloroethene	<	0.48	50.0	51.3	103		50.0	49.7	99		3.2		75	125	20	878214-004	<	0.48	50.0	49.5	99		50.0	50.2	100		1.4		70	130	30
Vinyl Chloride	<	0.18	50.0	45.7	91		50.0	44.3	89		3.1		65	130	20	878214-004	<	0.18	50.0	43	86		50.0	41.4	83		3.9		62	138	30
Xylene, Total	<	2.6	150.0	152.4	102		150.0	151.2	101		0.8		75	125	20	878214-004	<	2.6	150.0	131.6	88		150.0	126.5	84		4.0		70	130	30
4-Bromofluorobenzene		73%	---	---	75		---	---	76		---		64	132	---	878214-004		76%	---	---	77		---	---	75		---		64	132	---
Toluene-d8		81%	---	---	82		---	---	83		---		73	127	---	878214-004		75%	---	---	81		---	---	81		---		73	127	---
Dibromofluoromethane		76%	---	---	75		---	---	77		---		68	122	---	878214-004		78%	---	---	77		---	---	78		---		68	122	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006

QC Batch Number: 16063

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878271
Lab Section: VOA
QC Batch Number: 16064
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2046-99MB	vog2046-99MB
LCS	vog2046-99LCS	vog2046-99LCS
LCSD	vog2046-99LCSD	vog2046-99LCSD
MS	878303-001MS	878303-001MS
MSD	878303-001MSD	878303-001MSD

Client Sample ID	Lab Sample ID	MB ID
DUP004	878271-011	MB
MW-102	878271-013	MB

Client Sample ID	Lab Sample ID	MB ID
MW-104	878271-012	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	<	0.9	50.0	57	114		50.0	55.6	111		2.4		75	128	20	878303-001	<	0.9	50.0	55.9	112		50.0	57.9	116		3.6		70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	44.3	89		50.0	44.1	88		0.5		67	125	20	878303-001	<	0.2	50.0	45.1	90		50.0	44.3	89		1.7		70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	47.3	95		50.0	47.2	94		0.3		75	125	20	878303-001	<	0.42	50.0	50.3	101		50.0	49.3	99		2.1		70	130	30
1,1-Dichloroethane	<	0.75	50.0	52.1	104		50.0	52.1	104		0.1		71	130	20	878303-001	<	0.75	50.0	52.6	105		50.0	52.1	104		0.9		70	130	30
1,1-Dichloroethene	<	0.57	50.0	51.1	102		50.0	50.9	102		0.5		75	125	20	878303-001	<	0.57	50.0	52.2	104		50.0	50.3	101		3.7		70	135	30
1,2-Dichloroethane	<	0.36	50.0	58.3	117		50.0	57.5	115		1.4		71	132	20	878303-001	<	0.36	50.0	59	118		50.0	58.8	118		0.5		70	130	30
1,2-Dichloroethene, Total	<	1.4	100.0	104.7	105		100.0	101.8	102		2.8		75	125	20	878303-001		0.000	100.0	104.2	104		100.0	108.3	108		3.9		70	130	30
1,2-Dichloropropane	<	0.46	50.0	48.6	97		50.0	49.4	99		1.7		73	125	20	878303-001	<	0.46	50.0	50.1	100		50.0	50.4	101		0.7		70	130	30
2-Butanone	<	4.3	50.0	44.6	89		50.0	46.4	93		4.1		59	130	20	878303-001	<	4.3	50.0	45.2	90		50.0	48.9	98		7.8		51	130	30
2-Hexanone	<	1.1	50.0	47.2	94		50.0	47.7	95		1.0		51	125	20	878303-001		0.00	50.0	48.8	98		50.0	50.3	101		3.0		53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	50.8	102		50.0	52	104		2.4		59	125	20	878303-001	<	1.2	50.0	53.4	107		50.0	52.7	105		1.3		62	130	30
Acetone	<	2.3	50.0	46.2	92		50.0	48.3	97		4.4		31	150	20	878303-001	<	2.3	50.0	43	86		50.0	45.4	91		5.5		42	132	30
Benzene	<	0.41	50.0	49.8	100		50.0	48.5	97		2.6		75	125	20	878303-001	<	0.41	50.0	49.5	99		50.0	50.8	102		2.7		70	130	30
Bromodichloromethane	<	0.56	50.0	57.9	116		50.0	60.1	120		3.7		75	125	20	878303-001	<	0.56	50.0	59.2	118		50.0	62.3	125		5.1		70	130	30
Bromoform	<	0.94	50.0	48.3	97		50.0	49.6	99		2.7		75	125	20	878303-001	<	0.94	50.0	52.9	106		50.0	52.3	105		1.0		70	130	30
Bromomethane	<	0.91	50.0	41.7	83		50.0	44.1	88		5.6		66	125	20	878303-001	<	0.91	50.0	43.9	88		50.0	44.1	88		0.4		63	147	30
Carbon Disulfide	<	0.66	50.0	51.4	103		50.0	51	102		0.8		71	128	20	878303-001		0.00	50.0	50.6	101		50.0	51.4	103		1.6		56	142	30
Carbon Tetrachloride	<	0.49	50.0	61.2	122		50.0	59	118		3.5		75	125	20	878303-001	<	0.49	50.0	61.3	123		50.0	64.8	130		5.5		70	131	30
Chlorobenzene	<	0.41	50.0	49.7	99		50.0	50	100		0.6		75	125	20	878303-001	<	0.41	50.0	52.1	104		50.0	51.6	103		0.9		70	130	30
Chlorodibromomethane	<	0.81	50.0	56.5	113		50.0	55.8	112		1.1		75	125	20	878303-001	<	0.81	50.0	58.2	116		50.0	60	120		3.0		70	130	30
Chloroethane	<	0.97	50.0	49.8	100		50.0	48.2	95		3.2		72	126	20	878303-001	<	0.97	50.0	48.1	96		50.0	48.4	97		0.7		67	138	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16064

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloroform	<	0.37	50.0	54.6	109		50.0	54.1	108		1.0			75	125	20	878303-001	<	0.37	50.0	53.5	107		50.0	54.5	109		2.0			70	130	30
Chloromethane	<	0.24	50.0	42.4	85		50.0	43.3	87		2.0			46	143	20	878303-001		1.62	50.0	43.4	84		50.0	45.9	89		5.6			43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	51	102		50.0	52.4	105		2.7			75	125	20	878303-001	<	0.19	50.0	53.3	107		50.0	52.8	106		0.9			70	130	30
Ethylbenzene	<	0.54	50.0	53.2	106		50.0	53.9	108		1.4			75	125	20	878303-001	<	0.54	50.0	55.9	112		50.0	55.4	111		0.9			70	136	30
Methylene Chloride	<	0.43	50.0	51.6	103		50.0	50.9	102		1.3			75	125	20	878303-001	<	0.43	50.0	50.6	101		50.0	52.8	106		4.4			70	130	30
Styrene	<	0.86	50.0	52.3	105		50.0	52.9	106		1.0			75	125	20	878303-001	<	0.86	50.0	56.2	112		50.0	54	108		3.9			70	130	30
Tetrachloroethene	<	0.45	50.0	48.9	98		50.0	48.9	98		0.1			75	130	20	878303-001	<	0.45	50.0	51.6	103		50.0	50.4	101		2.3			70	130	30
Toluene	<	0.67	50.0	48.5	97		50.0	48.4	97		0.1			75	125	20	878303-001	<	0.67	50.0	50.3	101		50.0	49.8	100		1.1			70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	52.6	105		50.0	55.1	110		4.6			75	125	20	878303-001	<	0.19	50.0	56.8	114		50.0	56.6	113		0.3			70	130	30
Trichloroethene	<	0.48	50.0	53.8	108		50.0	55.5	111		3.1			75	125	20	878303-001		3.32	50.0	57.4	108		50.0	59.3	112		3.3			70	130	30
Vinyl Chloride	<	0.18	50.0	50.3	101		50.0	48.4	97		3.8			65	130	20	878303-001		1.00	50.0	47.5	93		50.0	50.1	98		5.4			62	138	30
Xylene, Total	<	2.6	150.0	156.8	105		150.0	158	105		0.8			75	125	20	878303-001		0.000	150.0	163.8	109		150.0	160.2	107		2.2			70	130	30
4-Bromofluorobenzene		94%	---	---	93		---	---	94		---			64	132	---	878303-001		89%	---	---	94		---	---	95		---			64	132	---
Toluene-d8		96%	---	---	93		---	---	94		---			73	127	---	878303-001		95%	---	---	96		---	---	97		---			73	127	---
Dibromofluoromethane		95%	---	---	96		---	---	98		---			68	122	---	878303-001		101%	---	---	95		---	---	98		---			68	122	---

Conc = ug/L unless otherwise noted

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Report Date: 11/30/2006

QC Batch Number: 16064

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878271
Lab Section: METALS
QC Batch Number: 16066
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG1978-82	MBWMTG1978-82
MB	MBDMTG1978-82	MBDMTG1978-82
LCS	LCSWMTG1978-82	LCSWMTG1978-82
LCS	LCSDMTG1978-82	LCSDMTG1978-82
MS	878270-002MS	878270-002MS
MSD	878270-002MSD	878270-002MSD

Client Sample ID	Lab Sample ID	MB ID
FBK004	878271-001	MB
KMW-2	878271-004	MB
KMW-5	878271-006	MB
KMW-7	878271-008	MB
KMW-9P	878271-010	MB
MW-104	878271-012	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-1	878271-003	MB
KMW-4	878271-005	MB
KMW-6A	878271-007	MB
KMW-9	878271-009	MB
DUP004	878271-011	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	<	6.3	10000.0	10240	102.4		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Antimony	<	0.24	200.0	221.9	110.9		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Arsenic	J	0.13	200.0	216.3	108.2		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Barium	<	0.12	200.0	213.7	106.8		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Beryllium	<	0.1	200.0	202.3	101.2		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Boron	<	1.2	200.0	198.5	99.2		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Cadmium	<	0.14	200.0	213.6	106.8		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Calcium	<	13	10000.0	10260	102.6		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Chromium	<	0.32	200.0	214.8	107.4		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Cobalt	<	0.026	200.0	212.5	106.2		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Copper	<	0.15	200.0	212.4	106.2		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Iron	J	10	10000.0	10630	106.3		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Lead	<	0.049	200.0	208.9	104.4		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Magnesium	J	7.2	10000	9880	98.8		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Manganese	J	0.19	200.0	214.2	107.1		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Molybdenum	<	0.61	200.0	208.4	104.2		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Nickel	<	0.32	200.0	211.1	105.6		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Potassium	<	5.7	10000.0	10290	102.9		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Selenium	<	0.67	200.0	216.9	108.4		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---

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Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 11/30/2006
QC Batch Number: 16066

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Silver	<	0.034	100.0	100.1	100.1		---	---	---		---			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Sodium	<	17	10000	9670	96.7		---	---	---		---			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Thallium	<	0.053	200.0	199.9	99.9		---	---	---		---			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Vanadium	<	0.1	200.0	209.9	104.9		---	---	---		---			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Zinc	J	4.1	200.0	211.9	105.9		---	---	---		---			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Aluminum - Dissolved	<	6.3	10000.0	10240	102.4		---	---	---		---			75	125	20	878270-002		8.95000E0	10000.0	9984	99.8		10000.0	10150	101.4		1.6			75	125	20
Antimony - Dissolved	<	0.24	200.0	221.9	110.9		---	---	---		---			75	125	20	878270-002		0.3000	200.0	219.1	109.4		200.0	221.5	110.6		1.1			75	125	20
Arsenic - Dissolved	J	0.13	200.0	216.3	108.2		---	---	---		---			75	125	20	878270-002		3.640	200.0	214.9	105.6		200.0	207.9	102.1		3.3			75	125	20
Barium - Dissolved	<	0.12	200.0	213.7	106.8		---	---	---		---			75	125	20	878270-002		28.81	200.0	240.5	105.8		200.0	235.3	103.2		2.2			75	125	20
Beryllium - Dissolved	<	0.1	200.0	202.3	101.2		---	---	---		---			75	125	20	878270-002	<	0.1	200.0	196.7	98.3		200.0	183.4	91.7		7.0			75	125	20
Boron - Dissolved	<	1.2	200.0	198.5	99.2		---	---	---		---			75	125	20	878270-002		55.95	200.0	254.4	99.2		200.0	252.1	98.1		0.9			75	125	20
Cadmium - Dissolved	<	0.14	200.0	213.6	106.8		---	---	---		---			75	125	20	878270-002	<	0.14	200.0	205.6	102.8		200.0	200.3	100.2		2.6			75	125	20
Calcium - Dissolved	<	13	10000.0	10260	102.6		---	---	---		---			75	125	20	878270-002		21560.0	10000.0	30820	92.6		10000.0	31020	94.6		0.6			75	125	20
Chromium - Dissolved	<	0.32	200.0	214.8	107.4		---	---	---		---			75	125	20	878270-002		0.3700	200.0	210.8	105.2		200.0	205	102.3		2.8			75	125	20
Cobalt - Dissolved	<	0.026	200.0	212.5	106.2		---	---	---		---			75	125	20	878270-002		2.510	200.0	216.2	106.8		200.0	206	101.7		4.8			75	125	20
Copper - Dissolved	<	0.15	200.0	212.4	106.2		---	---	---		---			75	125	20	878270-002		0.3000	200.0	206.3	103.0		200.0	203.3	101.5		1.5			75	125	20
Iron - Dissolved	J	10	10000.0	10630	106.3		---	---	---		---			75	125	20	878270-002		3831.00	10000.0	13520	96.9		10000.0	14350	105.2		6.0			75	125	20
Lead - Dissolved	<	0.049	200.0	208.9	104.4		---	---	---		---			75	125	20	878270-002		5.000E-2	200.0	209.6	104.8		200.0	201.1	100.5		4.1			75	125	20
Magnesium - Dissolved	J	7.2	10000.0	9880	98.8		---	---	---		---			75	125	20	878270-002		10550.0	10000.0	19960	94.1		10000.0	20200	96.5		1.2			75	125	20
Manganese - Dissolved	J	0.19	200.00	214.2	107.1		---	---	---		---			75	125	20	878270-002		1970.0	200.00	2060	45.0	+	200.00	2092	61.0	+	1.5			75	125	20
Molybdenum - Dissolved	<	0.61	200.0	208.4	104.2		---	---	---		---			75	125	20	878270-002		4.820	200.0	214	104.6		200.0	218.6	106.9		2.1			75	125	20
Nickel - Dissolved	<	0.32	200.0	211.1	105.6		---	---	---		---			75	125	20	878270-002		2.510	200.0	209.2	103.3		200.0	204.1	100.8		2.5			75	125	20
Potassium - Dissolved	<	5.7	10000.0	10290	102.9		---	---	---		---			75	125	20	878270-002		3462.00	10000.0	13760	103.0		10000.0	13970	105.1		1.5			75	125	20
Selenium - Dissolved	<	0.67	200.0	216.9	108.4		---	---	---		---			75	125	20	878270-002	<	0.67	200.0	207.6	103.8		200.0	199.4	99.7		4.0			75	125	20
Silver - Dissolved	<	0.034	100	100.1	100.1		---	---	---		---			75	125	20	878270-002	<	0.034	100	99.7	99.7		100	98.8	98.8		0.8			75	125	20
Sodium - Dissolved	<	17	10000.0	9670	96.7		---	---	---		---			75	125	20	878270-002		2167.00	10000.0	12030	98.6		10000.0	12030	98.6		0.0			75	125	20
Thallium - Dissolved	<	0.053	200.0	199.9	99.9		---	---	---		---			75	125	20	878270-002	<	0.053	200.0	203.5	101.8		200.0	194.6	97.3		4.5			75	125	20
Vanadium - Dissolved	<	0.1	200.0	209.9	104.9		---	---	---		---			75	125	20	878270-002		0.8800	200.0	207.7	103.4		200.0	198.3	98.7		4.6			75	125	20
Zinc - Dissolved	J	4.1	200.0	211.9	105.9		---	---	---		---			75	125	20	878270-002		4.760	200.0	201.7	98.5		200.0	196.4	95.8		2.7			75	125	20

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006

QC Batch Number: 16066

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878271
Lab Section: PCB-K
QC Batch Number: 16071
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-015PCBMB	SVG2057-015PCBMB
LCS	SVG2057-015PCBLCS	SVG2057-015PCBLCS
LCSD	SVG2057-015PCBLCSD	SVG2057-015PCBLCSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK004	878271-001	MB	KMW-1	878271-003	MB
KMW-2	878271-004	MB	KMW-4	878271-005	MB
KMW-5	878271-006	MB	KMW-6A	878271-007	MB
KMW-7	878271-008	MB	KMW-9	878271-009	MB
KMW-9P	878271-010	MB	DUP004	878271-011	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.24	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1221	<	0.24	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1232	<	0.24	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1242	<	0.24	20.0	21	105		20.0	21.4	107		2.0		47	138	20	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1248	<	0.24	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1254	<	0.24	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1260	<	0.24	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Total PCBs	<	0.24	---	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Tetrachloro-m-xylene		82%	---	---	81		---	---	76		---		42	122	---	---		---	---	---	---		---	---	---		---		---	---	---
Decachlorobiphenyl		54%	---	---	69		---	---	66		---		10	128	---	---		---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16071

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878271
Lab Section: WETCHEM
QC Batch Number: 16100
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-061MB	WCG1919-061MB
LCS	WCG1919-061MBLCS	WCG1919-061MBLCS
MS	878270-001MS	878270-001MS
MSD	878270-001MSD	878270-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK004	878271-001	MB	KMW-1	878271-003	MB
KMW-2	878271-004	MB	KMW-4	878271-005	MB
KMW-5	878271-006	MB	KMW-6A	878271-007	MB
KMW-7	878271-008	MB	KMW-9	878271-009	MB
KMW-9P	878271-010	MB	DUP004	878271-011	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	< 10	12.60	13.3	105.2		---	---	---		---		80	120	20	878270-001	433.2	100.0	532.6	99.4	+	100.0	534.8	101.7	+	0.4		80	120	20
Carbonate Alkalinity	< 10	0	---	---		---	---	---		---		---	---	---	878270-001	< 1.7	---	---	---		---	---	---		---		---	---	---
Total Alkalinity	< 10	12.60	13.3	105.2		---	---	---		---		80	120	20	878270-001	433.2	100.0	532.6	99.4	+	100.0	534.8	101.7	+	0.4		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16100

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878271
Lab Section: BNASIM
QC Batch Number: 16103
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-72MB	svog1945-72MB
LCS	svog1945-72LCS	svog1945-72LCS
LCSD	svog1945-72LCSD	svog1945-72LCSD

Client Sample ID	Lab Sample ID	MB ID
FBK004	878271-001	MB
KMW-2	878271-004	MB
KMW-5	878271-006	MB
KMW-7	878271-008	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-1	878271-003	MB
KMW-4	878271-005	MB
KMW-6A	878271-007	MB

Test Name	Method Blank Result		Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	C	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086		0.20	0.21	103		0.20	0.2	102		1.4		40	126	23	---	---		---	---	---		---	---	---		---		---	---	---
Acenaphthylene	<	0.0086		0.20	0.2	101		0.20	0.2	101		0.2		39	127	24	---	---		---	---	---		---	---	---		---		---	---	---
Anthracene	<	0.012		0.20	0.24	119		0.20	0.24	121		1.5		39	139	27	---	---		---	---	---		---	---	---		---		---	---	---
Benzo(a)anthracene	<	0.017		0.20	0.22	111		0.20	0.22	109		1.8		48	146	20	---	---		---	---	---		---	---	---		---		---	---	---
Benzo(a)pyrene	<	0.019		0.20	0.23	115		0.20	0.24	122		5.2		61	136	20	---	---		---	---	---		---	---	---		---		---	---	---
Benzo(b)fluoranthene	<	0.017		0.20	0.24	119		0.20	0.25	127		7.1		51	141	20	---	---		---	---	---		---	---	---		---		---	---	---
Benzo(ghi)perylene	<	0.02		0.20	0.23	115		0.20	0.25	123		6.0		57	136	20	---	---		---	---	---		---	---	---		---		---	---	---
Benzo(k)fluoranthene	<	0.02		0.20	0.24	119		0.20	0.25	125		4.5		61	149	20	---	---		---	---	---		---	---	---		---		---	---	---
Chrysene	<	0.02		0.20	0.25	125		0.20	0.26	129		3.5		61	150	20	---	---		---	---	---		---	---	---		---		---	---	---
Dibenz(a,h)anthracene	<	0.02		0.20	0.23	113		0.20	0.23	116		2.4		46	150	20	---	---		---	---	---		---	---	---		---		---	---	---
Fluoranthene	<	0.016		0.20	0.24	119		0.20	0.25	126		5.4		48	145	20	---	---		---	---	---		---	---	---		---		---	---	---
Fluorene	<	0.0096		0.20	0.21	106		0.20	0.21	104		2.4		40	131	25	---	---		---	---	---		---	---	---		---		---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02		0.20	0.23	114		0.20	0.24	120		5.4		54	143	20	---	---		---	---	---		---	---	---		---		---	---	---
Naphthalene	<	0.013		0.20	0.2	100		0.20	0.21	103		3.2		45	131	30	---	---		---	---	---		---	---	---		---		---	---	---
Phenanthrene	<	0.012		0.20	0.23	115		0.20	0.23	116		0.9		40	131	25	---	---		---	---	---		---	---	---		---		---	---	---
Pyrene	<	0.015		0.20	0.23	114		0.20	0.23	116		1.1		55	135	20	---	---		---	---	---		---	---	---		---		---	---	---
Nitrobenzene-d5		72%		---	---	77		---	---	77		---		10	150	---	---	---		---	---	---		---	---	---		---		---	---	---
2-Fluorobiphenyl		76%		---	---	82		---	---	81		---		20	111	---	---	---		---	---	---		---	---	---		---		---	---	---
Terphenyl-d14		88%		---	---	87		---	---	90		---		44	115	---	---	---		---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16103

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878271
Lab Section: BNASIM
QC Batch Number: 16147
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-73MB	svog1945-73MB
LCS	svog1945-73LCS	svog1945-73LCS
LCSD	svog1945-73LCSD	svog1945-73LCSD

Client Sample ID	Lab Sample ID	MB ID
KMW-9	878271-009	MB
DUP004	878271-011	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-9P	878271-010	MB
MW-102	878271-013	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.18	88		0.20	0.18	89		1.1		40	126	23	---	---	---	---	---		---	---	---		---		---	---	---
Acenaphthylene	<	0.0086	0.20	0.17	85		0.20	0.17	84		1.2		39	127	24	---	---	---	---	---		---	---	---		---		---	---	---
Anthracene	<	0.012	0.20	0.21	103		0.20	0.21	105		1.4		39	139	27	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(a)anthracene	<	0.017	0.20	0.2	102		0.20	0.19	94		7.4		48	146	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(a)pyrene	<	0.019	0.20	0.2	101		0.20	0.2	100		1.3		61	136	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.21	105		0.20	0.22	111		5.5		51	141	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(ghi)perylene	<	0.02	0.20	0.2	98		0.20	0.2	101		2.5		57	136	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.23	113		0.20	0.22	110		2.9		61	149	20	---	---	---	---	---		---	---	---		---		---	---	---
Chrysene	<	0.02	0.20	0.22	111		0.20	0.22	112		1.1		61	150	20	---	---	---	---	---		---	---	---		---		---	---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.18	89		0.20	0.18	90		1.3		46	150	20	---	---	---	---	---		---	---	---		---		---	---	---
Fluoranthene	<	0.016	0.20	0.23	114		0.20	0.22	109		4.8		48	145	20	---	---	---	---	---		---	---	---		---		---	---	---
Fluorene	<	0.0096	0.20	0.18	91		0.20	0.18	90		0.4		40	131	25	---	---	---	---	---		---	---	---		---		---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.19	93		0.20	0.19	95		1.6		54	143	20	---	---	---	---	---		---	---	---		---		---	---	---
Naphthalene	<	0.013	0.20	0.17	87		0.20	0.17	86		0.5		45	131	30	---	---	---	---	---		---	---	---		---		---	---	---
Phenanthrene	<	0.012	0.20	0.2	101		0.20	0.2	101		0.5		40	131	25	---	---	---	---	---		---	---	---		---		---	---	---
Pyrene	<	0.015	0.20	0.2	99		0.20	0.2	98		1.7		55	135	20	---	---	---	---	---		---	---	---		---		---	---	---
Nitrobenzene-d5		72%	---	---	67		---	---	66		---		10	150	---	---	---	---	---	---		---	---	---		---		---	---	---
2-Fluorobiphenyl		71%	---	---	72		---	---	72		---		20	111	---	---	---	---	---	---		---	---	---		---		---	---	---
Terphenyl-d14		80%	---	---	82		---	---	76		---		44	115	---	---	---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16147

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878271
Lab Section: WETCHEM
QC Batch Number: 16206
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2081-014MB	WCG2081-014MB
LCS	WCG2081-014MBLCS	WCG2081-014MBLCS
MS	878345-005MS	878345-005MS
MS	878270-001MS	878270-001MS
MSD	878345-005MSD	878345-005MSD
MSD	878270-001MSD	878270-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK004	878271-001	MB	KMW-1	878271-003	MB
KMW-2	878271-004	MB	KMW-4	878271-005	MB
KMW-5	878271-006	MB	KMW-6A	878271-007	MB
KMW-7	878271-008	MB	KMW-9	878271-009	MB
KMW-9P	878271-010	MB	DUP004	878271-011	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	0.82	20.0	18.6	93.2		---	---	---		---			90	110	20	878270-001		8.99	20.0	26	84.8	N	20.0	25.9	84.7	N	0.1			90	110	20
Sulfate	<	0.77	16.0	15.3	95.7		---	---	---		---			90	110	20	878270-001		15.0	16.0	29.6	91.1		16.0	29.6	91.1		0.0			90	110	20
Chloride	<	0.82	20.0	18.6	93.2		---	---	---		---			90	110	20	878345-005		5.54	20.0	21.5	79.8	N	20.0	21.7	80.7	N	0.7			90	110	20
Sulfate	<	0.77	16.0	15.3	95.7		---	---	---		---			90	110	20	878345-005		5.45	16.0	18.8	83.4	N	16.0	19.1	85.2	N	1.5			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16206

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878271
Lab Section: WETCHEM
QC Batch Number: 16247
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-048MB	WCG2073-048MB
LCS	WCG2073-048MBLCS	WCG2073-048MBLCS
MS	KMW-2MS	878271-004MS
MS	878214-008MS	878214-008MS
MSD	KMW-2MSD	878271-004MSD
MSD	878214-008MSD	878214-008MSD

Client Sample ID	Lab Sample ID	MB ID
FBK004	878271-001	MB
KMW-2	878271-004	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-1	878271-003	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.099	98.6		---	---	---		---		90	110	20	878214-008	<	0.0094	0.10	0.098	98.0		0.10	0.095	94.8		3.3		90	110	20
Cyanide, Total	<	0.0094	0.10	0.099	98.6		---	---	---		---		90	110	20	878271-004	<	0.0094	0.10	0.1	100.1		0.10	0.099	99.1		1.0		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16247

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878271
Lab Section: WETCHEM
QC Batch Number: 16288
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-050MB	WCG2073-050MB
LCS	WCG2073-050MBLCS	WCG2073-050MBLCS
MS	878483-001MS	878483-001MS
MS	878326-001MS	878326-001MS
MSD	878483-001MSD	878483-001MSD
MSD	878326-001MSD	878326-001MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-4	878271-005	MB
KMW-6A	878271-007	MB
KMW-9	878271-009	MB
DUP004	878271-011	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-5	878271-006	MB
KMW-7	878271-008	MB
KMW-9P	878271-010	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	< 0.0094	0.10	0.09	90.0		---	---	---		---		90	110	20	878326-001	< 0.0094	0.10	0.095	94.9		0.10	0.096	96.2		1.4		90	110	20
Cyanide, Total	< 0.0094	0.10	0.09	90.0		---	---	---		---		90	110	20	878483-001	< 0.0094	0.10	0.092	91.6		0.10	0.093	92.8		1.3		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16288

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878271
Lab Section: METALS-K
QC Batch Number: 16318
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-034	MBMTK0966-034
IPR	IPRWMTK0966-034	IPRWMTK0966-034
OPR	OPRWMTK0966-034	OPRWMTK0966-034
MS	KMW-4MS	878271-005MS
MS	KMW-1MS	878271-003MS
MSD	KMW-4MSD	878271-005MSD
MSD	KMW-1MSD	878271-003MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-1	878271-003	MB
KMW-4	878271-005	MB
KMW-7	878271-008	MB
KMW-9P	878271-010	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-2	878271-004	MB
KMW-5	878271-006	MB
KMW-9	878271-009	MB
DUP004	878271-011	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Dissol	0.49	0	---	---		---	---	---		---		---	---	---	878271-003	1.2	5.0	5.9	94.0		5.0	5.8	92.4		1.4		75	125	24
Mercury - Low Level - Dissol	0.49	0	---	---		---	---	---		---		---	---	---	878271-005	0.60	5.0	5.3	94.6		5.0	5.3	94.0		0.6		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16318

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878271
Lab Section: WETCHEM
QC Batch Number: 16330
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-054MB	WCG2073-054MB
LCS	WCG2073-054MBLCS	WCG2073-054MBLCS
MS	878519-008MS	878519-008MS
MS	KMW-9MS	878271-009MS
MSD	878519-008MSD	878519-008MSD
MSD	KMW-9MSD	878271-009MSD

Client Sample ID	Lab Sample ID	MB ID
FBK004	878271-001	MB
KMW-2	878271-004	MB
KMW-5	878271-006	MB
KMW-7	878271-008	MB
KMW-9P	878271-010	MB
KMW-1	878271-003	MB
KMW-4	878271-005	MB
KMW-6A	878271-007	MB
KMW-9	878271-009	MB
DUP004	878271-011	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.2	10.0	9.6	96.3		---	---	---		---			90	110	20	878271-009		0.616	10.0	10.9	103.2		10.0	10.5	98.6		4.3			90	110	20
Nitrogen, Ammonia	<	0.2	10.0	9.6	96.3		---	---	---		---			90	110	20	878519-008	<	0.2	10.0	10.5	105.4		10.0	10.4	103.8		1.6			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16330

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878271
Lab Section: METALS-K
QC Batch Number: 16338
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-035	MBMTK0966-035
IPR	IPRWMTK0966-035	IPRWMTK0966-035
OPR	OPRWMTK0966-035	OPRWMTK0966-035
MS	878378-002MS	878378-002MS
MS	878283-001MS	878283-001MS
MS	878261-002MS	878261-002MS
MSD	878378-002MSD	878378-002MSD
MSD	878283-001MSD	878283-001MSD
MSD	878261-002MSD	878261-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK004	878271-001	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level	0.21	0	---	---		---	---	---		---		---	---	---	878261-002	10.3	10.0	19.9	95.3		10.0	19.5	91.6		1.9		75	125	24
Mercury - Low Level	0.21	0	---	---		---	---	---		---		---	---	---	878283-001	175.9	200.0	346.5	85.3		200.0	348	86.0		0.4		75	125	24
Mercury - Low Level	0.21	0	---	---		---	---	---		---		---	---	---	878378-002	37.73	100.0	121.5	83.8		100.0	123.9	86.2		2.0		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16338

Sample Condition Upon Receipt

Pace Analytical

Client Name: North Jackson Co Project # 8982971

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Optional: Proj. Due Date: Proj. Name:

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☒ None ☐ Other _____

Thermometer Used ~~Lm NAE~~ JB Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature ~~Lm RO~~ 1° Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: Lm 11-9-06 / RB 11-9-06

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. Nitrate, Nitrite 48hr
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☐Yes ☒No ☐N/A	10. #007 Sample 500 mh HgHg broken in cooler when rec'd by lab on 11-9-06 1217 LM
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed LM / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☒Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Affor TN **Date:** 11/38/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Batch No. 878270

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

November 29, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 878270 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Alee Kh for Tod N.

Tod Noltemeyer
Project Manager

(Please Print Clearly)

Company Name:	North Jackson Co
Branch/Location:	Marquette, MI
Project Contact:	
Phone:	906-225-6787
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Andrew Marzacini
Sampled By (Sign):	
PO #:	
Regulatory Program:	

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

✓ MB

COC No. 015112

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	FVD
Mail To Address:	Green Bay WI
Invoice To Contact:	SAME
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SL = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested								CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A											
001	MW-601	11/8/06	0950	W			6		3	1	2	1	1			3-1L 2-500mL 6-250mL 3-40mL	
002	KMW-10	11/8/06	1155	W			6		3	1	2	1	1				

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11/8/06 1700	Fed Ex	11-9-06 1075
Fed Ex	11-9-06 1075	LeAnne Markham	11-9-06 1075

PACE Project No.
8978270

Receipt Temp = °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 878270

Client: FOTH & VAN DYKE

Lab Contact: Tod Noltemeyer

Project Name: HUMBOLDT MILL

Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
878270-001	MW-601	WATER	11/08/06 09:50
878270-002	KMW-10	WATER	11/08/06 11:55

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alee W/ for Tod N — Approval Signature

11/30/06 — Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878270

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-601

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878270-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	58		6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.44	B	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	26		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	310		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.12	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	440		1.2	10	1	ug/L	E	11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	100000		130	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Chromium - Dissolved	2.6		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	9.2		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	1.0		0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	350		1.5	20	10	mg/L		11/22/06	SW846 3020A	6020/2340B
Iron - Dissolved	41000		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.19	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	1.0		0.070	0.24	1	ug/L		11/16/06	EPA 3020	EPA 6020
Magnesium - Dissolved	24000		46	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Manganese - Dissolved	7800		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	6.5	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	8.5		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	11000		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	1.9		0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	29000		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.070	B	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	5.0		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	12		0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	1.33		0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	430				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	9.0		0.82	5.0	1	mg/L	N	11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.28	B	0.096	0.50	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	6.9		0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	15		0.77	4.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	430				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878270

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-601

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878270-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroform	0.38	J	0.37	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.63	J	0.43	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	93		64	132	1	%		11/13/06	SW846 5030B	SW846 8260B
Toluene-d8	95		73	127	1	%		11/13/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	100		68	122	1	%		11/13/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878270

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-601

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878270-001

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.041	J	0.012	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Phenanthrene	0.012	J	0.011	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	81		10	150	1	%		11/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	71		20	111	1	%		11/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	97		44	115	1	%		11/13/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	88		42	122	1	%		11/15/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	82		10	128	1	%		11/15/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878270

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-10

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878270-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	9.0	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.30	B	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	3.6		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	29		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	56		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	22000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.37	B	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	2.5		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.30	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	97		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	3800		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.050	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	2.4		0.070	0.24	1	ug/L		11/16/06	EPA 3020	EPA 6020
Magnesium - Dissolved	11000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	2000		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	4.8	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	2.5		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3500		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	2200		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.88	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	4.8	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.750		0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	95				1	mg/L		11/14/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U			1	mg/L		11/14/06	SM 2320B	SM 2320B
Chloride	3.0	B	0.82	5.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.35	B	0.096	0.50	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.24	B	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	13		0.77	4.0	1	mg/L		11/17/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/11/06	EPA 376.1	EPA 376.1
Total Alkalinity	95				1	mg/L		11/14/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878270

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-10

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878270-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	94		64	132	1	%		11/13/06	SW846 5030B	SW846 8260B
Toluene-d8	95		73	127	1	%		11/13/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	97		68	122	1	%		11/13/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878270

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-10

Matrix Type : WATER
Collection Date : 11/08/06
Report Date : 11/28/06
Lab Sample Number : 878270-002

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.021	J	0.012	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	80		10	150	1	%		11/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	80		20	111	1	%		11/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	98		44	115	1	%		11/13/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	86		42	122	1	%		11/15/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	74		10	128	1	%		11/15/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
878270	PCB-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
878270-	M-AG-D	All Samples	A - Analyte is detected in the method blank at a concentration of -0.22 ug/L.
878270-	M-ZN-D	All Samples	A - Analyte is detected in the method blank at a concentration of 4.1 ug/L.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	878270-001	878270-002
ALKALINITY, BICARB/CARB/TOTAL	B	B
ALUMINUM - DISSOLVED	B	B
ANTIMONY - DISSOLVED	B	B
ARSENIC - DISSOLVED	B	B
BARIUM - DISSOLVED	B	B
BERYLLIUM - DISSOLVED	B	B
BORON - DISSOLVED	B	B
CADMIUM - DISSOLVED	B	B
CALCIUM - DISSOLVED	B	B
CHLORIDE	B	B
CHROMIUM - DISSOLVED	B	B
COBALT - DISSOLVED	B	B
COPPER - DISSOLVED	B	B
CYANIDE, TOTAL	B	B
FLUORIDE	B	B
HARDNESS - DISSOLVED	B	B
IRON - DISSOLVED	B	B
LEAD - DISSOLVED	B	B
LITHIUM - DISSOLVED	M	M
MAGNESIUM - DISSOLVED	B	B
MANGANESE - DISSOLVED	B	B
MERCURY - LOW LEVEL - DISSOLVE	K	K
MOLYBDENUM - DISSOLVED	B	B
NICKEL - DISSOLVED	B	B
NITROGEN, AMMONIA	B	B
NITROGEN, NITRATE	B	B
NITROGEN, NITRITE	B	B
PAH/PNA	B	B
PCB	K	K
POTASSIUM - DISSOLVED	B	B
SELENIUM - DISSOLVED	B	B
SILVER - DISSOLVED	B	B
SODIUM - DISSOLVED	B	B
SULFATE	B	B
SULFIDE	B	B
THALLIUM - DISSOLVED	B	B
VANADIUM - DISSOLVED	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G
ZINC - DISSOLVED	B	B

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Code	Facility	Address	MI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	Not Certified
K	Kimberly Laboratory	1090 Kennedy Ave. Kimberly, WI 54136	Not Certified
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	Not Certified

QC Reports for Batch

Batch	QC Report	QC Level	State
878270	QCLevel2-DupNo(MS)MS	QC-2	MI
878270	QCLevel2-LLHg	QC-2	MI
878270	QCLevel2-Standard	QC-2	MI

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878270
Lab Section: WETCHEM
QC Batch Number: 15989
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2081-002MB	WCG2081-002MB
LCS	WCG2081-002MBLCS	WCG2081-002MBLCS
MS	878271-011MS	878271-011MS
MS	878271-009MS	878271-009MS
MS	878254-006MS	878254-006MS
MSD	878271-011MSD	878271-011MSD
MSD	878271-009MSD	878271-009MSD
MSD	878254-006MSD	878254-006MSD

Client Sample ID: MW-601 | **Lab Sample ID:** 878270-001 | **MB ID:** MB

Client Sample ID: KMW-10 | **Lab Sample ID:** 878270-002 | **MB ID:** MB

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Fluoride	<	0.096	2.0	1.8	90.0		---	---	---		---		90	110	20	878254-006		0.30	---	---	---		2.0	1.6	66.5		---		---	---	---
Nitrogen, Nitrate	<	0.05	0	---	---		---	---	---		---		---	---	---	878254-006		0.0	---	---	---		---	---	---		---		---	---	---
Nitrogen, Nitrite	<	0.02	0	---	---		---	---	---		---		---	---	---	878254-006		0.0	---	---	---		---	---	---		---		---	---	---
Fluoride	<	0.096	2.0	1.8	90.0		---	---	---		---		90	110	20	878271-009	<	0.096	2.0	2.3	114.0	N	2.0	2.3	116.0	N	1.7		90	110	20
Nitrogen, Nitrate	<	0.05	0	---	---		---	---	---		---		---	---	---	878271-009	<	0.088	1.6	1.5	96.2		1.6	1.6	96.9		0.6		90	110	20
Nitrogen, Nitrite	<	0.02	0	---	---		---	---	---		---		---	---	---	878271-009	<	0.04	0.80	0.85	106.2		0.80	0.86	107.5		1.2		90	110	20
Fluoride	<	0.096	2.0	1.8	90.0		---	---	---		---		90	110	20	878271-011	<	0.096	2.0	2.2	111.0	N	2.0	2.2	109.5		1.4		90	110	20
Nitrogen, Nitrate	<	0.05	0	---	---		---	---	---		---		---	---	---	878271-011	<	0.088	1.6	1.6	97.5		1.6	1.5	93.1		4.6		90	110	20
Nitrogen, Nitrite	<	0.02	0	---	---		---	---	---		---		---	---	---	878271-011	<	0.04	0.80	0.93	116.2	N	0.80	0.88	110.0		5.5		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 15989

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878270
Lab Section: WETCHEM
QC Batch Number: 16020
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-060MB	WCG1919-060MB
LCS	WCG1919-060MBLCS	WCG1919-060MBLCS
MS	878256-001MS	878256-001MS
MSD	878256-001MSD	878256-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	878270-001	MB
KMW-10	878270-002	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Sulfide	< 2.5	49.2	44.8	91.1		---	---	---		---		80	120	20	878256-001	< 2.5	49.2	48	97.6		49.2	48	97.6		0.0		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16020

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878270
Lab Section: VOA
QC Batch Number: 16025
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2046-94MB	vog2046-94MB
LCS	vog2046-94LCS	vog2046-94LCS
LCSD	vog2046-94LCSD	vog2046-94LCSD
MS	878160-006MS	878160-006MS
MSD	878160-006MSD	878160-006MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	878270-001	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-10	878270-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	<	0.9	50.0	58.2	116		50.0	57.6	115		1.0		75	128	20	878160-006	<	0.9	50.0	60.2	120		50.0	55.7	111		7.8		70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	44.3	89		50.0	43.1	86		2.9		67	125	20	878160-006	<	0.2	50.0	43.9	88		50.0	42.8	86		2.5		70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	49	98		50.0	48.3	97		1.3		75	125	20	878160-006	<	0.42	50.0	49.6	99		50.0	47.9	96		3.4		70	130	30
1,1-Dichloroethane	<	0.75	50.0	52.9	106		50.0	51.7	103		2.3		71	130	20	878160-006	<	0.75	50.0	52.9	106		50.0	51.2	102		3.2		70	130	30
1,1-Dichloroethene	<	0.57	50.0	54.2	108		50.0	53.6	107		1.1		75	125	20	878160-006	<	0.57	50.0	52.3	105		50.0	51.4	103		1.7		70	135	30
1,2-Dichloroethane	<	0.36	50.0	58.6	117		50.0	58.7	117		0.2		71	132	20	878160-006	<	0.36	50.0	59	118		50.0	56.9	114		3.6		70	130	30
1,2-Dichloroethene, Total	<	1.4	100.0	103.5	103		100.0	103.3	103		0.2		75	125	20	878160-006	<	1.4	100.0	106.2	106		100.0	99.3	99		6.8		70	130	30
1,2-Dichloropropane	<	0.46	50.0	50	100		50.0	50.4	101		0.9		73	125	20	878160-006	<	0.46	50.0	50	100		50.0	51.3	103		2.5		70	130	30
2-Butanone	<	4.3	50.0	42.1	84		50.0	44.5	89		5.5		59	130	20	878160-006	<	4.3	50.0	46	92		50.0	45.6	91		1.0		51	130	30
2-Hexanone	<	1.1	50.0	47.3	95		50.0	49.1	98		3.6		51	125	20	878160-006	<	1.1	50.0	47.9	96		50.0	48.4	97		1.0		53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	52.6	105		50.0	54.2	108		3.0		59	125	20	878160-006	<	1.2	50.0	50.9	102		50.0	51.4	103		1.1		62	130	30
Acetone	<	2.3	50.0	43.1	86		50.0	44.1	88		2.2		31	150	20	878160-006	<	2.3	50.0	45.5	91		50.0	45.4	91		0.2		42	132	30
Benzene	<	0.41	50.0	49.1	98		50.0	49	98		0.2		75	125	20	878160-006	<	0.41	50.0	50.2	100		50.0	46.7	93		7.1		70	130	30
Bromodichloromethane	<	0.56	50.0	61.3	123		50.0	62.8	126	&	2.4		75	125	20	878160-006	<	0.56	50.0	62.6	125		50.0	59.9	120		4.5		70	130	30
Bromoform	<	0.94	50.0	51.8	104		50.0	53.4	107		3.0		75	125	20	878160-006	<	0.94	50.0	50.1	100		50.0	50.9	102		1.6		70	130	30
Bromomethane	<	0.91	50.0	42.9	86		50.0	45.3	91		5.6		66	125	20	878160-006	<	0.91	50.0	47.9	96		50.0	47.5	95		0.9		63	147	30
Carbon Disulfide	<	0.66	50.0	53.7	107		50.0	52.8	106		1.6		71	128	20	878160-006	<	0.66	50.0	52.4	105		50.0	50.6	101		3.5		56	142	30
Carbon Tetrachloride	<	0.49	50.0	61.3	123		50.0	63.7	127	&	3.9		75	125	20	878160-006	<	0.49	50.0	64.7	129		50.0	61.8	124		4.6		70	131	30
Chlorobenzene	<	0.41	50.0	50.9	102		50.0	51.5	103		1.0		75	125	20	878160-006	<	0.41	50.0	52.2	104		50.0	51.7	103		1.0		70	130	30
Chlorodibromomethane	<	0.81	50.0	59.8	120		50.0	60.4	121		0.9		75	125	20	878160-006	<	0.81	50.0	60.2	120		50.0	60.2	120		0.1		70	130	30
Chloroethane	<	0.97	50.0	51.2	102		50.0	50.3	101		1.8		72	126	20	878160-006	<	0.97	50.0	50.8	102		50.0	48.6	97		4.3		67	138	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16025

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD		LCS/LCSD Control Limits			Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD		MS/MSD Control Limits		
		Conc		Conc	%	C		Conc	%	C	%	C	LCL %	UCL %	RPD %					Conc	%	C		Conc	%	C	%	C	LCL %	UCL %	RPD %
Chloroform	<	0.37	50.0	55.1	110		50.0	54.2	108		1.5		75	125	20	878160-006	<	0.37	50.0	55.5	111		50.0	53.5	107		3.8		70	130	30
Chloromethane	<	0.24	50.0	48	96		50.0	47.1	94		2.0		46	143	20	878160-006	<	0.24	50.0	49.5	99		50.0	46.2	92		7.0		43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	52	104		50.0	54	108		3.8		75	125	20	878160-006	<	0.19	50.0	53	106		50.0	52.9	106		0.1		70	130	30
Ethylbenzene	<	0.54	50.0	54.9	110		50.0	54.4	109		0.9		75	125	20	878160-006	<	0.54	50.0	55.4	111		50.0	55.2	110		0.3		70	136	30
Methylene Chloride	<	0.43	50.0	50.3	101		50.0	50.1	100		0.4		75	125	20	878160-006	<	0.43	50.0	51.9	104		50.0	49.6	99		4.5		70	130	30
Styrene	<	0.86	50.0	54.8	110		50.0	54.9	110		0.2		75	125	20	878160-006	<	0.86	50.0	54.1	108		50.0	54.7	109		1.0		70	130	30
Tetrachloroethene	<	0.45	50.0	53.6	107		50.0	51.3	103		4.3		75	130	20	878160-006	<	0.45	50.0	50.9	102		50.0	51.6	103		1.3		70	130	30
Toluene	<	0.67	50.0	50.3	101		50.0	50	100		0.5		75	125	20	878160-006	<	0.67	50.0	49.6	99		50.0	49.4	99		0.4		70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	57.4	115		50.0	56.5	113		1.6		75	125	20	878160-006	<	0.19	50.0	56.6	113		50.0	57.6	115		1.8		70	130	30
Trichloroethene	<	0.48	50.0	55.7	111		50.0	56	112		0.6		75	125	20	878160-006	<	0.48	50.0	54.9	110		50.0	56.7	113		3.2		70	130	30
Vinyl Chloride	<	0.18	50.0	53.2	106		50.0	52.5	105		1.3		65	130	20	878160-006	<	0.18	50.0	53.7	107		50.0	51.5	103		4.2		62	138	30
Xylene, Total	<	2.6	150.0	161.7	108		150.0	162.4	108		0.4		75	125	20	878160-006	<	2.6	150.0	160	107		150.0	160.9	107		0.6		70	130	30
4-Bromofluorobenzene		95%	---	---	96		---	---	96		---		64	132	---	878160-006		92%	---	---	97		---	---	95		---		64	132	---
Toluene-d8		96%	---	---	95		---	---	97		---		73	127	---	878160-006		92%	---	---	95		---	---	96		---		73	127	---
Dibromofluoromethane		100%	---	---	95		---	---	100		---		68	122	---	878160-006		97%	---	---	99		---	---	96		---		68	122	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006

QC Batch Number: 16025

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878270
Lab Section: PCB-K
QC Batch Number: 16036
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-014PCB-WMB	SVG2057-014PCB-WMB
LCS	SVG2057-014PCB-WLCS	SVG2057-014PCB-WLCS
LCSD	SVG2057-014PCB-WLCS	SVG2057-014PCB-WLCS

Client Sample ID	Lab Sample ID	MB ID
MW-601	878270-001	MB
KMW-10	878270-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---	
Aroclor 1221	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---	
Aroclor 1232	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---	
Aroclor 1242	<	0.24	20.0	20.6	103		20.0	21.2	106		3.0			47	138	20	---	---	---	---	---		---	---	---		---		---	---	---	
Aroclor 1248	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---	
Aroclor 1254	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---	
Aroclor 1260	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---	
Total PCBs	<	0.24	---	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---	
Tetrachloro-m-xylene		85%	---	---	81		---	---	81		---			42	122	---	---	---	---	---	---		---	---	---		---		---	---	---	
Decachlorobiphenyl		38%	---	---	44		---	---	35		---			10	128	---	---	---	---	---	---		---	---	---		---		---	---	---	

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 11/30/2006
QC Batch Number: 16036

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878270
Lab Section: METALS
QC Batch Number: 16066
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG1978-82	MBWMTG1978-82
MB	MBDMTG1978-82	MBDMTG1978-82
LCS	LCSWMTG1978-82	LCSWMTG1978-82
LCS	LCSDMTG1978-82	LCSDMTG1978-82
MS	KMW-10MS	878270-002MS
MSD	KMW-10MSD	878270-002MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	878270-001	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-10	878270-002	MB

Test Name	Method Blank Result		Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum - Dissolved	<	6.3	10000.0	10240	102.4			---	---	---		---			75	125	20	878270-002		9.95000E0	10000.0	9984	99.8		10000.0	10150	101.4		1.6			75	125	20
Antimony - Dissolved	<	0.24	200.0	221.9	110.9			---	---	---		---			75	125	20	878270-002		0.3000	200.0	219.1	109.4		200.0	221.5	110.6		1.1			75	125	20
Arsenic - Dissolved	J	0.13	200.0	216.3	108.2			---	---	---		---			75	125	20	878270-002		3.640	200.0	214.9	105.6		200.0	207.9	102.1		3.3			75	125	20
Barium - Dissolved	<	0.12	200.0	213.7	106.8			---	---	---		---			75	125	20	878270-002		26.81	200.0	240.5	105.8		200.0	235.3	103.2		2.2			75	125	20
Beryllium - Dissolved	<	0.1	200.0	202.3	101.2			---	---	---		---			75	125	20	878270-002	<	0.1	200.0	196.7	98.3		200.0	183.4	91.7		7.0			75	125	20
Boron - Dissolved	<	1.2	200.0	198.5	99.2			---	---	---		---			75	125	20	878270-002		55.95	200.0	254.4	99.2		200.0	252.1	98.1		0.9			75	125	20
Cadmium - Dissolved	<	0.14	200.0	213.6	106.8			---	---	---		---			75	125	20	878270-002	<	0.14	200.0	205.6	102.8		200.0	200.3	100.2		2.6			75	125	20
Calcium - Dissolved	<	13	10000.0	10260	102.6			---	---	---		---			75	125	20	878270-002		21560.0	10000.0	30820	92.6		10000.0	31020	94.6		0.6			75	125	20
Chromium - Dissolved	<	0.32	200.0	214.8	107.4			---	---	---		---			75	125	20	878270-002		0.3700	200.0	210.8	105.2		200.0	205	102.3		2.8			75	125	20
Cobalt - Dissolved	<	0.026	200.0	212.5	106.2			---	---	---		---			75	125	20	878270-002		2.510	200.0	216.2	106.8		200.0	206	101.7		4.8			75	125	20
Copper - Dissolved	<	0.15	200.0	212.4	106.2			---	---	---		---			75	125	20	878270-002		0.3000	200.0	206.3	103.0		200.0	203.3	101.5		1.5			75	125	20
Iron - Dissolved	J	10	10000.0	10630	106.3			---	---	---		---			75	125	20	878270-002		3831.00	10000.0	13520	96.9		10000.0	14350	105.2		6.0			75	125	20
Lead - Dissolved	<	0.049	200.0	208.9	104.4			---	---	---		---			75	125	20	878270-002		5.000E-2	200.0	209.6	104.8		200.0	201.1	100.5		4.1			75	125	20
Magnesium - Dissolved	J	7.2	10000.0	9880	98.8			---	---	---		---			75	125	20	878270-002		10550.0	10000.0	19960	94.1		10000.0	20200	96.5		1.2			75	125	20
Manganese - Dissolved	J	0.19	200.00	214.2	107.1			---	---	---		---			75	125	20	878270-002		1970.0	200.00	2060	45.0	+	200.00	2092	61.0	+	1.5			75	125	20
Molybdenum - Dissolved	<	0.61	200.0	208.4	104.2			---	---	---		---			75	125	20	878270-002		4.820	200.0	214	104.6		200.0	218.6	106.9		2.1			75	125	20
Nickel - Dissolved	<	0.32	200.0	211.1	105.6			---	---	---		---			75	125	20	878270-002		2.510	200.0	209.2	103.3		200.0	204.1	100.8		2.5			75	125	20
Potassium - Dissolved	<	5.7	10000.0	10290	102.9			---	---	---		---			75	125	20	878270-002		3462.00	10000.0	13760	103.0		10000.0	13970	105.1		1.5			75	125	20
Selenium - Dissolved	<	0.67	200.0	216.9	108.4			---	---	---		---			75	125	20	878270-002	<	0.67	200.0	207.6	103.8		200.0	199.4	99.7		4.0			75	125	20
Silver - Dissolved	<	0.034	100	100.1	100.1			---	---	---		---			75	125	20	878270-002	<	0.034	100	99.7	99.7		100	98.8	98.8		0.8			75	125	20
Sodium - Dissolved	<	17	10000.0	9670	96.7			---	---	---		---			75	125	20	878270-002		2167.00	10000.0	12030	98.6		10000.0	12030	98.6		0.0			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 11/30/2006
QC Batch Number: 16066

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Thallium - Dissolved	<	0.053	200.0	199.9	99.9		---	---	---		---		75	125	20	878270-002	<	0.053	200.0	203.5	101.8		200.0	194.6	97.3		4.5		75	125	20
Vanadium - Dissolved	<	0.1	200.0	209.9	104.9		---	---	---		---		75	125	20	878270-002		0.8800	200.0	207.7	103.4		200.0	198.3	98.7		4.6		75	125	20
Zinc - Dissolved	J	4.1	200.0	211.9	105.9		---	---	---		---		75	125	20	878270-002		4.760	200.0	201.7	98.5		200.0	196.4	95.8		2.7		75	125	20

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

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Report Date: 11/30/2006

QC Batch Number: 16066

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878270
Lab Section: BNASIM
QC Batch Number: 16069
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-71MB	svog1945-71MB
LCS	svog1945-71LCS	svog1945-71LCS
LCSD	svog1945-71LCSD	svog1945-71LCSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	878270-001	MB
KMW-10	878270-002	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD		LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD		MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.18	89		0.20	0.16	79		11.6		40	126	23	---		---	---	---	---		---	---	---		---		---	---	---
Acenaphthylene	<	0.0086	0.20	0.18	88		0.20	0.16	78		12.3		39	127	24	---		---	---	---	---		---	---	---		---		---	---	---
Anthracene	<	0.012	0.20	0.21	103		0.20	0.19	95		7.9		39	139	27	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(a)anthracene	<	0.017	0.20	0.21	107		0.20	0.17	87		21.0	*	48	146	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(a)pyrene	<	0.019	0.20	0.23	114		0.20	0.18	91		22.5	*	61	136	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.24	120		0.20	0.19	95		23.3	*	51	141	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(ghi)perylene	<	0.02	0.20	0.23	114		0.20	0.18	91		22.3	*	57	136	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.23	117		0.20	0.19	95		21.1	*	61	149	20	---		---	---	---	---		---	---	---		---		---	---	---
Chrysene	<	0.02	0.20	0.24	118		0.20	0.2	98		18.5		61	150	20	---		---	---	---	---		---	---	---		---		---	---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.22	109		0.20	0.17	87		22.6	*	46	150	20	---		---	---	---	---		---	---	---		---		---	---	---
Fluoranthene	<	0.016	0.20	0.22	109		0.20	0.19	97		11.9		48	145	20	---		---	---	---	---		---	---	---		---		---	---	---
Fluorene	<	0.0096	0.20	0.18	90		0.20	0.16	81		11.4		40	131	25	---		---	---	---	---		---	---	---		---		---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.22	111		0.20	0.18	89		22.1	*	54	143	20	---		---	---	---	---		---	---	---		---		---	---	---
Naphthalene	<	0.013	0.20	0.17	86		0.20	0.25	124		36.3	*	45	131	30	---		---	---	---	---		---	---	---		---		---	---	---
Phenanthrene	<	0.012	0.20	0.2	99		0.20	0.18	89		10.5		40	131	25	---		---	---	---	---		---	---	---		---		---	---	---
Pyrene	<	0.015	0.20	0.2	101		0.20	0.17	87		15.4		55	135	20	---		---	---	---	---		---	---	---		---		---	---	---
Nitrobenzene-d5		214%	---	---	69		---	---	61		---		10	150	---	---		---	---	---	---		---	---	---		---		---	---	---
2-Fluorobiphenyl		209%	---	---	72		---	---	62		---		20	111	---	---		---	---	---	---		---	---	---		---		---	---	---
Terphenyl-d14		268%	---	---	85		---	---	74		---		44	115	---	---		---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 11/30/2006
QC Batch Number: 16069

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878270
Lab Section: WETCHEM
QC Batch Number: 16100
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-061MB	WCG1919-061MB
LCS	WCG1919-061MBLCS	WCG1919-061MBLCS
MS	MW-601MS	878270-001MS
MSD	MW-601MSD	878270-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	878270-001	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-10	878270-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	<	10	12.60	13.3	105.2		---	---	---		---		80	120	20	878270-001		433.2	100.0	532.6	99.4	+	100.0	534.8	101.7	+	0.4		80	120	20
Carbonate Alkalinity	<	10	0	---	---		---	---	---		---		---	---	---	878270-001	<	1.7	---	---	---		---	---	---		---		---	---	---
Total Alkalinity	<	10	12.60	13.3	105.2		---	---	---		---		80	120	20	878270-001		433.2	100.0	532.6	99.4	+	100.0	534.8	101.7	+	0.4		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 11/30/2006
QC Batch Number: 16100

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878270
Lab Section: METALS-K
QC Batch Number: 16104
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-031	MBMTK0966-031
IPR	IPRWMTK0966-031	IPRWMTK0966-031
OPR	OPRWMTK0966-031	OPRWMTK0966-031
MS	878160-003MS	878160-003MS
MS	878070-002MS	878070-002MS
MSD	878160-003MSD	878160-003MSD
MSD	878070-002MSD	878070-002MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	878270-001	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-10	878270-002	MB

Test Name	Method Blank Result		Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Dissol	<	0.183		0	---	---		---	---	---		---			---	---	---	878070-002	1.55	20.0	22.6	105.4		20.0	21.9	101.7		3.3			75	125	24
Mercury - Low Level - Dissol	<	0.183		0	---	---		---	---	---		---			---	---	---	878160-003	0.70	2.0	2.9	110.4		2.0	3	116.1		3.9			75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 11/30/2006
QC Batch Number: 16104

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878270
Lab Section: WETCHEM
QC Batch Number: 16206
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2081-014MB	WCG2081-014MB
LCS	WCG2081-014MBLCS	WCG2081-014MBLCS
MS	878345-005MS	878345-005MS
MS	MW-601MS	878270-001MS
MSD	878345-005MSD	878345-005MSD
MSD	MW-601MSD	878270-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	878270-001	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-10	878270-002	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Chloride	<	0.82	20.0	18.6	93.2		---	---	---		---		90	110	20	878270-001	8.99	20.0	26	84.8	N	20.0	25.9	84.7	N	0.1		90	110	20
Sulfate	<	0.77	16.0	15.3	95.7		---	---	---		---		90	110	20	878270-001	15.0	16.0	29.6	91.1		16.0	29.6	91.1		0.0		90	110	20
Chloride	<	0.82	20.0	18.6	93.2		---	---	---		---		90	110	20	878345-005	5.54	20.0	21.5	79.8	N	20.0	21.7	80.7	N	0.7		90	110	20
Sulfate	<	0.77	16.0	15.3	95.7		---	---	---		---		90	110	20	878345-005	5.45	16.0	18.8	83.4	N	16.0	19.1	85.2	N	1.5		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 11/30/2006
QC Batch Number: 16206

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878270
Lab Section: WETCHEM
QC Batch Number: 16247
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-048MB	WCG2073-048MB
LCS	WCG2073-048MBLCS	WCG2073-048MBLCS
MS	878271-004MS	878271-004MS
MS	878214-008MS	878214-008MS
MSD	878271-004MSD	878271-004MSD
MSD	878214-008MSD	878214-008MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	878270-001	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-10	878270-002	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Cyanide, Total	< 0.0094	0.10	0.099	98.6		---	---	---		---		90	110	20	878214-008	< 0.0094	0.10	0.098	98.0		0.10	0.095	94.8		3.3		90	110	20
Cyanide, Total	< 0.0094	0.10	0.099	98.6		---	---	---		---		90	110	20	878271-004	< 0.0094	0.10	0.1	100.1		0.10	0.099	99.1		1.0		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16247

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878270
Lab Section: WETCHEM
QC Batch Number: 16330
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-054MB	WCG2073-054MB
LCS	WCG2073-054MBLCS	WCG2073-054MBLCS
MS	878519-008MS	878519-008MS
MS	878271-009MS	878271-009MS
MSD	878519-008MSD	878519-008MSD
MSD	878271-009MSD	878271-009MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	878270-001	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-10	878270-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.2	10.0	9.6	96.3		---	---	---		---			90	110	20	878271-009		0.616	10.0	10.9	103.2		10.0	10.5	98.6		4.3			90	110	20
Nitrogen, Ammonia	<	0.2	10.0	9.6	96.3		---	---	---		---			90	110	20	878519-008	<	0.2	10.0	10.5	105.4		10.0	10.4	103.8		1.6			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16330

Sample Condition Upon Receipt

Pace Analytical

Client Name: North Jackson Co Project # 898270

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☒ None ☐ Other _____

Thermometer Used ~~Lm~~ NA JB Type of Ice: ~~Wet~~ Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature ~~Lm~~ ~~ROL~~ 1° Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: Lm 11-9-06 VCB 11/9/06

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. Nitrate Nitrite 48hr
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed LM / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☐Yes ☒No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: ATT for TN **Date:** 11/30/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Batch No. 878160

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

November 29, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 878160 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Tod Noltemeyer
Project Manager

(Please Print Clearly)

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 015066

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Company Name:	North Jackson
Branch/Location:	Marquette MI
Project Contact:	~~Humboldt~~ Steve Dorman
Phone:	906 225 6787
Project Number:	
Project Name:	Humboldt
Project State:	MI
Sampled By (Print):	Andrew Marcinowski Jonathan Rahal Reid
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Steve Dorman
Mail To Company:	Fish VanDyke
Mail To Address:	
Invoice To Contact:	Same
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested							CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A	5	3	1	2	1	1	1		3-1LAGA, 1-500mL D, 2-250mL G, 1-250mL C, 3-40mL, 1-500mL C	
001	MW-602	11-6-06	1535	W												
002	MW-9	11-6-06	1220	W	N	B	5	3	1	2	1	1	1			
003	PW-1	11-6-06	1020	W	N	C	5	3	1	2	1	1	1			
004	MW-5	11-6-06	1505	W	Y	D	5	3	1	2	1	1	1			
005	PW-4	11-6-06	1420	W	Y	A	5	3	1	2	1	1	1			
006	FBK-002	11-6-06	1100	W	N	G	5	3	1	2	1	1	1			
007	DUP-002	11-6-06		W	N	J	5	3	1	2	1	1	1			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11-6-06 1730	FED EX	
FED EX	11/7/06 1005		11/7/06 1005

PACE Project No.: 878160

Receipt Temp.= 3.0 °C

Sample Receipt pH: OK / Adjusted

Cooler Custody Seal: Present / Not Present

Intact / Not Intact

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 878160

Client: FOTH & VAN DYKE
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
878160-001	MW-602	WATER	11/06/06 15:35
878160-002	MW-9	WATER	11/06/06 12:20
878160-003	PW-1	WATER	11/06/06 10:20
878160-004	MW-5	WATER	11/06/06 15:05
878160-005	PW-4	WATER	11/06/06 14:20
878160-006	FBK-002	WATER	11/06/06 11:00
878160-007	DUP-002	WATER	11/06/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alle Wn for Tod N. — Approval Signature

11/30/06 — Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-602

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	9.0	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	1.1		0.13	1.0	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	37		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	11000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	3.9		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.32	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	57		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	5500		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	5.9		0.070	0.24	1	ug/L		11/11/06	EPA 3020	EPA 6020
Magnesium - Dissolved	7300		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	5000		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	4.4	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	15		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	2300		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	600		17	500	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.32	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	6.2	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.183	U	0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	27		1.7	10	1	mg/L	*	11/09/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Chloride	2.3	B	0.82	5.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.54		0.096	0.50	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.20	U	0.20	0.50	1	mg/L		11/16/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfate	34		0.77	4.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/08/06	EPA 376.1	EPA 376.1
Total Alkalinity	27		1.7	10	1	mg/L	*	11/09/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-602

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Ani Method
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	95		64	132	1	%		11/13/06	SW846 5030B	SW846 8260B
Toluene-d8	97		73	127	1	%		11/13/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	99		68	122	1	%		11/13/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Ani Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Naphthalene	0.012	U	0.012	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-602

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-001

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	79		10	150	1	%		11/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	75		20	111	1	%		11/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	90		44	115	1	%		11/13/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	66		42	122	1	%		11/14/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	63		10	128	1	%		11/14/06	SW846 3510C	SW846 8082

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1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-9

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	7.0	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.40	B	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	29		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	48		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	38000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	1.5		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	5.1		0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	140		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	30000		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.16	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	1.4		0.070	0.24	1	ug/L		11/11/06	EPA 3020	EPA 6020
Magnesium - Dissolved	11000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	1500		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	4.8	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	2.7		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	4700		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	5200		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.76	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	7.8	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.533		0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	150		1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Chloride	3.2	B	0.82	5.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.22	B	0.096	0.50	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.33	B	0.20	0.50	1	mg/L		11/16/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfate	51		0.77	4.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/08/06	EPA 376.1	EPA 376.1
Total Alkalinity	150		1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B

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1241 Bellevue Street
Green Bay, WI 54302
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Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-9

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	92		64	132	1	%		11/13/06	SW846 5030B	SW846 8260B
Toluene-d8	95		73	127	1	%		11/13/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	98		68	122	1	%		11/13/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.056		0.0082	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Fluorene	0.045	J	0.0091	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Naphthalene	0.018	J	0.012	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM

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1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-9

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-002

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	54		10	150	1	%		11/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	45		20	111	1	%		11/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	106		44	115	1	%		11/13/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	93		42	122	1	%		11/14/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	54		10	128	1	%		11/14/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : PW-1

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	130		6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	3.1		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	54		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	24000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	2.2		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.12	B	0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.20	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	110		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	17000		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	0.056		0.014	0.047	1	ug/L		11/13/06	EPA 3020	EPA 6020
Magnesium - Dissolved	11000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	2100		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3700		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	4700		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	5.2		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5.3	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.701		0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	100		1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Chloride	3.4	B	0.82	5.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.89		0.20	0.50	1	mg/L		11/16/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfate	19		0.77	4.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/08/06	EPA 376.1	EPA 376.1
Total Alkalinity	100		1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : PW-1

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-003

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	93		64	132	1	%		11/13/06	SW846 5030B	SW846 8260B
Toluene-d8	96		73	127	1	%		11/13/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	103		68	122	1	%		11/13/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Naphthalene	0.017	J	0.012	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : PW-1

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-003

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	59		10	150	1	%		11/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	58		20	111	1	%		11/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	92		44	115	1	%		11/13/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1221	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1232	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1242	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1248	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1254	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1260	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Total PCBs	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	90		42	122	1	%		11/14/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	83		10	128	1	%		11/14/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-5

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	360		6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.26	B	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	160		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	230		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	46000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	10		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	5.5		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	2.3		0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	170		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	140000		93	500	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.27	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	0.33		0.070	0.24	1	ug/L	K	11/11/06	EPA 3020	EPA 6020
Magnesium - Dissolved	14000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	3600		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	17		0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	24		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	12000		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	1.2		0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	71000		170	5000	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	21		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	6.8	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	8.34		0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	480		1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Chloride	9.6		0.82	5.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.16	B	0.096	0.50	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	19		0.20	0.50	1	mg/L		11/16/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfate	1.4	B	0.77	4.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/08/06	EPA 376.1	EPA 376.1
Total Alkalinity	480		1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	9.0	U	9.0	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	2.0	U	2.0	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	4.2	U	4.2	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	7.5	U	7.5	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	5.7	U	5.7	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	3.6	U	3.6	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-5

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-004

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethene, Total	14	U	14	20	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	4.6	U	4.6	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Butanone	43	U	43	50	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Hexanone	11	U	11	50	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	12	U	12	50	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Acetone	23	U	23	50	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Benzene	10		4.1	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromodichloromethane	5.6	U	5.6	10	10	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Bromoform	9.4	U	9.4	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromomethane	9.1	U	9.1	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Disulfide	6.6	U	6.6	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	4.9	U	4.9	10	10	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Chlorobenzene	4.1	U	4.1	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	8.1	U	8.1	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroethane	9.7	U	9.7	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroform	3.7	U	3.7	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloromethane	2.4	U	2.4	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	1.9	U	1.9	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Ethylbenzene	90		5.4	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Methylene Chloride	4.3	U	4.3	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Styrene	8.6	U	8.6	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Tetrachloroethene	4.5	U	4.5	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Toluene	6.7	U	6.7	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	1.9	U	1.9	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Trichloroethene	4.8	U	4.8	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Vinyl Chloride	1.8	U	1.8	10	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Xylene, Total	1400		26	30	10	ug/L		11/13/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	92		64	132	10	%		11/13/06	SW846 5030B	SW846 8260B
Toluene-d8	94		73	127	10	%		11/13/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	103		68	122	10	%		11/13/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.052		0.0082	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.018	J	0.0081	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Anthracene	0.021	J	0.012	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Fluorene	0.13		0.0091	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Naphthalene	9.8		0.50	1.9	40	ug/L	*D	11/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-5

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-004

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Phenanthrene	0.11		0.011	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Pyrene	0.015	J	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	168		10	150	1	%	F	11/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	24		20	111	1	%		11/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	83		44	115	1	%		11/13/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/14/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	55		42	122	1	%		11/14/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	48		10	128	1	%		11/14/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : PW-4

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	230		6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	93		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	91		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	34000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	5.5		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	1.1		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.57	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	150		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	81000		93	500	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	0.40		0.070	0.24	1	ug/L	K	11/11/06	EPA 3020	EPA 6020
Magnesium - Dissolved	15000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	6100		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	8.9	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	3.4		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	5900		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	18000		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	11		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5.2	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	1.74		0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	230		1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Chloride	3.6	B	0.82	5.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/14/06	EPA 335.4	EPA 335.4
Fluoride	0.17	B	0.096	0.50	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	4.9		0.20	0.50	1	mg/L		11/16/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfate	3.7	B	0.77	4.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/08/06	EPA 376.1	EPA 376.1
Total Alkalinity	230		1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : PW-4

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-005

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Toluene	0.99	J	0.67	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	93		64	132	1	%		11/13/06	SW846 5030B	SW846 8260B
Toluene-d8	95		73	127	1	%		11/13/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	101		68	122	1	%		11/13/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Naphthalene	0.014	J	0.012	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : PW-4

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-005

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	48		10	150	1	%		11/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	47		20	111	1	%		11/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	96		44	115	1	%		11/13/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.25	U	0.25	1.0	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1221	0.25	U	0.25	1.0	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1232	0.25	U	0.25	1.0	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1242	0.25	U	0.25	1.0	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1248	0.25	U	0.25	1.0	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1254	0.25	U	0.25	1.0	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1260	0.25	U	0.25	1.0	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Total PCBs	0.25	U	0.25	1.0	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	88		42	122	1	%		11/15/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	66		10	128	1	%		11/15/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : FBK-002

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-006

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	6.3	U	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic	0.25	B	0.13	1.0	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Barium	0.12	U	0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron	170		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium	13	U	13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt	0.026	U	0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper	2.4		0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness	0.15	U	0.15	2.0	1	mg/L		11/21/06	SW846 3020A	SW846 6020
Iron	30	B	9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead	0.19	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium	0.029	B	0.014	0.047	1	ug/L		11/13/06	EPA 3020	EPA 6020
Magnesium	4.6	U	4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese	0.13	B	0.12	1.0	1	ug/L	A	11/22/06	SW846 3020A	SW846 6020
Mercury - Low Level	0.240		0.183	0.183	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium	5.7	U	5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium	1200		17	500	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium	0.28	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc	3.7	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	2.2	B	1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Chloride	2.6	B	0.82	5.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.20	U	0.20	0.50	1	mg/L		11/16/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfate	1.4	B	0.77	4.0	1	mg/L		11/08/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/08/06	EPA 376.1	EPA 376.1
Total Alkalinity	2.2	B	1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : FBK-002

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-006

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	92		64	132	1	%		11/13/06	SW846 5030B	SW846 8260B
Toluene-d8	92		73	127	1	%		11/13/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	97		68	122	1	%		11/13/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0089	U	0.0089	0.052	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0089	U	0.0089	0.052	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Anthracene	0.013	U	0.013	0.052	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.017	U	0.017	0.052	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.020	U	0.020	0.052	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.017	U	0.017	0.052	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.021	U	0.021	0.052	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.021	U	0.021	0.052	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Chrysene	0.021	U	0.021	0.052	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.021	U	0.021	0.052	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Fluoranthene	0.017	U	0.017	0.052	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Fluorene	0.0099	U	0.0099	0.052	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.021	U	0.021	0.052	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : FBK-002

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-006

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.016	J	0.014	0.052	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Phenanthrene	0.020	J	0.012	0.052	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Pyrene	0.016	U	0.016	0.052	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	68		10	150	1	%		11/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	66		20	111	1	%		11/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	90		44	115	1	%		11/13/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	79		42	122	1	%		11/15/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	63		10	128	1	%		11/15/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : DUP-002

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-007

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	130		6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	3.2		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	55		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	24000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	2.3		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.10	B	0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.17	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	110		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	18000		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	0.089	B	0.070	0.24	1	ug/L	K	11/11/06	EPA 3020	EPA 6020
Magnesium - Dissolved	11000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	2100		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3700		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	4700		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	5.3		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5.0	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.671		0.183	0.500	1	ng/L		11/14/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	100		1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B
Chloride	3.5	B	0.82	5.0	1	mg/L	N	11/07/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.096	U	0.096	0.50	1	mg/L		11/07/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.95		0.20	0.50	1	mg/L		11/16/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L	N	11/07/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/07/06	EPA 300.0	EPA 300.0
Sulfate	19		0.77	4.0	1	mg/L		11/07/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/08/06	EPA 376.1	EPA 376.1
Total Alkalinity	100		1.7	10	1	mg/L		11/09/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : DUP-002

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-007

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L	&	11/13/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/13/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	93		64	132	1	%		11/13/06	SW846 5030B	SW846 8260B
Toluene-d8	94		73	127	1	%		11/13/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	95		68	122	1	%		11/13/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	*Z	11/13/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM
Naphthalene	0.014	J	0.012	0.047	1	ug/L	*	11/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878160

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : DUP-002

Matrix Type : WATER
Collection Date : 11/06/06
Report Date : 11/28/06
Lab Sample Number : 878160-007

PAH/PNA

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/13/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	54		10	150	1	%		11/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	51		20	111	1	%		11/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	96		44	115	1	%		11/13/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/13/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/15/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	83		42	122	1	%		11/15/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	78		10	128	1	%		11/15/06	SW846 3510C	SW846 8082

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Lab Number	TestGroupID	Field ID	Comment
878160	PCB-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
878160-	M-AG-D	All Samples	A - Analyte is detected in the method blank at a concentration of -0.21 ug/L.
878160-	M-AS-D	All Samples	A - Analyte is detected in the method blank at a concentration of 0.13 ug/L.
878160-	M-B-D	All Samples	A - Analyte is detected in the method blank at a concentration of 1.8 ug/L.
878160-	M-NA-D	All Samples	A - Analyte is detected in the method blank at a concentration of 72 ug/L.
878160-	M-ZN-D	All Samples	A - Analyte is detected in the method blank at a concentration of 3.6 ug/L.
878160-006	M-AG-W	FBK-002	A - Analyte is detected in the method blank at a concentration of -0.21 ug/L.
878160-006	M-AS-W	FBK-002	A - Analyte is detected in the method blank at a concentration of 0.13 ug/L.
878160-006	M-MN-W	FBK-002	A - Analyte is detected in the method blank at a concentration of 0.15 ug/L.
878160-006	M-NA-W	FBK-002	A - Analyte is detected in the method blank at a concentration of 72 ug/L.
878160-006	M-ZN-W	FBK-002	A - Analyte is detected in the method blank at a concentration of 3.6 ug/L.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

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Analysis Summary by Laboratory

1241 Bellevue Street
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Test Group Name	878160-001	878160-002	878160-003	878160-004	878160-005	878160-006	878160-007
ALKALINITY, BICARB/CARB/TOTAL	B	B	B	B	B	B	B
ALUMINUM						B	
ALUMINUM - DISSOLVED	B	B	B	B	B		B
ANTIMONY						B	
ANTIMONY - DISSOLVED	B	B	B	B	B		B
ARSENIC						B	
ARSENIC - DISSOLVED	B	B	B	B	B		B
BARIUM						B	
BARIUM - DISSOLVED	B	B	B	B	B		B
BERYLLIUM						B	
BERYLLIUM - DISSOLVED	B	B	B	B	B		B
BORON						B	
CADMIUM						B	
CADMIUM - DISSOLVED	B	B	B	B	B		B
CALCIUM						B	
CALCIUM - DISSOLVED	B	B	B	B	B		B
CHLORIDE	B	B	B	B	B	B	B
CHROMIUM						B	
CHROMIUM - DISSOLVED	B	B	B	B	B		B
COBALT						B	
COBALT - DISSOLVED	B	B	B	B	B		B
COPPER						B	
COPPER - DISSOLVED	B	B	B	B	B		B
CYANIDE, TOTAL	B	B	B	B	B	B	B
FLUORIDE	B	B	B	B	B	B	B
HARDNESS						B	
HARDNESS - DISSOLVED	B	B	B	B	B		B
IRON						B	
IRON - DISSOLVED	B	B	B	B	B		B
LEAD						B	
LEAD - DISSOLVED	B	B	B	B	B		B
LITHIUM						M	
LITHIUM - DISSOLVED	M	M	M	M	M		M
MAGNESIUM						B	
MAGNESIUM - DISSOLVED	B	B	B	B	B		B
MANGANESE						B	
MANGANESE - DISSOLVED	B	B	B	B	B		B
MERCURY - LOW LEVEL						K	
MERCURY - LOW LEVEL - DISSOLVE	K	K	K	K	K		K
MOLYBDENUM						B	
MOLYBDENUM - DISSOLVED	B	B	B	B	B		B

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Analysis Summary by Laboratory

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Test Group Name	878160-001	878160-002	878160-003	878160-004	878160-005	878160-006	878160-007
NICKEL						B	
NICKEL - DISSOLVED	B	B	B	B	B		B
NITROGEN, AMMONIA	B	B	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B	B	B
NITROGEN, NITRITE	B	B	B	B	B	B	B
PAH/PNA	B	B	B	B	B	B	B
PCB	K	K	K	K	K	K	K
POTASSIUM						B	
POTASSIUM - DISSOLVED	B	B	B	B	B		B
SELENIUM						B	
SELENIUM - DISSOLVED	B	B	B	B	B		B
SILVER						B	
SILVER - DISSOLVED	B	B	B	B	B		B
SODIUM						B	
SODIUM - DISSOLVED	B	B	B	B	B		B
SULFATE	B	B	B	B	B	B	B
SULFIDE	B	B	B	B	B	B	B
THALLIUM						B	
THALLIUM - DISSOLVED	B	B	B	B	B		B
VANADIUM						B	
VANADIUM - DISSOLVED	B	B	B	B	B		B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G
ZINC						B	
ZINC - DISSOLVED	B	B	B	B	B		B

Code	Facility	Address	MI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	Not Certified
K	Kimberly Laboratory	1090 Kennedy Ave. Kimberly, WI 54136	Not Certified
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	Not Certified

QC Reports for Batch

Batch	QC Report	QC Level	State
878160	QCLevel2-DupNo(MS)MS	QC-2	MI
878160	QCLevel2-LLHg	QC-2	MI
878160	QCLevel2-Standard	QC-2	MI

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QC Summary

Batch: 878160
Lab Section: WETCHEM
QC Batch Number: 15914
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2028-077MB	WCG2028-077MB
LCS	WCG2028-077MBLCS	WCG2028-077MBLCS
MS	DUP-002MS	878160-007MS
MSD	DUP-002MSD	878160-007MSD

Client Sample ID	Lab Sample ID	MB ID
MW-602	878160-001	MB
PW-1	878160-003	MB
PW-4	878160-005	MB
DUP-002	878160-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	878160-002	MB
MW-5	878160-004	MB
FBK-002	878160-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	0.82	20.0	19.2	95.8		---	---	---		---			90	110	20	878160-007		3.46	20.0	22.5	95.2		20.0	21	87.6	N	7.0			90	110	20
Fluoride	<	0.096	2.0	1.9	95.0		---	---	---		---			90	110	20	878160-007	<	0.096	2.0	2	102.5		2.0	1.9	95.5		7.1			90	110	20
Nitrogen, Nitrate	<	0.088	1.6	1.8	109.4		---	---	---		---			90	110	20	878160-007	<	0.088	1.6	1.9	116.2	N	1.6	1.8	110.6	N	5.0			90	110	20
Nitrogen, Nitrite	<	0.04	0.80	0.8	100.0		---	---	---		---			90	110	20	878160-007	<	0.04	0.80	0.92	115.0	N	0.80	0.87	108.8		5.6			90	110	20
Sulfate	<	0.77	16.0	15.7	98.0		---	---	---		---			90	110	20	878160-007		18.7	16.0	36.3	109.9		16.0	34.9	101.5		3.8			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 15914

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QC Summary

Batch: 878160
Lab Section: WETCHEM
QC Batch Number: 15940
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-056MB	WCG1919-056MB
LCS	WCG1919-056MBLCS	WCG1919-056MBLCS
LCSD	WCG1919-056MBLCSD	WCG1919-056MBLCSD

Client Sample ID	Lab Sample ID	MB ID
MW-602	878160-001	MB
PW-1	878160-003	MB
PW-4	878160-005	MB
DUP-002	878160-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	878160-002	MB
MW-5	878160-004	MB
FBK-002	878160-006	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Sulfide	< 2.5	46.8	42.4	90.6		46.8	44	94.0		3.7		80	120	20	—		—	—	—		—	—	—		—		—	—	—

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 15940

Pace Analytical Services, Inc.

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QC Summary

Batch: 878160
Lab Section: WETCHEM
QC Batch Number: 16007
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-057MB	WCG1919-057MB
LCS	WCG1919-057MBLCS	WCG1919-057MBLCS
MS	MW-602MS	878160-001MS
MSD	MW-602MSD	878160-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-602	878160-001	MB
PW-1	878160-003	MB
PW-4	878160-005	MB
DUP-002	878160-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	878160-002	MB
MW-5	878160-004	MB
FBK-002	878160-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	J	2.2	12.60	13.3	105.2		---	---	---		---			80	120	20	878160-001		26.52	100.0	145.9	119.3		100.0	108.3	81.8		29.6	*		80	120	20
Carbonate Alkalinity	<	1.7	---	---	---		---	---	---		---			---	---	---	878160-001	<	1.7	---	---	---		---	---	---		---			---	---	---
Total Alkalinity	J	2.2	12.60	13.3	105.2		---	---	---		---			80	120	20	878160-001		26.52	100.0	145.9	119.3		100.0	108.3	81.8		29.6	*		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16007

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QC Summary

Batch: 878160
Lab Section: VOA
QC Batch Number: 16025
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2046-94MB	vog2046-94MB
LCS	vog2046-94LCS	vog2046-94LCS
LCSD	vog2046-94LCSD	vog2046-94LCSD
MS	FBK-002MS	878160-006MS
MSD	FBK-002MSD	878160-006MSD

Client Sample ID	Lab Sample ID	MB ID
MW-602	878160-001	MB
PW-1	878160-003	MB
PW-4	878160-005	MB
DUP-002	878160-007	MB
MW-9	878160-002	MB
MW-5	878160-004	MB
FBK-002	878160-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL	UCL	RPD	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL	UCL	RPD
1,1,1-Trichloroethane	<	0.9	50.0	58.2	116		50.0	57.6	115		1.0			75	128	20	878160-006	<	0.9	50.0	60.2	120		50.0	55.7	111		7.8			70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	44.3	89		50.0	43.1	86		2.9			67	125	20	878160-006	<	0.2	50.0	43.9	88		50.0	42.8	86		2.5			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	49	98		50.0	48.3	97		1.3			75	125	20	878160-006	<	0.42	50.0	49.6	99		50.0	47.9	96		3.4			70	130	30
1,1-Dichloroethane	<	0.75	50.0	52.9	106		50.0	51.7	103		2.3			71	130	20	878160-006	<	0.75	50.0	52.9	106		50.0	51.2	102		3.2			70	130	30
1,1-Dichloroethene	<	0.57	50.0	54.2	108		50.0	53.6	107		1.1			75	125	20	878160-006	<	0.57	50.0	52.3	105		50.0	51.4	103		1.7			70	135	30
1,2-Dichloroethane	<	0.36	50.0	58.6	117		50.0	58.7	117		0.2			71	132	20	878160-006	<	0.36	50.0	59	118		50.0	56.9	114		3.6			70	130	30
1,2-Dichloroethene, Total	<	1.4	100.0	103.5	103		100.0	103.3	103		0.2			75	125	20	878160-006	<	1.4	100.0	106.2	106		100.0	99.3	99		6.8			70	130	30
1,2-Dichloropropane	<	0.46	50.0	50	100		50.0	50.4	101		0.9			73	125	20	878160-006	<	0.46	50.0	50	100		50.0	51.3	103		2.5			70	130	30
2-Butanone	<	4.3	50.0	42.1	84		50.0	44.5	89		5.5			59	130	20	878160-006	<	4.3	50.0	46	92		50.0	45.6	91		1.0			51	130	30
2-Hexanone	<	1.1	50.0	47.3	95		50.0	49.1	98		3.6			51	125	20	878160-006	<	1.1	50.0	47.9	96		50.0	48.4	97		1.0			53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	52.6	105		50.0	54.2	108		3.0			59	125	20	878160-006	<	1.2	50.0	50.9	102		50.0	51.4	103		1.1			62	130	30
Acetone	<	2.3	50.0	43.1	86		50.0	44.1	88		2.2			31	150	20	878160-006	<	2.3	50.0	45.5	91		50.0	45.4	91		0.2			42	132	30
Benzene	<	0.41	50.0	49.1	98		50.0	49	98		0.2			75	125	20	878160-006	<	0.41	50.0	50.2	100		50.0	46.7	93		7.1			70	130	30
Bromodichloromethane	<	0.56	50.0	61.3	123		50.0	62.8	126	&	2.4			75	125	20	878160-006	<	0.56	50.0	62.6	125		50.0	59.9	120		4.5			70	130	30
Bromoform	<	0.94	50.0	51.8	104		50.0	53.4	107		3.0			75	125	20	878160-006	<	0.94	50.0	50.1	100		50.0	50.9	102		1.6			70	130	30
Bromomethane	<	0.91	50.0	42.9	86		50.0	45.3	91		5.6			66	125	20	878160-006	<	0.91	50.0	47.9	96		50.0	47.5	95		0.9			63	147	30
Carbon Disulfide	<	0.66	50.0	53.7	107		50.0	52.8	106		1.6			71	128	20	878160-006	<	0.66	50.0	52.4	105		50.0	50.6	101		3.5			56	142	30
Carbon Tetrachloride	<	0.49	50.0	61.3	123		50.0	63.7	127	&	3.9			75	125	20	878160-006	<	0.49	50.0	64.7	129		50.0	61.8	124		4.6			70	131	30
Chlorobenzene	<	0.41	50.0	50.9	102		50.0	51.5	103		1.0			75	125	20	878160-006	<	0.41	50.0	52.2	104		50.0	51.7	103		1.0			70	130	30
Chlorodibromomethane	<	0.81	50.0	59.8	120		50.0	60.4	121		0.9			75	125	20	878160-006	<	0.81	50.0	60.2	120		50.0	60.2	120		0.1			70	130	30
Chloroethane	<	0.97	50.0	51.2	102		50.0	50.3	101		1.8			72	126	20	878160-006	<	0.97	50.0	50.8	102		50.0	48.6	97		4.3			67	138	30

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Report Date: 11/30/2006
QC Batch Number: 16025

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD		LCS/LCSD Control Limits			Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD		MS/MSD Control Limits		
		Conc		Conc	%	C		Conc	%	C	%	C	LCL %	UCL %	RPD %					Conc	%	C		Conc	%	C	%	C	LCL %	UCL %	RPD %
Chloroform	<	0.37	50.0	55.1	110		50.0	54.2	108		1.5		75	125	20	878160-006	<	0.37	50.0	55.5	111		50.0	53.5	107		3.8		70	130	30
Chloromethane	<	0.24	50.0	48	96		50.0	47.1	94		2.0		46	143	20	878160-006	<	0.24	50.0	49.5	99		50.0	46.2	92		7.0		43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	52	104		50.0	54	108		3.8		75	125	20	878160-006	<	0.19	50.0	53	106		50.0	52.9	106		0.1		70	130	30
Ethylbenzene	<	0.54	50.0	54.9	110		50.0	54.4	109		0.9		75	125	20	878160-006	<	0.54	50.0	55.4	111		50.0	55.2	110		0.3		70	136	30
Methylene Chloride	<	0.43	50.0	50.3	101		50.0	50.1	100		0.4		75	125	20	878160-006	<	0.43	50.0	51.9	104		50.0	49.6	99		4.5		70	130	30
Styrene	<	0.86	50.0	54.8	110		50.0	54.9	110		0.2		75	125	20	878160-006	<	0.86	50.0	54.1	108		50.0	54.7	109		1.0		70	130	30
Tetrachloroethene	<	0.45	50.0	53.6	107		50.0	51.3	103		4.3		75	130	20	878160-006	<	0.45	50.0	50.9	102		50.0	51.6	103		1.3		70	130	30
Toluene	<	0.67	50.0	50.3	101		50.0	50	100		0.5		75	125	20	878160-006	<	0.67	50.0	49.6	99		50.0	49.4	99		0.4		70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	57.4	115		50.0	56.5	113		1.6		75	125	20	878160-006	<	0.19	50.0	56.6	113		50.0	57.6	115		1.8		70	130	30
Trichloroethene	<	0.48	50.0	55.7	111		50.0	56	112		0.6		75	125	20	878160-006	<	0.48	50.0	54.9	110		50.0	56.7	113		3.2		70	130	30
Vinyl Chloride	<	0.18	50.0	53.2	106		50.0	52.5	105		1.3		65	130	20	878160-006	<	0.18	50.0	53.7	107		50.0	51.5	103		4.2		62	138	30
Xylene, Total	<	2.6	150.0	161.7	108		150.0	162.4	108		0.4		75	125	20	878160-006	<	2.6	150.0	160	107		150.0	160.9	107		0.6		70	130	30
4-Bromofluorobenzene		95%	---	---	96		---	---	96		---		64	132	---	878160-006		92%	---	---	97		---	---	95		---		64	132	---
Toluene-d8		96%	---	---	95		---	---	97		---		73	127	---	878160-006		92%	---	---	95		---	---	96		---		73	127	---
Dibromofluoromethane		100%	---	---	95		---	---	100		---		68	122	---	878160-006		97%	---	---	99		---	---	96		---		68	122	---

Conc = ug/L unless otherwise noted

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Report Date: 11/30/2006

QC Batch Number: 16025

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878160
Lab Section: PCB-K
QC Batch Number: 16036
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-014PCB-WMB	SVG2057-014PCB-WMB
LCS	SVG2057-014PCB-WLCS	SVG2057-014PCB-WLCS
LCSD	SVG2057-014PCB-WLCS	SVG2057-014PCB-WLCS

Client Sample ID	Lab Sample ID	MB ID
MW-602	878160-001	MB
PW-1	878160-003	MB
PW-4	878160-005	MB
DUP-002	878160-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	878160-002	MB
MW-5	878160-004	MB
FBK-002	878160-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.24	0	---	---		---	---	---		---			---	---	---	---		---	---	---			---	---	---		---			---	---	---
Aroclor 1221	<	0.24	0	---	---		---	---	---		---			---	---	---	---		---	---	---			---	---	---		---			---	---	---
Aroclor 1232	<	0.24	0	---	---		---	---	---		---			---	---	---	---		---	---	---			---	---	---		---			---	---	---
Aroclor 1242	<	0.24	20.0	20.6	103		20.0	21.2	106		3.0			47	138	20	---		---	---	---			---	---	---		---			---	---	---
Aroclor 1248	<	0.24	0	---	---		---	---	---		---			---	---	---	---		---	---	---			---	---	---		---			---	---	---
Aroclor 1254	<	0.24	0	---	---		---	---	---		---			---	---	---	---		---	---	---			---	---	---		---			---	---	---
Aroclor 1260	<	0.24	0	---	---		---	---	---		---			---	---	---	---		---	---	---			---	---	---		---			---	---	---
Total PCBs	<	0.24	---	---	---		---	---	---		---			---	---	---	---		---	---	---			---	---	---		---			---	---	---
Tetrachloro-m-xylene		85%	---	---	81		---	---	81		---			42	122	---	---		---	---	---			---	---	---		---			---	---	---
Decachlorobiphenyl		38%	---	---	44		---	---	35		---			10	128	---	---		---	---	---			---	---	---		---			---	---	---

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Report Date: 11/30/2006
QC Batch Number: 16036

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878160
Lab Section: METALS
QC Batch Number: 16068
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG1978-81	MBWMTG1978-81
MB	MBDMTG1978-81	MBDMTG1978-81
LCS	LCSWMTG1978-81	LCSWMTG1978-81
LCS	LCSDMTG1978-81	LCSDMTG1978-81
MS	MW-602MS	878160-001MS
MSD	MW-602MSD	878160-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-602	878160-001	MB
PW-1	878160-003	MB
PW-4	878160-005	MB
DUP-002	878160-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	878160-002	MB
MW-5	878160-004	MB
FBK-002	878160-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	<	6.3	10000.0	10520	105.2		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Antimony	<	0.24	200.0	221.5	110.8		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Arsenic	J	0.13	200.0	211.1	105.6		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Barium	<	0.12	200.0	208.7	104.3		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Beryllium	<	0.1	200.0	209.8	104.9		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Boron	J	1.8	200.0	203.2	101.6		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Cadmium	<	0.14	200.0	212	106.0		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Calcium	J	29	10000.0	10520	105.2		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Chromium	<	0.32	200.0	216.6	108.3		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Cobalt	<	0.026	200.0	211.8	105.9		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Copper	<	0.15	200.0	211.7	105.8		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Iron	<	9.3	10000.0	10720	107.2		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Lead	<	0.049	200.0	209.7	104.8		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Magnesium	J	6.6	10000.0	10480	104.8		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Manganese	J	0.15	200.0	216.4	108.2		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Molybdenum	<	0.61	200.0	208.7	104.3		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Nickel	<	0.32	200.0	210.3	105.2		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Potassium	<	5.7	10000.0	10500	105.0		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Selenium	<	0.67	200.0	207.2	103.6		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Silver	<	0.034	100.0	100.7	100.7		---	---	---		---		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---

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Report Date: 11/30/2006
QC Batch Number: 16068

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/ LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/ MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sodium	J	72	10000.0	10420	104.2		---	---	---		---			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Thallium	<	0.053	200.0	202.6	101.3		---	---	---		---			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Vanadium	<	0.1	200.0	212.5	106.2		---	---	---		---			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Zinc	J	3.6	200.0	206.2	103.1		---	---	---		---			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Aluminum - Dissolved	<	6.3	10000.0	10520	105.2		---	---	---		---			75	125	20	878160-001		8.95000E0	10000.0	10400	103.9		10000.0	10410	104.0		0.1			75	125	20
Antimony - Dissolved	<	0.24	200.0	221.5	110.8		---	---	---		---			75	125	20	878160-001	<	0.24	200.0	222.6	111.2		200.0	230.1	115.1		3.4			75	125	20
Arsenic - Dissolved	J	0.13	200.0	211.1	105.6		---	---	---		---			75	125	20	878160-001		1.070	200.0	214.6	106.8		200.0	216.1	107.5		0.7			75	125	20
Barium - Dissolved	<	0.12	200.0	208.7	104.3		---	---	---		---			75	125	20	878160-001		36.61	200.0	249.2	106.3		200.0	250.8	107.1		0.6			75	125	20
Beryllium - Dissolved	<	0.1	200.0	209.8	104.9		---	---	---		---			75	125	20	878160-001	<	0.1	200.0	194.4	97.2		200.0	194.8	97.4		0.2			75	125	20
Boron - Dissolved	J	1.8	200.0	203.2	101.6		---	---	---		---			75	125	20	878160-001		32.93	200.0	229.7	98.4		200.0	235.6	101.3		2.5			75	125	20
Cadmium - Dissolved	<	0.14	200.0	212	106.0		---	---	---		---			75	125	20	878160-001	<	0.14	200.0	210.9	105.4		200.0	210.1	105.1		0.4			75	125	20
Calcium - Dissolved	J	29	10000.0	10520	105.2		---	---	---		---			75	125	20	878160-001		10710.0	10000.0	20790	100.8		10000.0	20980	102.7		0.9			75	125	20
Chromium - Dissolved	<	0.32	200.0	216.6	108.3		---	---	---		---			75	125	20	878160-001	<	0.32	200.0	212.5	106.2		200.0	213.6	106.8		0.5			75	125	20
Cobalt - Dissolved	<	0.026	200.0	211.8	105.9		---	---	---		---			75	125	20	878160-001		3.660	200.0	215.1	105.6		200.0	217.8	107.0		1.2			75	125	20
Copper - Dissolved	<	0.15	200.0	211.7	105.8		---	---	---		---			75	125	20	878160-001		0.3200	200.0	208	103.8		200.0	211.3	105.5		1.6			75	125	20
Iron - Dissolved	<	9.3	10000.0	10720	107.2		---	---	---		---			75	125	20	878160-001		5528.00	10000.0	15200	96.7		10000.0	16190	106.6		6.3			75	125	20
Lead - Dissolved	<	0.049	200.0	209.7	104.8		---	---	---		---			75	125	20	878160-001	<	0.049	200.0	210.2	105.1		200.0	214.6	107.3		2.1			75	125	20
Magnesium - Dissolved	J	6.6	10000.0	10480	104.8		---	---	---		---			75	125	20	878160-001		7259.00	10000.0	17570	103.1		10000.0	17540	102.8		0.2			75	125	20
Manganese - Dissolved	J	0.15	200.00	216.4	108.2		---	---	---		---			75	125	20	878160-001		5027.0	200.00	5228	100.5	+	200.00	5239	106.0	+	0.2			75	125	20
Molybdenum - Dissolved	<	0.61	200.0	208.7	104.3		---	---	---		---			75	125	20	878160-001		4.390	200.0	220.2	107.9		200.0	226.6	111.1		2.9			75	125	20
Nickel - Dissolved	<	0.32	200.0	210.3	105.2		---	---	---		---			75	125	20	878160-001		15.04	200.0	221.7	103.3		200.0	225.5	105.2		1.7			75	125	20
Potassium - Dissolved	<	5.7	10000.0	10500	105.0		---	---	---		---			75	125	20	878160-001		2262.00	10000.0	12510	102.5		10000.0	12920	106.6		3.2			75	125	20
Selenium - Dissolved	<	0.67	200.0	207.2	103.6		---	---	---		---			75	125	20	878160-001	<	0.67	200.0	208.5	104.2		200.0	208.8	104.4		0.1			75	125	20
Silver - Dissolved	<	0.034	100.0	100.7	100.7		---	---	---		---			75	125	20	878160-001	<	0.034	100.0	101	101.0		100.0	104.4	104.4		3.3			75	125	20
Sodium - Dissolved	J	72	10000.0	10420	104.2		---	---	---		---			75	125	20	878160-001		603.600	10000.0	10680	102.8		10000.0	11110	105.1		2.1			75	125	20
Thallium - Dissolved	<	0.053	200.0	202.6	101.3		---	---	---		---			75	125	20	878160-001	<	0.053	200.0	203.2	101.6		200.0	206.8	103.4		1.8			75	125	20
Vanadium - Dissolved	<	0.1	200.0	212.5	106.2		---	---	---		---			75	125	20	878160-001		0.3200	200.0	209.5	104.6		200.0	209.9	104.8		0.2			75	125	20
Zinc - Dissolved	J	3.6	200.0	206.2	103.1		---	---	---		---			75	125	20	878160-001		6.230	200.0	204.1	98.9		200.0	206.9	100.3		1.4			75	125	20

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Report Date: 11/30/2006
QC Batch Number: 16068

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878160
Lab Section: BNASIM
QC Batch Number: 16069
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-71MB	svog1945-71MB
LCS	svog1945-71LCS	svog1945-71LCS
LCSD	svog1945-71LCSD	svog1945-71LCSD

Client Sample ID	Lab Sample ID	MB ID
MW-602	878160-001	MB
PW-1	878160-003	MB
PW-4	878160-005	MB
DUP-002	878160-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	878160-002	MB
MW-5	878160-004	MB
FBK-002	878160-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.18	89		0.20	0.16	79		11.6			40	126	23	---	---	---	---	---		---	---	---		---			---	---	---
Acenaphthylene	<	0.0086	0.20	0.18	88		0.20	0.16	78		12.3			39	127	24	---	---	---	---	---		---	---	---		---			---	---	---
Anthracene	<	0.012	0.20	0.21	103		0.20	0.19	95		7.9			39	139	27	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(a)anthracene	<	0.017	0.20	0.21	107		0.20	0.17	87		21.0	*		48	146	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(a)pyrene	<	0.019	0.20	0.23	114		0.20	0.18	91		22.5	*		61	136	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.24	120		0.20	0.19	95		23.3	*		51	141	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(ghi)perylene	<	0.02	0.20	0.23	114		0.20	0.18	91		22.3	*		57	136	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.23	117		0.20	0.19	95		21.1	*		61	149	20	---	---	---	---	---		---	---	---		---			---	---	---
Chrysene	<	0.02	0.20	0.24	118		0.20	0.2	98		18.5			61	150	20	---	---	---	---	---		---	---	---		---			---	---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.22	109		0.20	0.17	87		22.6	*		46	150	20	---	---	---	---	---		---	---	---		---			---	---	---
Fluoranthene	<	0.016	0.20	0.22	109		0.20	0.19	97		11.9			48	145	20	---	---	---	---	---		---	---	---		---			---	---	---
Fluorene	<	0.0096	0.20	0.18	90		0.20	0.16	81		11.4			40	131	25	---	---	---	---	---		---	---	---		---			---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.22	111		0.20	0.18	89		22.1	*		54	143	20	---	---	---	---	---		---	---	---		---			---	---	---
Naphthalene	<	0.013	0.20	0.17	86		0.20	0.25	124		36.3	*		45	131	30	---	---	---	---	---		---	---	---		---			---	---	---
Phenanthrene	<	0.012	0.20	0.2	99		0.20	0.18	89		10.5			40	131	25	---	---	---	---	---		---	---	---		---			---	---	---
Pyrene	<	0.015	0.20	0.2	101		0.20	0.17	87		15.4			55	135	20	---	---	---	---	---		---	---	---		---			---	---	---
Nitrobenzene-d5		214%	---	---	69		---	---	61		---			10	150	---	---	---	---	---	---		---	---	---		---			---	---	---
2-Fluorobiphenyl		209%	---	---	72		---	---	62		---			20	111	---	---	---	---	---	---		---	---	---		---			---	---	---
Terphenyl-d14		268%	---	---	85		---	---	74		---			44	115	---	---	---	---	---	---		---	---	---		---			---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16069

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878160
Lab Section: METALS-K
QC Batch Number: 16088
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-030	MBMTK0966-030
IPR	IPRWMTK0966-030	IPRWMTK0966-030
OPR	OPRWMTK0966-030	OPRWMTK0966-030
MS	878279-002MS	878279-002MS
MS	878277-002MS	878277-002MS
MSD	878279-002MSD	878279-002MSD
MSD	878277-002MSD	878277-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK-002	878160-006	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level	< 0.183	0	---	---		---	---	---		---			---	---	---	878277-002	1166.5	1000.0	2334.9	116.8		1000.0	2316.9	115.0		0.8			75	125	24
Mercury - Low Level	< 0.183	0	---	---		---	---	---		---			---	---	---	878279-002	66.34	100.0	175.5	109.2		100.0	171.6	105.3		2.3			75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16088

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878160
Lab Section: WETCHEM
QC Batch Number: 16094
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-031MB	WCG2073-031MB
LCS	WCG2073-031MBLCS	WCG2073-031MBLCS
MS	PW-4MS	878160-005MS
MS	878114-001MS	878114-001MS
MSD	PW-4MSD	878160-005MSD
MSD	878114-001MSD	878114-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-602	878160-001	MB
PW-1	878160-003	MB
PW-4	878160-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	878160-002	MB
MW-5	878160-004	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	< 0.0094	0.10	0.1	99.5		---	---	---		---		90	110	20	878114-001	< 0.0094	0.10	0.11	112.4	N	0.10	0.099	99.3		12.3		90	110	20
Cyanide, Total	< 0.0094	0.10	0.1	99.5		---	---	---		---		90	110	20	878160-005	< 0.0094	0.10	0.11	109.0		0.10	0.11	107.6		1.4		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16094

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878160
Lab Section: METALS-K
QC Batch Number: 16104
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-031	MBMTK0966-031
IPR	IPRWMTK0966-031	IPRWMTK0966-031
OPR	OPRWMTK0966-031	OPRWMTK0966-031
MS	PW-1MS	878160-003MS
MS	878070-002MS	878070-002MS
MSD	PW-1MSD	878160-003MSD
MSD	878070-002MSD	878070-002MSD

Client Sample ID	Lab Sample ID	MB ID
MW-602	878160-001	MB
PW-1	878160-003	MB
PW-4	878160-005	MB
MW-9	878160-002	MB
MW-5	878160-004	MB
DUP-002	878160-007	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Dissol	<	0.183	0	---	---		---	---	---		---		---	---	---	878070-002		1.55	20.0	22.6	105.4		20.0	21.9	101.7		3.3		75	125	24
Mercury - Low Level - Dissol	<	0.183	0	---	---		---	---	---		---		---	---	---	878160-003		0.70	2.0	2.9	110.4		2.0	3	116.1		3.9		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16104

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878160
Lab Section: WETCHEM
QC Batch Number: 16146
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-037MB	WCG2073-037MB
LCS	WCG2073-037MBLCS	WCG2073-037MBLCS
MS	878192-008MS	878192-008MS
MS	878164-001MS	878164-001MS
MSD	878192-008MSD	878192-008MSD
MSD	878164-001MSD	878164-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-602	878160-001	MB
PW-1	878160-003	MB
PW-4	878160-005	MB
DUP-002	878160-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-9	878160-002	MB
MW-5	878160-004	MB
FBK-002	878160-006	MB

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Nitrogen, Ammonia	<	0.2	10.0	9.3	93.0		---	---	---		---		90	110	20	878164-001		2.48	10.0	13.4	108.8		10.0	12.7	102.7		4.7		90	110	20
Nitrogen, Ammonia	<	0.2	10.0	9.3	93.0		---	---	---		---		90	110	20	878192-008		0.200	10.0	11.4	112.5	N	10.0	11.5	113.2	N	0.7		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16146

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878160
Lab Section: WETCHEM
QC Batch Number: 16247
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-048MB	WCG2073-048MB
LCS	WCG2073-048MBLCS	WCG2073-048MBLCS
MS	878271-004MS	878271-004MS
MS	878214-008MS	878214-008MS
MSD	878271-004MSD	878271-004MSD
MSD	878214-008MSD	878214-008MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-002	878160-006	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-002	878160-007	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Cyanide, Total	< 0.0094	0.10	0.099	98.6		---	---	---		---		90	110	20	878214-008	< 0.0094	0.10	0.098	98.0		0.10	0.095	94.8		3.3		90	110	20
Cyanide, Total	< 0.0094	0.10	0.099	98.6		---	---	---		---		90	110	20	878271-004	< 0.0094	0.10	0.1	100.1		0.10	0.099	99.1		1.0		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 11/30/2006
QC Batch Number: 16247

Sample Condition Upon Receipt

Pace Analytical

Client Name: NORTH JACKSON Project # 8781160

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Optional: Proj. Due Date: Proj. Name:

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used JB Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 3.0 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: AB 11/7/06 11/7/06

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.	
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.	
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.	
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.	
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.	
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. NITRATES	
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.	
Sufficient Volume:	☑Yes ☐No ☐N/A	8.	
Correct Containers Used:	☑Yes ☐No ☐N/A	9.	
-Pace Containers Used:	☑Yes ☐No ☐N/A		
Containers Intact:	☐Yes ☑No ☐N/A	10. 1-1LAG (005) CAP BROKEN-LOCKING	
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.	
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.	
-Includes date/time/ID/Analysis Matrix: W			
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.	
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A		
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed AB	Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.	
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.	
Trip Blank Present:	☐Yes ☐No ☑N/A	16.	
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A		
Pace Trip Blank Lot # (if purchased): _____			

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AH for TN **Date:** 11/30/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Batch No. 878542

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

December 6, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 878542 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Alle Kn for Tod N.

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 878542

Client: FOTH & VAN DYKE
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Contact: Tod Noltemeyer

Lab Sample Number	Field ID	Matrix	Collection Date
878542-001	KMW-6A	GW	11/15/06 12:00

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alle Wn for Tod N. — Approval Signature

12/6/06 — Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878542

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-6A

Matrix Type : GROUNDWATER
Collection Date : 11/15/06
Report Date : 12/04/06
Lab Sample Number : 878542-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Mercury - Low Level	1.01	0.183	0.500	1	ng/L		12/04/06	EPA 1631E	EPA 1631E

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302

Analysis Summary by Laboratory

Test Group Name	878542-001
MERCURY - LOW LEVEL	K

Code	Facility	Address	MI Certification
K	Kimberly Laboratory	1090 Kennedy Ave. Kimberly, WI 54136	Not Certified

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436
Fax: 920-469-8827

QC Summary

Batch Number: 878542
Lab Section: METALS-K
QC Batch Number: 16641
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-039	MBMTK0966-039
MB2	MB2WMTK0966-039	MB2WMTK0966-039
MB3	MB3WMTK0966-039	MB3WMTK0966-039
IPR	IPRWMTK0966-039	IPRWMTK0966-039
OPR	OPRWMTK0966-039	OPRWMTK0966-039
MS	878749-002MS	878749-002MS
MS	878748-002MS	878748-002MS
MS	878657-002MS	878657-002MS
MSD	878749-002MSD	878749-002MSD
MSD	878748-002MSD	878748-002MSD
MSD	878657-002MSD	878657-002MSD

Client Sample ID: KMW-6A Lab Sample ID: 878542-001 Client Sample ID: Lab Sample ID:

Test Name	Method Blank Result Conc	Method Blank 2 Result Conc	Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.274	0.2436	0.4064	5	5.695	113.9	5.757	115.1	79	121	878657-002	5.63	10.0	17.9	122.8		10.0	17.2	115.4		4.2		75	125	24
Mercury - Low Level											878748-002	1202.1	1000.0	2320.4	111.8		1000.0	2277.5	107.5		1.9		75	125	24
Mercury - Low Level											878749-002	97.01	100.0	205.1	108.1		100.0	219.1	122.1		6.6		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/4/2006
QC Batch Number: 16641

Sample Condition Upon Receipt

Pace Analytical

Client Name: North Jackson Project # 898542

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Optional: Proj. Due Date: Proj. Name:

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used NA Type of Ice: Wet Blue (None) ☐ Samples on ice, cooling process has begun

Cooler Temperature NA Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C Comments:

Date and initials of person examining contents: LM 11-16-06 VLAS 11-16-06

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☐Yes ☐No ☒N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☒N/A	Initial when completed / Lot # of added preservative
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AH for TN **Date:** 12/6/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Company Name:	North Jackson
Branch/Location:	Marquette, MI
Project Contact:	
Phone:	906-225-6787
Project Number:	Humboldt Mill
Project Name:	
Project State:	MI
Sampled By (Print):	Richard Eagle
Sampled By (Sign):	Richard L Eagle
PO #:	Regulatory Program:

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

COC No. 015113

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	FWD
Mail To Address:	Green Bay, WI
Invoice To Contact:	SAME
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	KMW-6A	11-15-06	12:00	GW		1	LL Hg		1-500mL	
	FedEx TRACK #:	7990	3799	6058						

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard L Eagle	15:00	Fed Ex	
Fed Ex	11-16-06 1020	LeAnne Markham	11-16-06 1020

PACE Project No. 878542

Receipt Temp = N/A °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Batch No. 878214

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

December 7, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 878214 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Alea Kh for Tod N.

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 878214

Client: FOTH & VAN DYKE
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Contact: Tod Noltemeyer

Lab Sample Number	Field ID	Matrix	Collection Date
878214-001	FBK003	WATER	11/07/06 11:00
878214-002	TRIP BLANK	WATER	11/07/06
878214-003	MW-603	GW	11/07/06 14:10
878214-004	P-602	GW	11/07/06 11:50
878214-005	MW-604	GW	11/07/06 16:05
878214-006	P-604	GW	11/07/06 16:10
878214-007	MW-605	GW	11/07/06 15:00
878214-008	P-605	GW	11/07/06 14:10
878214-009	DUP003	GW	11/07/06
878214-010	MW-606	GW	11/07/06 11:45

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alle dm for Tod N
Approval Signature

12/7/06
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK003

Matrix Type : WATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	9.8	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic	0.15	B	0.13	1.0	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Barium	0.12	B	0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron	140		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium	1100		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt	0.026	U	0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper	2.0		0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness	5.2		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	SW846 6020
Iron	9.3	U	9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead	0.32	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium	3.1		0.014	0.047	1	ug/L		11/30/06	EPA 3020	EPA 6020
Magnesium	600		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese	0.30	B	0.12	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Mercury - Low Level	0.18	U	0.18	0.18	1	ng/L		11/15/06	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium	360	B	5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium	3800		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium	0.56	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc	9.2	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	8.8	B	1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Chloride	5.8		0.82	5.0	1	mg/L	A	11/13/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.16	B	0.096	0.50	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.20	U	0.20	0.50	1	mg/L		11/16/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.13	B	0.088	0.40	1	mg/L	H	11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L	H	11/09/06	EPA 300.0	EPA 300.0
Sulfate	2.6	B	0.77	4.0	1	mg/L		11/13/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/09/06	EPA 376.1	EPA 376.1
Total Alkalinity	8.8	B	1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK003

Matrix Type : WATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	74		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	82		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	77		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK003

Matrix Type : WATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-001

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			LCL	UCL						
Nitrobenzene-d5	79		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	80		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	96		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			LCL	UCL						
Tetrachloro-m-xylene	77		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	65		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	75		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	82		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	77		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

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Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-603

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	17	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	3.3		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	17		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	31		1.2	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	5100		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	11		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.15	U	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	30		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	2600		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.090	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	7.3		0.070	0.24	1	ug/L		11/30/06	EPA 3020	EPA 6020
Magnesium - Dissolved	4100		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	1200		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.7	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	67		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	1800		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	350	B	17	500	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.53	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	4.7	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.24	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	18		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Chloride	2.4	B	0.82	5.0	1	mg/L	A	11/13/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.56		0.096	0.50	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.20	U	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L	H	11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L	H	11/09/06	EPA 300.0	EPA 300.0
Sulfate	16		0.77	4.0	1	mg/L		11/13/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/09/06	EPA 376.1	EPA 376.1
Total Alkalinity	18		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-603

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-003

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	72		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	75		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	76		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-603

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-003

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.012	J	0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	50		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	61		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	78		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	85		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	66		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

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920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-602

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	9.7	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	6.6		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	23		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	35		1.2	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	13000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.44	B	0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.15	U	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	59		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	2300		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	3.1		0.070	0.24	1	ug/L		11/30/06	EPA 3020	EPA 6020
Magnesium - Dissolved	6400		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	900		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	6.7	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	2400		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	760		17	500	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.49	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	4.9	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.19	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	64		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Chloride	2.5	B	0.82	5.0	1	mg/L	A	11/13/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.26	B	0.096	0.50	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.33	B	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L	H	11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L	H	11/09/06	EPA 300.0	EPA 300.0
Sulfate	2.4	B	0.77	4.0	1	mg/L		11/13/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/09/06	EPA 376.1	EPA 376.1
Total Alkalinity	64		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-602

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-004

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L	N	11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	76		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	75		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	78		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.025	J	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.017	J	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

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Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-602

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-004

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.12		0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.041	J	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	48		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	51		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	93		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	85		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	55		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

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Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-604

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	32	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	2.9		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	74		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	59		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	30000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.44	B	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	2.2		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.20	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	120		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	9200		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.050	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	4.4		0.070	0.24	1	ug/L		11/30/06	EPA 3020	EPA 6020
Magnesium - Dissolved	12000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	2800		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.7	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	1.2		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3400		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	1500		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	1.1		0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5.4	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.33	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	130		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Chloride	2.7	B	0.82	5.0	1	mg/L	A	11/13/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.34	B	0.096	0.50	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.46	B	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Sulfate	2.8	B	0.77	4.0	1	mg/L		11/13/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/09/06	EPA 376.1	EPA 376.1
Total Alkalinity	130		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-604

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-005

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.44	J	0.43	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	75		64	132	1	%		11/15/06	SW846 5030B	SW846 8260B
Toluene-d8	76		73	127	1	%		11/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	77		68	122	1	%		11/15/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.44		0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.011	J	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.043	J	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.044	J	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.32		0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-604

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-005

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.46		0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.047	J	0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.020	J	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	80		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	74		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	96		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	87		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	87		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

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Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-604

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-006

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	11	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	1.4		0.13	1.0	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	26		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	27		1.2	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	28000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	3.4		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.15	U	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	110		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	1000		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.10	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	0.61		0.070	0.24	1	ug/L		11/30/06	EPA 3020	EPA 6020
Magnesium - Dissolved	10000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	390		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	3.9	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.85	B	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3200		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	2200		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.61	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	4.8	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.43	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	110		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Chloride	2.6	B	0.82	5.0	1	mg/L	A	11/13/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.33	B	0.096	0.50	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.20	U	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Sulfate	9.6		0.77	4.0	1	mg/L		11/13/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/09/06	EPA 376.1	EPA 376.1
Total Alkalinity	110		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-604

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-006

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	74		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	79		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	78		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-604

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-006

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	78		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	83		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	97		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	89		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	88		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-605

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-007

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	11	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	1.1		0.13	1.0	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	29		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	50		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	20000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.44	B	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	2.2		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.97	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	96		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	100		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.22	B	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	2.3		0.070	0.24	1	ug/L		11/30/06	EPA 3020	EPA 6020
Magnesium - Dissolved	11000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	4900		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	4.7	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	6.1		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	4300		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	970		17	500	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.67	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5.4	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.43	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	100		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Chloride	2.5	B	0.82	5.0	1	mg/L	A	11/13/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.42	B	0.096	0.50	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.34	B	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Sulfate	11		0.77	4.0	1	mg/L		11/13/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/09/06	EPA 376.1	EPA 376.1
Total Alkalinity	100		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-605

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-007

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	75		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	81		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	79		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-605

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-007

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	50		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	53		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	84		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.95	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.95	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.95	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.95	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.95	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.95	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.95	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.95	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	78		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	59		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-605

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-008

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	13	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	6.9		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	34		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	52		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	24000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.45	B	0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.15	U	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	110		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	4800		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	2.3		0.070	0.24	1	ug/L		11/30/06	EPA 3020	EPA 6020
Magnesium - Dissolved	12000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	3500		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	5.5	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	1.7		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	4800		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	1400		17	500	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.89	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	3.7	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.31	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	110		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Chloride	2.7	B	0.82	5.0	1	mg/L	A	11/13/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.49	B	0.096	0.50	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.32	B	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Sulfate	9.1		0.77	4.0	1	mg/L		11/13/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/09/06	EPA 376.1	EPA 376.1
Total Alkalinity	110		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-605

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-008

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	74		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	77		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	77		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.031	J	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.010	J	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.018	J	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.068		0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-605

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-008

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.028	J	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.15		0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			LCL	UCL						
Nitrobenzene-d5	59		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	60		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	90		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			LCL	UCL						
Tetrachloro-m-xylene	86		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	76		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP003

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-009

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	11	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	6.4		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	24		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	36		1.2	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	14000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.48	B	0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.15	U	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	62		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	2400		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	2.8		0.070	0.24	1	ug/L		11/30/06	EPA 3020	EPA 6020
Magnesium - Dissolved	6700		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	950		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	7.0	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	2500		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	780		17	500	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.51	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	4.4	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.26	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	66		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Chloride	2.4	B	0.82	5.0	1	mg/L	A	11/13/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.25	B	0.096	0.50	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.33	B	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Sulfate	2.5	B	0.77	4.0	1	mg/L		11/13/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/09/06	EPA 376.1	EPA 376.1
Total Alkalinity	66		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP003

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-009

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	74		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	74		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	76		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.026	J	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.017	J	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.011	J	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP003

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-009

PAH/PNA Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.13		0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.041	J	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	53		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	55		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	98		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	88		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	62		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-606

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-010

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	9.9	B	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	0.63	B	0.13	1.0	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	33		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	33		1.2	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	15000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.66	B	0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.19	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	82		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	410		9.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	4.0		0.070	0.24	1	ug/L		11/30/06	EPA 3020	EPA 6020
Magnesium - Dissolved	11000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	1100		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	6.0	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	6.3		0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3300		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	340	B	17	500	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.61	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5.4	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.25	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	62		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B
Chloride	2.4	B	0.82	5.0	1	mg/L	AN	11/13/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/20/06	EPA 335.4	EPA 335.4
Fluoride	0.35	B	0.096	0.50	1	mg/L		11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.20	U	0.20	0.50	1	mg/L		11/22/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L	H	11/09/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L	H	11/09/06	EPA 300.0	EPA 300.0
Sulfate	25		0.77	4.0	1	mg/L	N	11/13/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/09/06	EPA 376.1	EPA 376.1
Total Alkalinity	62		1.7	10	1	mg/L		11/10/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-606

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-010

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/14/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	73		64	132	1	%		11/14/06	SW846 5030B	SW846 8260B
Toluene-d8	80		73	127	1	%		11/14/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	78		68	122	1	%		11/14/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/14/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM

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Analytical Report Number: 878214

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-606

Matrix Type : GROUNDWATER
Collection Date : 11/07/06
Report Date : 12/06/06
Lab Sample Number : 878214-010

PAH/PNA

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	66		10	150	1	%		11/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	71		20	111	1	%		11/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	94		44	115	1	%		11/14/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/14/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/16/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	84		42	122	1	%		11/16/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	78		10	128	1	%		11/16/06	SW846 3510C	SW846 8082

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Lab Number	TestGroupID	Field ID	Comment
878214	PCB-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
878214	W-CL-W	All Samples	A - Analyte is detected in the method blank at a concentration of 2.16 mg/L.
878214-	M-AG-D	All Samples	A - Analyte is detected in the method blank at a concentration of -0.21 ug/L.
878214-	M-AS-D	All Samples	A - Analyte is detected in the method blank at a concentration of 0.13 ug/L.
878214-	M-B-D	All Samples	A - Analyte is detected in the method blank at a concentration of 1.8 ug/L.
878214-	M-NA-D	All Samples	A - Analyte is detected in the method blank at a concentration of 72 ug/L.
878214-	M-ZN-D	All Samples	A - Analyte is detected in the method blank at a concentration of 3.6 ug/L.
878214-001	M-AG-W	FBK003	A - Analyte is detected in the method blank at a concentration of -0.21 ug/L.
878214-001	M-AS-W	FBK003	A - Analyte is detected in the method blank at a concentration of 0.13 ug/L.
878214-001	M-ZN-W	FBK003	A - Analyte is detected in the method blank at a concentration of 3.6 ug/L.
878214-001	W-NO2-W	FBK003	H - Analysis performed "16" minutes past holding time.
878214-001	W-NO3-W	FBK003	H - Analysis performed "16" minutes past holding time.
878214-004	W-NO2-W	P-602	H - Analysis performed "1:03" Hours past holding time.
878214-004	W-NO3-W	P-602	H - Analysis performed "1:03" Hours past holding time.
878214-010	W-NO2-W	MW-606	H - Analysis performed "32" minutes past holding time.
878214-010	W-NO3-W	MW-606	H - Analysis performed "32" minutes past holding time.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

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Analysis Summary by Laboratory

Test Group Name	878214-001	878214-002	878214-003	878214-004	878214-005	878214-006	878214-007	878214-008	878214-009	878214-010
ALKALINITY, BICARB/CARB/TOTAL	B		B	B	B	B	B	B	B	B
ALUMINUM	B									
ALUMINUM - DISSOLVED			B	B	B	B	B	B	B	B
ANTIMONY	B									
ANTIMONY - DISSOLVED			B	B	B	B	B	B	B	B
ARSENIC	B									
ARSENIC - DISSOLVED			B	B	B	B	B	B	B	B
BARIUM	B									
BARIUM - DISSOLVED			B	B	B	B	B	B	B	B
BERYLLIUM	B									
BERYLLIUM - DISSOLVED			B	B	B	B	B	B	B	B
BORON	B									
BORON - DISSOLVED			B	B	B	B	B	B	B	B
CADMIUM	B									
CADMIUM - DISSOLVED			B	B	B	B	B	B	B	B
CALCIUM	B									
CALCIUM - DISSOLVED			B	B	B	B	B	B	B	B
CHLORIDE	B		B	B	B	B	B	B	B	B
CHROMIUM	B									
CHROMIUM - DISSOLVED			B	B	B	B	B	B	B	B
COBALT	B									
COBALT - DISSOLVED			B	B	B	B	B	B	B	B
COPPER	B									
COPPER - DISSOLVED			B	B	B	B	B	B	B	B
CYANIDE, TOTAL	B		B	B	B	B	B	B	B	B
FLUORIDE	B		B	B	B	B	B	B	B	B
HARDNESS	B									
HARDNESS - DISSOLVED			B	B	B	B	B	B	B	B
IRON	B									
IRON - DISSOLVED			B	B	B	B	B	B	B	B
LEAD	B									
LEAD - DISSOLVED			B	B	B	B	B	B	B	B
LITHIUM	M									
LITHIUM - DISSOLVED			M	M	M	M	M	M	M	M
MAGNESIUM	B									
MAGNESIUM - DISSOLVED			B	B	B	B	B	B	B	B
MANGANESE	B									
MANGANESE - DISSOLVED			B	B	B	B	B	B	B	B
MERCURY - LOW LEVEL	K									
MERCURY - LOW LEVEL - DISSOLVE			K	K	K	K	K	K	K	K
MOLYBDENUM	B									

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	878214-001	878214-002	878214-003	878214-004	878214-005	878214-006	878214-007	878214-008	878214-009	878214-010
MOLYBDENUM - DISSOLVED			B	B	B	B	B	B	B	B
NICKEL	B									
NICKEL - DISSOLVED			B	B	B	B	B	B	B	B
NITROGEN, AMMONIA	B		B	B	B	B	B	B	B	B
NITROGEN, NITRATE	B		B	B	B	B	B	B	B	B
NITROGEN, NITRITE	B		B	B	B	B	B	B	B	B
PAH/PNA	B		B	B	B	B	B	B	B	B
PCB	K		K	K	K	K	K	K	K	K
POTASSIUM	B									
POTASSIUM - DISSOLVED			B	B	B	B	B	B	B	B
SELENIUM	B									
SELENIUM - DISSOLVED			B	B	B	B	B	B	B	B
SILVER	B									
SILVER - DISSOLVED			B	B	B	B	B	B	B	B
SODIUM	B									
SODIUM - DISSOLVED			B	B	B	B	B	B	B	B
SULFATE	B		B	B	B	B	B	B	B	B
SULFIDE	B		B	B	B	B	B	B	B	B
THALLIUM	B									
THALLIUM - DISSOLVED			B	B	B	B	B	B	B	B
VANADIUM	B									
VANADIUM - DISSOLVED			B	B	B	B	B	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G	G	G	G
ZINC	B									
ZINC - DISSOLVED			B	B	B	B	B	B	B	B

Code	Facility	Address	MI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	Not Certified
K	Kimberly Laboratory	1090 Kennedy Ave. Kimberly, WI 54136	Not Certified
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	Not Certified

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch Number: 878214
Lab Section: METALS-K
QC Batch Number: 16184
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-032	MBMTK0966-032
MB2	MB2WMTK0966-032	MB2WMTK0966-032
MB3	MB3WMTK0966-032	MB3WMTK0966-032
IPR	IPRWMTK0966-032	IPRWMTK0966-032
OPR	OPRWMTK0966-032	OPRWMTK0966-032
MS	878195-003MS	878195-003MS
MSD	878195-003MSD	878195-003MSD

Client Sample ID	Lab Sample ID	Client Sample ID	Lab Sample ID
FBK003	878214-001		

Test Name	Method Blank Result Conc	Method Blank 2 Result Conc	Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	< 0.18	< 0.18	< 0.18	5	4.663	93.3	4.597	91.9	79	121	878195-003	1.7	0.50	2.2	101.1		0.50	2.1	87.2		3.3		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/6/2006
QC Batch Number: 16184

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch Number: 878214
Lab Section: METALS-K
QC Batch Number: 16318
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-034	MBMTK0966-034
MB2	MB2WMTK0966-034	MB2WMTK0966-034
MB3	MB3WMTK0966-034	MB3WMTK0966-034
IPR	IPRWMTK0966-034	IPRWMTK0966-034
OPR	OPRWMTK0966-034	OPRWMTK0966-034
MS	878271-003MS	878271-003MS
MS	878271-005MS	878271-005MS
MSD	878271-005MSD	878271-005MSD
MSD	878271-003MSD	878271-003MSD

Client Sample ID	Lab Sample ID	Client Sample ID	Lab Sample ID
MW-603	878214-003	P-602	878214-004
MW-604	878214-005	P-604	878214-006
MW-605	878214-007	P-605	878214-008
DUP003	878214-009	MW-606	878214-010

Test Name	Method Blank Result Conc	Method Blank 2 Result Conc	Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Diss	0.49	0.25	0.21	5	4.5	90.8	4.5	90.8	79	121	878271-003	1.2	5.0	5.9	94.0		5.0	5.8	92.4		1.4		75	125	24
Mercury - Low Level - Diss											878271-005	0.60	5.0	5.3	94.6		5.0	5.3	94.0		0.6		75	125	24

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Report Date: 12/6/2006
QC Batch Number: 16318

Sample Condition Upon Receipt

Pace Analytical

Client Name: Foth + Van Dyke Project # 878214

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optionals: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☑ Other Poly

Thermometer Used JB Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 2.0°C, 1.0°C 2.0°C 3.0°C 4.0°C Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 11-8-06 GD VRM 11/8/06

Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes	☐No	☐N/A	6. NO_2, NO_3
Rush Turn Around Time Requested:	☐Yes	☐No	☑N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
Containers Intact: GD	☑Yes	☐No	☐N/A	10. THE OUTER BAG #004 LLHg WAS NOT Sealed 11/8/06 GD
Filtered volume received for Dissolved tests	☑Yes	☐No	☐N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: GW				
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes	☐No	☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No		Initial when completed GD / Lot # of added preservative
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☐N/A	15.
Trip Blank Present:	☑Yes	☐No	☐N/A	16.
Trip Blank Custody Seals Present	☑Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: THE LLHg WERE PACKED WITH REGULAR SAMPLES 11/8/06 GD

Project Manager Review: AH for TN **Date:** 12/7/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

COC No. 015065

Pace Analytical®
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CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other > ZnAc

(Please Print Clearly)	
Company Name:	North Jackson Company
Branch/Location:	Marquette, MI
Project Contact:	
Phone:	906-225-6787
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Dan Wiitala, Andy Marucci
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	FUD
Mail To Address:	
Invoice To Contact:	SAME
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A	8260 BTEX/MTBE/5 Oxys			
					Y	A	HVOC			
					N	B				
					N	C				
					Y	D				
					N	G				
					N	J				
001	FBK003	11-7-06	1100	W			5 1 3 1 2 1 1	1-500ml plastic A 3-40ml B	3L Amber A 1-500ml D 1-250ml A 1-250ml B 1-250ml C,G	
002	Trip Blank	11-7-06	—	W			2	2-40ml B		
003	MW-603	11-7-06	1410	GW			5 1 3 1 2 1 1	1-500ml plastic A 3-40ml B		
004	P-602	11-7-06	1150	GW			5 1 3 1 2 1 1			
005	MW-604	11-7-06	1605	GW			5 1 3 1 2 1 1			
006	P-604	11-7-06	1610	GW			5 1 3 1 2 1 1			
007	MW-605	11-7-06	1500	GW			5 1 3 1 2 1 1			
008	P-605	11-7-06	1410	GW			5 1 3 1 2 1 1			
009	DUP003	11-7-06		GW			5 1 3 1 2 1 1			
010	MW-606	11-7-06	1145	GW			5 1 3 1 2 1 1			
	TRK #'s:	7922 3591 1057, 7915 8028 4540								
		7915 8028 4555, 7915 8028 4573, 7915 8028 4562 (coc)								

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11-7-06 1800		
Ted	11-8-06 1045	Gloria Dykstra	11-8-06 1045

PACE Project No. 878214

Receipt Temp = 2.0°C 1.0°C 2.0°C 3.0°C 4.0°C

Sample Receipt pH: OK / Adjusted

Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878214
Lab Section: BNASIM
QC Batch Number: 16103
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-72MB	svog1945-72MB
LCS	svog1945-72LCS	svog1945-72LCS
LCSD	svog1945-72LCSD	svog1945-72LCSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	878214-001	MB
P-602	878214-004	MB
P-604	878214-006	MB
P-605	878214-008	MB
MW-606	878214-010	MB

Client Sample ID	Lab Sample ID	MB ID
MW-603	878214-003	MB
MW-604	878214-005	MB
MW-605	878214-007	MB
DUP003	878214-009	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.21	103		0.20	0.2	102		1.4		40	126	23	---	---	---	---	---		---	---	---		---		---	---	---
Acenaphthylene	<	0.0086	0.20	0.2	101		0.20	0.2	101		0.2		39	127	24	---	---	---	---	---		---	---	---		---		---	---	---
Anthracene	<	0.012	0.20	0.24	119		0.20	0.24	121		1.5		39	139	27	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(a)anthracene	<	0.017	0.20	0.22	111		0.20	0.22	109		1.8		48	146	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(a)pyrene	<	0.019	0.20	0.23	115		0.20	0.24	122		5.2		61	136	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.24	119		0.20	0.25	127		7.1		51	141	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(ghi)perylene	<	0.02	0.20	0.23	115		0.20	0.25	123		6.0		57	136	20	---	---	---	---	---		---	---	---		---		---	---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.24	119		0.20	0.25	125		4.5		61	149	20	---	---	---	---	---		---	---	---		---		---	---	---
Chrysene	<	0.02	0.20	0.25	125		0.20	0.26	129		3.5		61	150	20	---	---	---	---	---		---	---	---		---		---	---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.23	113		0.20	0.23	116		2.4		46	150	20	---	---	---	---	---		---	---	---		---		---	---	---
Fluoranthene	<	0.016	0.20	0.24	119		0.20	0.25	126		5.4		48	145	20	---	---	---	---	---		---	---	---		---		---	---	---
Fluorene	<	0.0096	0.20	0.21	106		0.20	0.21	104		2.4		40	131	25	---	---	---	---	---		---	---	---		---		---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.23	114		0.20	0.24	120		5.4		54	143	20	---	---	---	---	---		---	---	---		---		---	---	---
Naphthalene	<	0.013	0.20	0.2	100		0.20	0.21	103		3.2		45	131	30	---	---	---	---	---		---	---	---		---		---	---	---
Phenanthrene	<	0.012	0.20	0.23	115		0.20	0.23	116		0.9		40	131	25	---	---	---	---	---		---	---	---		---		---	---	---
Pyrene	<	0.015	0.20	0.23	114		0.20	0.23	116		1.1		55	135	20	---	---	---	---	---		---	---	---		---		---	---	---
Nitrobenzene-d5		72%	---	---	77		---	---	77		---		10	150	---	---	---	---	---	---		---	---	---		---		---	---	---
2-Fluorobiphenyl		76%	---	---	82		---	---	81		---		20	111	---	---	---	---	---	---		---	---	---		---		---	---	---
Terphenyl-d14		88%	---	---	87		---	---	90		---		44	115	---	---	---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 16103

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878214
Lab Section: METALS
QC Batch Number: 16068
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG1978-81	MBWMTG1978-81
MB	MBDMTG1978-81	MBDMTG1978-81
LCS	LCSWMTG1978-81	LCSWMTG1978-81
LCS	LCSDMTG1978-81	LCSDMTG1978-81
MS	878160-001MS	878160-001MS
MSD	878160-001MSD	878160-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	878214-001	MB
P-602	878214-004	MB
P-604	878214-006	MB
P-605	878214-008	MB
MW-606	878214-010	MB

Client Sample ID	Lab Sample ID	MB ID
MW-603	878214-003	MB
MW-604	878214-005	MB
MW-605	878214-007	MB
DUP003	878214-009	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	<	6.3	10000.0	10520	105.2		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Antimony	<	0.24	200.0	221.5	110.8		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Arsenic	J	0.13	200.0	211.1	105.6		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Barium	<	0.12	200.0	208.7	104.3		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Beryllium	<	0.1	200.0	209.8	104.9		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Boron	J	1.8	200.0	203.2	101.6		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Cadmium	<	0.14	200.0	212	106.0		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Calcium	J	29	10000.0	10520	105.2		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Chromium	<	0.32	200.0	216.6	108.3		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Cobalt	<	0.026	200.0	211.8	105.9		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Copper	<	0.15	200.0	211.7	105.8		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Iron	<	9.3	10000.0	10720	107.2		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Lead	<	0.049	200.0	209.7	104.8		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Magnesium	J	6.6	10000.0	10480	104.8		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Manganese	J	0.15	200.0	216.4	108.2		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Molybdenum	<	0.61	200.0	208.7	104.3		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Nickel	<	0.32	200.0	210.3	105.2		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Potassium	<	5.7	10000.0	10500	105.0		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Selenium	<	0.67	200.0	207.2	103.6		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Silver	<	0.034	100.0	100.7	100.7		---	---	---		---			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---

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C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 16068

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sodium	J	72	10000.0	10420	104.2		---	---	---		---		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
Thallium	<	0.053	200.0	202.6	101.3		---	---	---		---		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
Vanadium	<	0.1	200.0	212.5	106.2		---	---	---		---		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
Zinc	J	3.6	200.0	206.2	103.1		---	---	---		---		75	125	20	---		---	---	---	---		---	---	---		---		---	---	---
Aluminum - Dissolved	<	6.3	10000.0	10520	105.2		---	---	---		---		75	125	20	878160-001		8.95000E0	10000.0	10400	103.9		10000.0	10410	104.0		0.1		75	125	20
Antimony - Dissolved	<	0.24	200.0	221.5	110.8		---	---	---		---		75	125	20	878160-001	<	0.24	200.0	222.5	111.2		200.0	230.1	115.1		3.4		75	125	20
Arsenic - Dissolved	J	0.13	200.0	211.1	105.6		---	---	---		---		75	125	20	878160-001		1.070	200.0	214.6	106.8		200.0	216.1	107.5		0.7		75	125	20
Barium - Dissolved	<	0.12	200.0	208.7	104.3		---	---	---		---		75	125	20	878160-001		36.61	200.0	249.2	106.3		200.0	250.8	107.1		0.6		75	125	20
Beryllium - Dissolved	<	0.1	200.0	209.8	104.9		---	---	---		---		75	125	20	878160-001	<	0.1	200.0	194.4	97.2		200.0	194.8	97.4		0.2		75	125	20
Boron - Dissolved	J	1.8	200.0	203.2	101.6		---	---	---		---		75	125	20	878160-001		32.93	200.0	229.7	98.4		200.0	235.6	101.3		2.5		75	125	20
Cadmium - Dissolved	<	0.14	200.0	212	106.0		---	---	---		---		75	125	20	878160-001	<	0.14	200.0	210.9	105.4		200.0	210.1	105.1		0.4		75	125	20
Calcium - Dissolved	J	29	10000.0	10520	105.2		---	---	---		---		75	125	20	878160-001		10710.0	10000.0	20790	100.8		10000.0	20980	102.7		0.9		75	125	20
Chromium - Dissolved	<	0.32	200.0	216.6	108.3		---	---	---		---		75	125	20	878160-001	<	0.32	200.0	212.5	106.2		200.0	213.6	106.8		0.5		75	125	20
Cobalt - Dissolved	<	0.026	200.0	211.8	105.9		---	---	---		---		75	125	20	878160-001		3.860	200.0	215.1	105.6		200.0	217.8	107.0		1.2		75	125	20
Copper - Dissolved	<	0.15	200.0	211.7	105.8		---	---	---		---		75	125	20	878160-001		0.3200	200.0	208	103.8		200.0	211.3	105.5		1.6		75	125	20
Iron - Dissolved	<	9.3	10000.0	10720	107.2		---	---	---		---		75	125	20	878160-001		5528.00	10000.0	15200	96.7		10000.0	16190	106.6		6.3		75	125	20
Lead - Dissolved	<	0.049	200.0	209.7	104.8		---	---	---		---		75	125	20	878160-001	<	0.049	200.0	210.2	105.1		200.0	214.6	107.3		2.1		75	125	20
Magnesium - Dissolved	J	6.6	10000.0	10480	104.8		---	---	---		---		75	125	20	878160-001		7259.00	10000.0	17570	103.1		10000.0	17540	102.8		0.2		75	125	20
Manganese - Dissolved	J	0.15	200.00	216.4	108.2		---	---	---		---		75	125	20	878160-001		5027.0	200.00	5228	100.5	+	200.00	5239	106.0	+	0.2		75	125	20
Molybdenum - Dissolved	<	0.61	200.0	208.7	104.3		---	---	---		---		75	125	20	878160-001		4.390	200.0	220.2	107.9		200.0	226.6	111.1		2.9		75	125	20
Nickel - Dissolved	<	0.32	200.0	210.3	105.2		---	---	---		---		75	125	20	878160-001		15.04	200.0	221.7	103.3		200.0	225.5	105.2		1.7		75	125	20
Potassium - Dissolved	<	5.7	10000.0	10500	105.0		---	---	---		---		75	125	20	878160-001		2262.00	10000.0	12510	102.5		10000.0	12920	106.6		3.2		75	125	20
Selenium - Dissolved	<	0.67	200.0	207.2	103.6		---	---	---		---		75	125	20	878160-001	<	0.67	200.0	208.5	104.2		200.0	208.8	104.4		0.1		75	125	20
Silver - Dissolved	<	0.034	100.0	100.7	100.7		---	---	---		---		75	125	20	878160-001	<	0.034	100.0	101	101.0		100.0	104.4	104.4		3.3		75	125	20
Sodium - Dissolved	J	72	10000.0	10420	104.2		---	---	---		---		75	125	20	878160-001		603.600	10000.0	10880	102.8		10000.0	11110	105.1		2.1		75	125	20
Thallium - Dissolved	<	0.053	200.0	202.6	101.3		---	---	---		---		75	125	20	878160-001	<	0.053	200.0	203.2	101.6		200.0	206.8	103.4		1.8		75	125	20
Vanadium - Dissolved	<	0.1	200.0	212.5	106.2		---	---	---		---		75	125	20	878160-001		0.3200	200.0	209.5	104.6		200.0	209.9	104.8		0.2		75	125	20
Zinc - Dissolved	J	3.6	200.0	206.2	103.1		---	---	---		---		75	125	20	878160-001		6.230	200.0	204.1	98.9		200.0	206.9	100.3		1.4		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 16068

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878214
Lab Section: METALS-K
QC Batch Number: 16184
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-032	MBMTK0966-032
IPR	IPRWMTK0966-032	IPRWMTK0966-032
OPR	OPRWMTK0966-032	OPRWMTK0966-032
MS	878195-003MS	878195-003MS
MSD	878195-003MSD	878195-003MSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	878214-001	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level	< 0.18	0	--	--		--	--	--		--		--	--	--	878195-003	1.7	0.50	2.2	101.1		0.50	2.1	87.2		3.3		75	125	24

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Report Date: 9/4/2007
QC Batch Number: 16184

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878214
Lab Section: METALS-K
QC Batch Number: 16318
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-034	MBMTK0966-034
IPR	IPRWMTK0966-034	IPRWMTK0966-034
OPR	OPRWMTK0966-034	OPRWMTK0966-034
MS	878271-005MS	878271-005MS
MS	878271-003MS	878271-003MS
MSD	878271-005MSD	878271-005MSD
MSD	878271-003MSD	878271-003MSD

Client Sample ID	Lab Sample ID	MB ID
MW-603	878214-003	MB
MW-604	878214-005	MB
MW-605	878214-007	MB
DUP003	878214-009	MB

Client Sample ID	Lab Sample ID	MB ID
P-602	878214-004	MB
P-604	878214-006	MB
P-605	878214-008	MB
MW-606	878214-010	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Dissol	0.49	0	---	---		---	---	---		---			---	---	---	878271-003	1.2	5.0	5.9	94.0		5.0	5.8	92.4		1.4			75	125	24
Mercury - Low Level - Dissol	0.49	0	---	---		---	---	---		---			---	---	---	878271-005	0.60	5.0	5.3	94.6		5.0	5.3	94.0		0.6			75	125	24

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Report Date: 9/4/2007
QC Batch Number: 16318

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878214
Lab Section: PCB-K
QC Batch Number: 16071
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-015PCBMB	SVG2057-015PCBMB
LCS	SVG2057-015PCBLCS	SVG2057-015PCBLCS
LCSD	SVG2057-015PCBLCSD	SVG2057-015PCBLCSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	878214-001	MB
P-602	878214-004	MB
P-604	878214-006	MB
P-605	878214-008	MB
MW-606	878214-010	MB

Client Sample ID	Lab Sample ID	MB ID
MW-603	878214-003	MB
MW-604	878214-005	MB
MW-605	878214-007	MB
DUP003	878214-009	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1221	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1232	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1242	<	0.24	20.0	21	105		20.0	21.4	107		2.0		47	138	20	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1248	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1254	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1260	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Total PCBs	<	0.24	---	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Tetrachloro-m-xylene		82%	---	---	81		---	---	76		---		42	122	---	---	---	---	---	---		---	---	---		---		---	---	---
Decachlorobiphenyl		54%	---	---	69		---	---	66		---		10	128	---	---	---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 16071

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878214
Lab Section: VOA
QC Batch Number: 16063
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2046-98MB	vog2046-98MB
LCS	vog2046-98LCS	vog2046-98LCS
LCSD	vog2046-98LCSD	vog2046-98LCSD
MS	P-602MS	878214-004MS
MSD	P-602MSD	878214-004MSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	878214-001	MB
MW-603	878214-003	MB
MW-604	878214-005	MB
MW-605	878214-007	MB
DUP003	878214-009	MB
TRIP BLANK	878214-002	MB
P-602	878214-004	MB
P-604	878214-006	MB
P-605	878214-008	MB
MW-606	878214-010	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	<	0.9	50.0	47.6	95		50.0	46.7	93		1.9			75	128	20	878214-004	<	0.9	50.0	47.4	95		50.0	47	94		1.0			70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	46.1	92		50.0	44.7	89		3.0			67	125	20	878214-004	<	0.2	50.0	45.6	91		50.0	43.5	87		4.6			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	47.6	95		50.0	47.5	95		0.2			75	125	20	878214-004	<	0.42	50.0	47.3	95		50.0	46.4	93		1.8			70	130	30
1,1-Dichloroethane	<	0.75	50.0	44.7	89		50.0	44	88		1.5			71	130	20	878214-004	<	0.75	50.0	44.3	89		50.0	43.4	87		2.2			70	130	30
1,1-Dichloroethene	<	0.57	50.0	51	102		50.0	50	100		1.9			75	125	20	878214-004	<	0.57	50.0	48.3	97		50.0	47.9	96		0.9			70	135	30
1,2-Dichloroethane	<	0.36	50.0	47.8	96		50.0	47	94		1.8			71	132	20	878214-004	<	0.36	50.0	47.5	95		50.0	46.5	93		2.2			70	130	30
1,2-Dichloroethene, Total	<	1.4	100	96	96		100	93.8	94		2.3			75	125	20	878214-004	<	1.4	100	94.6	95		100	94	94		0.7			70	130	30
1,2-Dichloropropane	<	0.46	50.0	46.2	92		50.0	46	92		0.3			73	125	20	878214-004	<	0.46	50.0	45.7	91		50.0	45.2	90		1.2			70	130	30
2-Butanone	<	4.3	50.0	41	82		50.0	41	82		0.1			59	130	20	878214-004	<	4.3	50.0	44.7	89		50.0	44.2	88		1.2			51	130	30
2-Hexanone	<	1.1	50.0	42.8	86		50.0	41.2	82		3.9			51	125	20	878214-004	<	1.1	50.0	43	86		50.0	43.2	86		0.5			53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	45.3	91		50.0	43.9	88		2.9			59	125	20	878214-004	<	1.2	50.0	44.2	88		50.0	44.7	89		1.0			62	130	30
Acetone	<	2.3	50.0	41.5	83		50.0	37.7	75		9.4			31	150	20	878214-004	<	2.3	50.0	40.2	80		50.0	41.6	83		3.4			42	132	30
Benzene	<	0.41	50.0	45.8	92		50.0	45.1	90		1.6			75	125	20	878214-004	<	0.41	50.0	45.5	91		50.0	44.5	89		2.4			70	130	30
Bromodichloromethane	<	0.56	50.0	53.9	108		50.0	52.1	104		3.4			75	125	20	878214-004	<	0.56	50.0	50.5	101		50.0	50.4	101		0.2			70	130	30
Bromoform	<	0.94	50.0	48.3	97		50.0	47.1	94		2.5			75	125	20	878214-004	<	0.94	50.0	41.7	83		50.0	41.2	82		1.2			70	130	30
Bromomethane	<	0.91	50.0	34.3	69		50.0	35.5	71		3.4			66	125	20	878214-004	<	0.91	50.0	35	70		50.0	35.4	71		1.1			63	147	30
Carbon Disulfide	<	0.66	50.0	46	92		50.0	43.4	87		5.7			71	128	20	878214-004	<	0.66	50.0	34.5	69		50.0	34.6	69		0.2			56	142	30
Carbon Tetrachloride	<	0.49	50.0	49.8	100		50.0	48.6	97		2.5			75	125	20	878214-004	<	0.49	50.0	47.1	94		50.0	46.1	92		2.1			70	131	30
Chlorobenzene	<	0.41	50.0	50.4	101		50.0	49.7	99		1.5			75	125	20	878214-004	<	0.41	50.0	49.4	99		50.0	49.6	99		0.4			70	130	30
Chlorodibromomethane	<	0.81	50.0	56.7	113		50.0	55.4	111		2.3			75	125	20	878214-004	<	0.81	50.0	50.8	102		50.0	50.9	102		0.0			70	130	30
Chloroethane	<	0.97	50.0	46.1	92		50.0	45.5	91		1.4			72	126	20	878214-004	<	0.97	50.0	44.6	89		50.0	44	88		1.4			67	138	30

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Report Date: 9/4/2007
QC Batch Number: 16063

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloroform	<	0.37	50.0	46.9	94		50.0	46.6	93		0.6		75	125	20	878214-004	<	0.37	50.0	46.8	94		50.0	45.8	92		2.1		70	130	30
Chloromethane	<	0.24	50.0	42.4	85		50.0	41.9	84		1.3		46	143	20	878214-004	<	0.24	50.0	40.1	80		50.0	38.3	77		4.4		43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	45.6	91		50.0	44	88		3.6		75	125	20	878214-004	<	0.19	50.0	39.4	79		50.0	40.6	81		3.1		70	130	30
Ethylbenzene	<	0.54	50.0	50.3	101		50.0	50	100		0.5		75	125	20	878214-004	<	0.54	50.0	48.2	96		50.0	47.3	95		1.9		70	136	30
Methylene Chloride	<	0.43	50.0	49.2	98		50.0	46.2	92		6.2		75	125	20	878214-004	<	0.43	50.0	49.6	99		50.0	48.1	96		3.0		70	130	30
Styrene	<	0.86	50.0	52.1	104		50.0	51.4	103		1.4		75	125	20	878214-004	<	0.86	50.0	30.8	62	N	50.0	28.2	56	N	8.9		70	130	30
Tetrachloroethene	<	0.45	50.0	52.2	104		50.0	51.8	104		0.9		75	130	20	878214-004	<	0.45	50.0	52	104		50.0	51.5	103		0.9		70	130	30
Toluene	<	0.67	50.0	49.2	98		50.0	48.9	98		0.7		75	125	20	878214-004	<	0.67	50.0	47.1	94		50.0	46.5	93		1.2		70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	46.2	92		50.0	45.6	91		1.3		75	125	20	878214-004	<	0.19	50.0	40.5	81		50.0	41	82		1.3		70	130	30
Trichloroethene	<	0.48	50.0	51.3	103		50.0	49.7	99		3.2		75	125	20	878214-004	<	0.48	50.0	49.5	99		50.0	50.2	100		1.4		70	130	30
Vinyl Chloride	<	0.18	50.0	45.7	91		50.0	44.3	89		3.1		65	130	20	878214-004	<	0.18	50.0	43	86		50.0	41.4	83		3.9		62	138	30
Xylene, Total	<	2.6	150.0	152.4	102		150.0	151.2	101		0.8		75	125	20	878214-004	<	2.6	150.0	131.6	88		150.0	126.5	84		4.0		70	130	30
4-Bromofluorobenzene		73%	---	---	75		---	---	76		---		64	132	---	878214-004		76%	---	---	77		---	---	75		---		64	132	---
Toluene-d8		81%	---	---	82		---	---	83		---		73	127	---	878214-004		75%	---	---	81		---	---	81		---		73	127	---
Dibromofluoromethane		76%	---	---	75		---	---	77		---		68	122	---	878214-004		78%	---	---	77		---	---	78		---		68	122	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 16063

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878214
Lab Section: WETCHEM
QC Batch Number: 15944
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2081-001MB	WCG2081-001MB
LCS	WCG2081-001MBLCS	WCG2081-001MBLCS
MS	MW-606MS	878214-010MS
MS	878192-008MS	878192-008MS
MSD	MW-606MSD	878214-010MSD
MSD	878192-008MSD	878192-008MSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	878214-001	MB
P-602	878214-004	MB
P-604	878214-006	MB
P-605	878214-008	MB
MW-606	878214-010	MB
MW-603	878214-003	MB
MW-604	878214-005	MB
MW-605	878214-007	MB
DUP003	878214-009	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Fluoride	<	0.096	2.0	2	97.5		---	---	---		---		90	110	20	878214-010		0.35	2.0	2.2	93.0		2.0	2.2	92.5		0.5		90	110	20
Nitrogen, Nitrate	<	0.088	0	---	---		---	---	---		---		---	---	---	878214-010	<	0.088	1.6	1.5	94.4		1.6	1.5	94.4		0.0		90	110	20
Nitrogen, Nitrite	<	0.04	0	---	---		---	---	---		---		---	---	---	878214-010	<	0.04	0.80	0.77	96.2		0.80	0.78	97.5		1.3		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 15944

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878214
Lab Section: WETCHEM
QC Batch Number: 15981
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-058MB	WCG1919-058MB
LCS	WCG1919-058MBLCS	WCG1919-058MBLCS
LCSD	WCG1919-058MBLCSD	WCG1919-058MBLCSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	878214-001	MB
P-602	878214-004	MB
P-604	878214-006	MB
P-605	878214-008	MB
MW-606	878214-010	MB
MW-603	878214-003	MB
MW-604	878214-005	MB
MW-605	878214-007	MB
DUP003	878214-009	MB

Test Name	Method Blank Result		Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sulfide	<	2.5		48.0	46	95.8		48.0	46	95.8		0.0		80	120	20	---		---	---	---	---		---	---	---		---		---	---	---

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 15981

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878214
Lab Section: WETCHEM
QC Batch Number: 16009
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-059MB	WCG1919-059MB
LCS	WCG1919-059MBLCS	WCG1919-059MBLCS
MS	FBK003MS	878214-001MS
MSD	FBK003MSD	878214-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	878214-001	MB
P-602	878214-004	MB
P-604	878214-006	MB
P-605	878214-008	MB
MW-606	878214-010	MB

Client Sample ID	Lab Sample ID	MB ID
MW-603	878214-003	MB
MW-604	878214-005	MB
MW-605	878214-007	MB
DUP003	878214-009	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	J	2.2	12.60	13.3	105.2		---	---	---		---		80	120	20	878214-001		8.840	100.0	108.3	99.4		100.0	108.3	99.4		0.0		80	120	20
Carbonate Alkalinity	<	1.7	---	---	---		---	---	---		---		---	---	---	878214-001	<	1.7	---	---	---		---	---	---		---		---	---	---
Total Alkalinity	J	2.2	12.60	13.3	105.2		---	---	---		---		80	120	20	878214-001		8.840	100.0	108.3	99.4		100.0	108.3	99.4		0.0		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 16009

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878214
Lab Section: WETCHEM
QC Batch Number: 16058
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2081-008MB	WCG2081-008MB
LCS	WCG2081-008MBLCS	WCG2081-008MBLCS
MS	MW-606MS	878214-010MS
MS	878192-008MS	878192-008MS
MSD	MW-606MSD	878214-010MSD
MSD	878192-008MSD	878192-008MSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	878214-001	MB
P-602	878214-004	MB
P-604	878214-006	MB
P-605	878214-008	MB
MW-606	878214-010	MB
MW-603	878214-003	MB
MW-604	878214-005	MB
MW-605	878214-007	MB
DUP003	878214-009	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	J	2.2	20.0	19.4	96.8		---	---	---		---		90	110	20	878214-010	2.40	20.0	19.9	87.3	N	20.0	20.2	89.1	N	1.8		90	110	20
Sulfate	<	10	16.0	15.8	98.5		---	---	---		---		90	110	20	878214-010	25.0	16.0	42.4	109.1		16.0	42.8	111.2	N	0.8		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 16058

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878214
Lab Section: WETCHEM
QC Batch Number: 16149
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-038MB	WCG2073-038MB
LCS	WCG2073-038MBLCS	WCG2073-038MBLCS
MS	878375-006MS	878375-006MS
MSD	878375-006MSD	878375-006MSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	878214-001	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.2	10.0	10.1	101.4		---	---	---		---		90	110	20	878375-006	<	0.2	10.0	10.2	102.1		10.0	9.7	96.7		5.5		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 16149

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878214
Lab Section: WETCHEM
QC Batch Number: 16247
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-048MB	WCG2073-048MB
LCS	WCG2073-048MBLCS	WCG2073-048MBLCS
MS	878271-004MS	878271-004MS
MS	P-605MS	878214-008MS
MSD	878271-004MSD	878271-004MSD
MSD	P-605MSD	878214-008MSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	878214-001	MB
P-602	878214-004	MB
P-604	878214-006	MB
P-605	878214-008	MB
MW-606	878214-010	MB
MW-603	878214-003	MB
MW-604	878214-005	MB
MW-605	878214-007	MB
DUP003	878214-009	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.099	98.6		---	---	---		---		90	110	20	878214-008	<	0.0094	0.10	0.098	98.0		0.10	0.095	94.8		3.3		90	110	20
Cyanide, Total	<	0.0094	0.10	0.099	98.6		---	---	---		---		90	110	20	878271-004	<	0.0094	0.10	0.1	100.1		0.10	0.099	99.1		1.0		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 16247

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878214
Lab Section: WETCHEM
QC Batch Number: 16328
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-053MB	WCG2073-053MB
LCS	WCG2073-053MBLCS	WCG2073-053MBLCS
MS	878254-006MS	878254-006MS
MS	878226-001MS	878226-001MS
MSD	878254-006MSD	878254-006MSD
MSD	878226-001MSD	878226-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-603	878214-003	MB
MW-604	878214-005	MB
MW-605	878214-007	MB
DUP003	878214-009	MB

Client Sample ID	Lab Sample ID	MB ID
P-602	878214-004	MB
P-604	878214-006	MB
P-605	878214-008	MB
MW-606	878214-010	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.2	10.0	9.5	95.4		---	---	---		---		90	110	20	878226-001		1.91	10.0	12.7	107.8		10.0	12.2	103.1		3.8		90	110	20
Nitrogen, Ammonia	<	0.2	10.0	9.5	95.4		---	---	---		---		90	110	20	878254-006		0.680	10.0	11.2	105.4		10.0	11	102.7		2.4		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 16328

Batch No. 878333

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

December 7, 2006

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 878333 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Alee Hn for Tod N.

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 878333

Client: FOTH & VAN DYKE
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Contact: Tod Noltemeyer

Lab Sample Number	Field ID	Matrix	Collection Date
878333-001	KMW-3	WATER	11/09/06 12:10
878333-002	DUP005	WATER	11/09/06
878333-003	MW-102	WATER	11/09/06 10:45
878333-004	MW-104	WATER	11/09/06 09:50
878333-005	MW-102	WATER	11/09/06 16:25
878333-006	FBK005	WATER	11/09/06 08:30

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alle Hes for Tod N — Approval Signature

12/7/06 — Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878333

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-3

Matrix Type : WATER
Collection Date : 11/09/06
Report Date : 12/06/06
Lab Sample Number : 878333-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	7.7		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	110		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	46		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	50000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.34	B	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	1.8		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.15	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	210		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	23000		9.3	50	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	2.2		0.070	0.24	1	ug/L		11/22/06	EPA 3020	EPA 6020
Magnesium - Dissolved	21000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	5700		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.3	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.66	B	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3300		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	4400		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.66	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5.4	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.46	B	0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	100		1.7	10	1	mg/L		11/17/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/17/06	SM 2320B	SM 2320B
Chloride	3.5	B	0.82	5.0	1	mg/L		11/20/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/21/06	EPA 335.4	EPA 335.4
Fluoride	0.23	B	0.096	0.50	1	mg/L		11/20/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		12/04/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	130		3.9	20	5	mg/L		11/18/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/15/06	EPA 376.1	EPA 376.1
Total Alkalinity	100		1.7	10	1	mg/L		11/17/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878333

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-3

Matrix Type : WATER
Collection Date : 11/09/06
Report Date : 12/06/06
Lab Sample Number : 878333-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L	&N	11/15/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L	N	11/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	74		64	132	1	%		11/15/06	SW846 5030B	SW846 8260B
Toluene-d8	74		73	127	1	%		11/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	78		68	122	1	%		11/15/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/16/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/16/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/16/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878333

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-3

Matrix Type : WATER
Collection Date : 11/09/06
Report Date : 12/06/06
Lab Sample Number : 878333-001

PAH/PNA

Prep Date: 11/16/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	62		10	150	1	%		11/16/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	66		20	111	1	%		11/16/06	SW846 3510C	8270C-SIM
Terphenyl-d14	83		44	115	1	%		11/16/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/16/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	88		42	122	1	%		11/29/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	73		10	128	1	%		11/29/06	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878333

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP005

Matrix Type : WATER
Collection Date : 11/09/06
Report Date : 12/06/06
Lab Sample Number : 878333-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	7.6		0.13	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	110		0.12	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	46		1.2	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	U	0.14	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	50000		13	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	0.42	B	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	1.7		0.026	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	0.65	B	0.15	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Hardness - Dissolved	210		0.15	2.0	1	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	23000		9.3	50	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	2.4		0.070	0.24	1	ug/L		11/22/06	EPA 3020	EPA 6020
Magnesium - Dissolved	21000		4.6	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	5600		1.2	10	10	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.2	B	0.61	10	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Nickel - Dissolved	0.69	B	0.32	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	3400		5.7	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	4300		17	500	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.65	B	0.10	1.0	1	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5.1	B	0.98	10	1	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.50		0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	99		1.7	10	1	mg/L		11/17/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		11/17/06	SM 2320B	SM 2320B
Chloride	3.5	B	0.82	5.0	1	mg/L		11/20/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/21/06	EPA 335.4	EPA 335.4
Fluoride	0.23	B	0.096	0.50	1	mg/L		11/20/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.71	B	0.50	1.0	1	mg/L		12/04/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.040	U	0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	130		3.9	20	5	mg/L		11/18/06	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/15/06	EPA 376.1	EPA 376.1
Total Alkalinity	99		1.7	10	1	mg/L		11/17/06	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878333

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP005

Matrix Type : WATER
Collection Date : 11/09/06
Report Date : 12/06/06
Lab Sample Number : 878333-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L	&	11/15/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Methylene Chloride	0.67	J	0.43	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	73		64	132	1	%		11/15/06	SW846 5030B	SW846 8260B
Toluene-d8	76		73	127	1	%		11/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	79		68	122	1	%		11/15/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/16/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	11/16/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	11/16/06	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U	0.015	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878333

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP005

Matrix Type : WATER
Collection Date : 11/09/06
Report Date : 12/06/06
Lab Sample Number : 878333-002

PAH/PNA

Prep Date: 11/16/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.012	U	0.012	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U	0.011	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.047	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	67		10	150	1	%		11/16/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	71		20	111	1	%		11/16/06	SW846 3510C	8270C-SIM
Terphenyl-d14	83		44	115	1	%		11/16/06	SW846 3510C	8270C-SIM

PCB

Prep Date: 11/16/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Aroclor 1221	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Aroclor 1232	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Aroclor 1242	0.23	U	0.23	0.94	1	ug/L	*	11/29/06	SW846 3510C	SW846 8082
Aroclor 1248	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Aroclor 1254	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Aroclor 1260	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Total PCBs	0.23	U	0.23	0.94	1	ug/L		11/29/06	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	79		42	122	1	%		11/29/06	SW846 3510C	SW846 8082
Decachlorobiphenyl	87		10	128	1	%		11/29/06	SW846 3510C	SW846 8082

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Analytical Report Number: 878333

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-102

Matrix Type : WATER
Collection Date : 11/09/06
Report Date : 12/06/06
Lab Sample Number : 878333-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	400000		63	500	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Antimony - Dissolved	8.9	B	2.4	100	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Arsenic - Dissolved	5600		1.3	10	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Barium - Dissolved	1.9	B	1.8	10	10	ug/L	A	11/21/06	SW846 3020A	SW846 6020
Beryllium - Dissolved	29		1.0	10	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Boron - Dissolved	220		12	100	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Cadmium - Dissolved	49		1.4	10	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Calcium - Dissolved	320000		130	5000	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Chromium - Dissolved	8000		3.2	10	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Cobalt - Dissolved	6400		0.26	10	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Copper - Dissolved	10000		1.5	10	10	ug/L		11/21/06	SW846 3020A	6020/2340B
Hardness - Dissolved	2100		1.5	20	10	mg/L		11/21/06	SW846 3020A	6020/2340B
Iron - Dissolved	5.1E+6		1900	10000	200	ug/L		11/27/06	SW846 3020A	SW846 6020
Lead - Dissolved	6.2	B	0.49	10	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Lithium - Dissolved	450		0.070	0.24	1	ug/L		11/22/06	EPA 3020	EPA 6020
Magnesium - Dissolved	320000		46	5000	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Manganese - Dissolved	17000		12	100	100	ug/L		11/22/06	SW846 3020A	SW846 6020
Molybdenum - Dissolved	61	U	61	100	100	ug/L		11/22/06	SW846 3020A	SW846 6020
Nickel - Dissolved	14000		3.2	10	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Potassium - Dissolved	57	U	57	5000	10	ug/L	C	11/21/06	SW846 3020A	SW846 6020
Selenium - Dissolved	21		6.7	10	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Silver - Dissolved	0.34	U	0.34	5.0	10	ug/L	C	11/21/06	SW846 3020A	SW846 6020
Sodium - Dissolved	4100	B	170	5000	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Thallium - Dissolved	0.53	U	0.53	10	10	ug/L	C	11/21/06	SW846 3020A	SW846 6020
Vanadium - Dissolved	220		1.0	10	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Zinc - Dissolved	5800		9.8	100	10	ug/L		11/21/06	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	9.6		0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E

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Analytical Report Number: 878333

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-104

Matrix Type : WATER
Collection Date : 11/09/06
Report Date : 12/06/06
Lab Sample Number : 878333-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Mercury - Low Level - Dissolved	1.4		0.18	0.50	1	ng/L		11/16/06	EPA 1631E	EPA 1631E
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/21/06	EPA 335.4	EPA 335.4
Sulfide	2.5	U	2.5	5.0	1	mg/L		11/15/06	EPA 376.1	EPA 376.1

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Analytical Report Number: 878333

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-102

Matrix Type : WATER
Collection Date : 11/09/06
Report Date : 12/06/06
Lab Sample Number : 878333-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Bicarbonate Alkalinity	1.7	U	1.7	10	1	mg/L	X	11/17/06	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L	X	11/17/06	SM 2320B	SM 2320B
Chloride	4.5	B	0.82	5.0	1	mg/L		11/20/06	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		11/21/06	EPA 335.4	EPA 335.4
Fluoride	5.2		0.096	0.50	1	mg/L		11/20/06	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		12/04/06	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.088	U	0.088	0.40	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.56		0.040	0.10	1	mg/L		11/10/06	EPA 300.0	EPA 300.0
Sulfate	13000		770	4000	1000	mg/L		11/20/06	EPA 300.0	EPA 300.0
Total Alkalinity	1.7	U	1.7	10	1	mg/L	X	11/17/06	SM 2320B	SM 2320B

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Analytical Report Number: 878333

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK005

Matrix Type : WATER
Collection Date : 11/09/06
Report Date : 12/06/06
Lab Sample Number : 878333-006

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	6.3	U	6.3	50	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	10	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Arsenic	0.13	U	0.13	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Barium	0.12	B	0.12	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Boron	140		1.2	10	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Cadmium	0.14	U	0.14	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Calcium	79	B	13	500	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Cobalt	0.026	U	0.026	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Copper	1.6		0.15	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Iron	9.3	U	9.3	50	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Lead	0.21	B	0.049	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Lithium	1.6		0.014	0.047	1	ug/L		11/22/06	EPA 3020	EPA 6020
Magnesium	41	B	4.6	500	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Manganese	0.46	B	0.12	1.0	1	ug/L	A	11/22/06	SW846 3020A	SW846 6020
Mercury - Low Level	0.452		0.183	0.183	1	ng/L		11/28/06	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	10	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Nickel	0.32	U	0.32	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Potassium	150	B	5.7	500	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	0.50	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Sodium	2300		17	500	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Vanadium	0.23	B	0.10	1.0	1	ug/L		11/22/06	SW846 3020A	SW846 6020
Zinc	6.6	B	0.98	10	1	ug/L	A	11/22/06	SW846 3020A	SW846 6020

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L	&	11/15/06	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 878333

Client : FOTH & VAN DYKE
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK005

Matrix Type : WATER
Collection Date : 11/09/06
Report Date : 12/06/06
Lab Sample Number : 878333-006

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 11/15/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Methylene Chloride	1.2		0.43	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		11/15/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	74		64	132	1	%		11/15/06	SW846 5030B	SW846 8260B
Toluene-d8	82		73	127	1	%		11/15/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	76		68	122	1	%		11/15/06	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 11/16/06

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0085	U	0.0085	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.0084	U	0.0084	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.019	U	0.019	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.049	1	ug/L	Z	11/16/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.020	U	0.020	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.020	U	0.020	0.049	1	ug/L	Z	11/16/06	SW846 3510C	8270C-SIM
Chrysene	0.020	U	0.020	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.020	U	0.020	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Fluoranthene	0.016	U	0.016	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Fluorene	0.0094	U	0.0094	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.020	U	0.020	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Naphthalene	0.013	U	0.013	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Phenanthrene	0.012	U	0.012	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.049	1	ug/L		11/16/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	53		10	150	1	%		11/16/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	56		20	111	1	%		11/16/06	SW846 3510C	8270C-SIM
Terphenyl-d14	76		44	115	1	%		11/16/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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Green Bay, WI 54302
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Lab Number	TestGroupID	Field ID	Comment
878333-	M-ZN-D	All Samples	A - Analyte is detected in the method blank at a concentration of 3.8 ug/L.
878333-003	M-AG-D	MW-102	C - Elevated detection limit due to matrix effect. When run staight, internal standard was suppressed.
878333-003	M-BA-D	MW-102	A - Analyte is detected in the method blank at a concentration of 0.13 ug/L.
878333-003	M-K-D	MW-102	C - Elevated detection limit due to matrix effect. When run staight, internal standard was suppressed.
878333-003	M-TL-D	MW-102	C - Elevated detection limit due to matrix effect. When run staight, internal standard was suppressed.
878333-005	W-ALK2TOT-W	MW-102	X - Sample is acidic. Alkalinity could not be determined since the sample pH was below 4.5.
878333-006	M-MN-W	FBK005	A - Analyte is detected in the method blank at a concentration of 0.34 ug/L.
878333-006	M-ZN-W	FBK005	A - Analyte is detected in the method blank at a concentration of 3.6 ug/L.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302

Analysis Summary by Laboratory

Test Group Name	878333-001	878333-002	878333-003	878333-004	878333-005	878333-006
ALKALINITY, BICARB/CARB/TOTAL	B	B			B	
ALUMINUM						B
ALUMINUM - DISSOLVED	B	B	B			
ANTIMONY						B
ANTIMONY - DISSOLVED	B	B	B			
ARSENIC						B
ARSENIC - DISSOLVED	B	B	B			
BARIUM						B
BARIUM - DISSOLVED	B	B	B			
BERYLLIUM						B
BERYLLIUM - DISSOLVED	B	B	B			
BORON						B
BORON - DISSOLVED	B	B	B			
CADMIUM						B
CADMIUM - DISSOLVED	B	B	B			
CALCIUM						B
CALCIUM - DISSOLVED	B	B	B			
CHLORIDE	B	B			B	
CHROMIUM						B
CHROMIUM - DISSOLVED	B	B	B			
COBALT						B
COBALT - DISSOLVED	B	B	B			
COPPER						B
COPPER - DISSOLVED	B	B	B			
CYANIDE, TOTAL	B	B		B	B	
FLUORIDE	B	B			B	
HARDNESS - DISSOLVED	B	B	B			
IRON						B
IRON - DISSOLVED	B	B	B			
LEAD						B
LEAD - DISSOLVED	B	B	B			
LITHIUM						M
LITHIUM - DISSOLVED	M	M	M			
MAGNESIUM						B
MAGNESIUM - DISSOLVED	B	B	B			
MANGANESE						B
MANGANESE - DISSOLVED	B	B	B			
MERCURY - LOW LEVEL						K
MERCURY - LOW LEVEL - DISSOLVE	K	K	K	K		
MOLYBDENUM						B
MOLYBDENUM - DISSOLVED	B	B	B			

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302

Analysis Summary by Laboratory

Test Group Name	878333-001	878333-002	878333-003	878333-004	878333-005	878333-006
NICKEL						B
NICKEL - DISSOLVED	B	B	B			
NITROGEN, AMMONIA	M	M			M	
NITROGEN, NITRATE	B	B			B	
NITROGEN, NITRITE	B	B			B	
PAH/PNA	B	B				B
PCB	K	K				
POTASSIUM						B
POTASSIUM - DISSOLVED	B	B	B			
SELENIUM						B
SELENIUM - DISSOLVED	B	B	B			
SILVER						B
SILVER - DISSOLVED	B	B	B			
SODIUM						B
SODIUM - DISSOLVED	B	B	B			
SULFATE	B	B			B	
SULFIDE	B	B		B		
THALLIUM						B
THALLIUM - DISSOLVED	B	B	B			
VANADIUM						B
VANADIUM - DISSOLVED	B	B	B			
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G				G
ZINC						B
ZINC - DISSOLVED	B	B	B			

Code	Facility	Address	MI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	Not Certified
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	Not Certified
K	Kimberly Laboratory	1090 Kennedy Ave. Kimberly, WI 54136	Not Certified
M	Minnesota Laboratory	1700 Elm Street, Suite 200 Minneapolis, MN	Not Certified

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch Number: 878333
Lab Section: METALS-K
QC Batch Number: 16318
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-034	MBMTK0966-034
MB2	MB2WMTK0966-034	MB2WMTK0966-034
MB3	MB3WMTK0966-034	MB3WMTK0966-034
IPR	IPRWMTK0966-034	IPRWMTK0966-034
OPR	OPRWMTK0966-034	OPRWMTK0966-034
MS	878271-005MS	878271-005MS
MS	878271-003MS	878271-003MS
MSD	878271-005MSD	878271-005MSD
MSD	878271-003MSD	878271-003MSD

Client Sample ID	Lab Sample ID	Client Sample ID	Lab Sample ID
KMW-3	878333-001	DUP005	878333-002
MW-102	878333-003	MW-104	878333-004

Test Name	Method Blank Result Conc	Method Blank 2 Result Conc	Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Diss	0.49	0.25	0.21	5	4.5	90.8	4.5	90.8	79	121	878271-003	1.2	5.0	5.9	94.0		5.0	5.8	92.4		1.4		75	125	24
Mercury - Low Level - Diss											878271-005	0.60	5.0	5.3	94.6		5.0	5.3	94.0		0.6		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/6/2006
QC Batch Number: 16318

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch Number: 878333
Lab Section: METALS-K
QC Batch Number: 16461
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-036	MBMTK0966-036
MB2	MB2WMTK0966-036	MB2WMTK0966-036
MB3	MB3WMTK0966-036	MB3WMTK0966-036
IPR	IPRWMTK0966-036	IPRWMTK0966-036
OPR	OPRWMTK0966-036	OPRWMTK0966-036
MS	878412-003MS	878412-003MS
MS	878377-001MS	878377-001MS
MSD	878412-003MSD	878412-003MSD
MSD	878377-001MSD	878377-001MSD

Client Sample ID FBK005 **Lab Sample ID** 878333-006 **Client Sample ID** **Lab Sample ID**

Test Name	Method Blank Result Conc	Method Blank 2 Result Conc	Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.292	0.1903	0.1876	5	5.43	108.6	5.077	101.5	79	121	878377-001	11.2	50.0	69	115.6		50.0	68.2	114.1		1.1		75	125	24
Mercury - Low Level											878412-003	87.83	100.0	196.5	108.6		100.0	197.7	109.9		0.6		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/6/2006
QC Batch Number: 16461

Sample Condition Upon Receipt

Pace Analytical

Client Name: North Jackson Co Project # 878333

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Optional: Proj. Due Date: Proj. Name:

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: JTB Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 0 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C Comments:

Date and Initials of person examining contents: LM 11-10-06 (i.i. 11/10/06)

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. Nitrate, Nitrite
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13. #005 1-250mL NaOH needs to be adjusted 11-10-06 1133 LM
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☒No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed: LM Lot # of added preservative:
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☐Yes ☒No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Acct for TN **Date:** 12/7/06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Company Name:	North Jackson Co.
Branch/Location:	Marquette, MI
Project Contact:	
Phone:	906-225-6787
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Andrew Maracini / Richard Eagle
Sampled By (Sign):	Richard R Eagle
PO #:	Regulatory Program:

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www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

COC No. 015110

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other (Zn AC)

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	FVD
Mail To Address:	Green Bay, WI
Invoice To Contact:	SAME
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	KMW-3	11/4/06	1210	W	N	A	5 1 3 1 2 1 1		3-1L 2-500mL 6-250mL 3-40mL	
002	DUP005	11/4/06	—	W	N	A	5 1 3 1 2 1 1		↓	
003	MW-102	↓	1045	W	Y	B	1 2		2-500mL 1-250mL	
004	MW-104		0950	W	Y	C	1 1 1		1-500mL 2-250mL	
005	MW-102		1625	W	Y	D	2 1 1		4-250mL	
006	FBK005	↓	0830	W	N	G	3 3 2		3-1L 2-500mL 1-250mL 3-40mL	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard R Eagle	13:30	Fed Ex	11-10-06 1000
Fed Ex	11-10-06 1000	L. Anne Markham	11-10-06 1000

PACE Project No.
878333

Receipt Temp = 0 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878333
Lab Section: BNASIM
QC Batch Number: 16185
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog1945-74MB	svog1945-74MB
LCS	svog1945-74LCS	svog1945-74LCS
LCSD	svog1945-74LCSD	svog1945-74LCSD

Client Sample ID	Lab Sample ID	MB ID
KMW-3	878333-001	MB
FBK005	878333-006	MB

Client Sample ID	Lab Sample ID	MB ID
DUP005	878333-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.18	88		0.20	0.16	82		6.5			40	126	23	---	---	---	---	---		---	---	---		---			---	---	---
Acenaphthylene	<	0.0086	0.20	0.17	86		0.20	0.16	80		7.3			39	127	24	---	---	---	---	---		---	---	---		---			---	---	---
Anthracene	<	0.012	0.20	0.22	110		0.20	0.17	87		24.2			39	139	27	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(a)anthracene	<	0.017	0.20	0.19	93		0.20	0.18	90		2.6			48	146	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(a)pyrene	<	0.019	0.20	0.19	97		0.20	0.2	99		2.1			61	136	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.2	98		0.20	0.19	94		4.7			51	141	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(ghi)perylene	<	0.02	0.20	0.19	94		0.20	0.19	94		0.2			57	136	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.21	106		0.20	0.21	105		0.9			61	149	20	---	---	---	---	---		---	---	---		---			---	---	---
Chrysene	<	0.02	0.20	0.21	107		0.20	0.2	101		6.1			61	150	20	---	---	---	---	---		---	---	---		---			---	---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.19	94		0.20	0.19	95		0.8			46	150	20	---	---	---	---	---		---	---	---		---			---	---	---
Fluoranthene	<	0.016	0.20	0.22	112		0.20	0.2	100		11.0			48	145	20	---	---	---	---	---		---	---	---		---			---	---	---
Fluorene	<	0.0096	0.20	0.18	92		0.20	0.17	87		5.4			40	131	25	---	---	---	---	---		---	---	---		---			---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.18	90		0.20	0.19	93		3.5			54	143	20	---	---	---	---	---		---	---	---		---			---	---	---
Naphthalene	<	0.013	0.20	0.17	85		0.20	0.16	79		7.6			45	131	30	---	---	---	---	---		---	---	---		---			---	---	---
Phenanthrene	<	0.012	0.20	0.2	99		0.20	0.19	94		5.2			40	131	25	---	---	---	---	---		---	---	---		---			---	---	---
Pyrene	<	0.015	0.20	0.19	95		0.20	0.18	91		4.9			55	135	20	---	---	---	---	---		---	---	---		---			---	---	---
Nitrobenzene-d5		69%	---	---	68		---	---	63		---			10	150	---	---	---	---	---	---		---	---	---		---			---	---	---
2-Fluorobiphenyl		72%	---	---	72		---	---	70		---			20	111	---	---	---	---	---	---		---	---	---		---			---	---	---
Terphenyl-d14		82%	---	---	83		---	---	78		---			44	115	---	---	---	---	---	---		---	---	---		---			---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 16185

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878333
Lab Section: METALS
QC Batch Number: 16251
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG1978-84	MBWMTG1978-84
LCS	LCSWMTG1978-84	LCSWMTG1978-84
MS	878389-001MS	878389-001MS
MSD	878389-001MSD	878389-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK005	878333-006	MB			

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	<	6.3	10000	9721	97.2		---	---	---		---		75	125	20	878389-001	<	6.3	10000	9044	90.4		10000	8644	86.4		4.5		75	125	20
Antimony	<	0.24	200.0	208.9	104.4		---	---	---		---		75	125	20	878389-001		0.3200	200.0	207.3	103.5		200.0	206.5	103.1		0.4		75	125	20
Arsenic	<	0.13	200.0	200.9	100.4		---	---	---		---		75	125	20	878389-001		2.860	200.0	202.7	99.9		200.0	207.3	102.2		2.2		75	125	20
Barium	<	0.12	200.0	194.7	97.3		---	---	---		---		75	125	20	878389-001		94.99	200.0	308.1	106.6		200.0	304.4	104.7		1.2		75	125	20
Beryllium	<	0.1	200.0	184.6	92.3		---	---	---		---		75	125	20	878389-001	<	0.1	200.0	138.1	69.1	N	200.0	134.2	67.1	N	2.9		75	125	20
Boron	<	1.2	200.00	185.7	92.8		---	---	---		---		75	125	20	878389-001		1955.0	200.00	2000	22.5	+	200.00	1968	6.5	+	1.6		75	125	20
Cadmium	<	0.12	200.0	198.6	99.3		---	---	---		---		75	125	20	878389-001	<	0.12	200.0	170.6	85.3		200.0	172	86.0		0.8		75	125	20
Calcium	<	13	10000	9778	97.8		---	---	---		---		75	125	20	878389-001		280000	10000	320000	346.0	+	10000	300000	236.0	+	3.6		75	125	20
Chromium	<	0.32	200.0	201.9	100.9		---	---	---		---		75	125	20	878389-001		1.060	200.0	192.4	95.7		200.0	189.1	94.0		1.7		75	125	20
Cobalt	<	0.026	200.0	197.9	98.9		---	---	---		---		75	125	20	878389-001		1.330	200.0	173.2	85.9		200.0	171.5	85.1		1.0		75	125	20
Copper	<	0.15	200.0	195.3	97.7		---	---	---		---		75	125	20	878389-001		27.32	200.0	190.6	81.6		200.0	190.4	81.5		0.1		75	125	20
Iron	<	9.3	10000	10070	100.7		---	---	---		---		75	125	20	878389-001		374.70	10000	9159	87.8		10000	8944	85.7		2.4		75	125	20
Lead	<	0.049	200.0	191.3	95.7		---	---	---		---		75	125	20	878389-001	<	0.049	200.0	216.5	108.2		200.0	217.4	108.7		0.4		75	125	20
Magnesium	<	4.6	10000	9754	97.5		---	---	---		---		75	125	20	878389-001		150000	10000	170000	221.0	+	10000	170000	200.0	+	1.3		75	125	20
Manganese	J	0.34	200.0	199.5	99.8		---	---	---		---		75	125	20	878389-001		34.86	200.0	220.2	92.7		200.0	216.9	91.0		1.5		75	125	20
Molybdenum	<	0.61	200.0	196	98.0		---	---	---		---		75	125	20	878389-001		11.68	200.0	212	100.2		200.0	208.4	98.4		1.7		75	125	20
Nickel	<	0.32	200.0	195	97.5		---	---	---		---		75	125	20	878389-001		100.7	200.0	261.4	80.3		200.0	257.7	78.5		1.4		75	125	20
Potassium	<	5.7	10000.0	9954	99.5		---	---	---		---		75	125	20	878389-001		11620.0	10000.0	21700	100.8		10000.0	20770	91.5		4.4		75	125	20
Selenium	<	0.67	200.0	200.4	100.2		---	---	---		---		75	125	20	878389-001		12.41	200.0	198.2	92.9		200.0	199.8	93.7		0.8		75	125	20
Silver	<	0.034	100	96	96.0		---	---	---		---		75	125	20	878389-001	<	0.034	100	84.1	84.1		100	84	83.9		0.1		75	125	20
Sodium	<	17	10000	9715	97.2		---	---	---		---		75	125	20	878389-001		830000	10000	920000	939.0	+	10000	900000	706.0	+	2.6		75	125	20
Thallium	<	0.053	200.0	185.1	92.6		---	---	---		---		75	125	20	878389-001		1.570	200.0	210.8	104.6		200.0	212.2	105.3		0.7		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 16251

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/ LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/ MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Vanadium	<	0.1	200.0	197.9	98.9		---	---	---		---		75	125	20	878389-001	3.400	200.0	203.2	99.9		200.0	199.1	97.8		2.0		75	125	20
Zinc	J	3.6	200.0	198.5	99.2		---	---	---		---		75	125	20	878389-001	9.260	200.0	167.2	79.0		200.0	170.5	80.6		2.0		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 16251

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878333
Lab Section: METALS
QC Batch Number: 16254
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBDMTG1978-83	MBDMTG1978-83
LCS	LCSDMTG1978-83	LCSDMTG1978-83
MS	878388-001MS	878388-001MS
MSD	878388-001MSD	878388-001MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-3	878333-001	MB
MW-102	878333-003	MB

Client Sample ID	Lab Sample ID	MB ID
DUP005	878333-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum - Dissolved	J	6.5	10000.0	10500	105.0		---	---	---		---		75	125	20	878388-001		63.1900	10000.0	10080	100.2		10000.0	9881	98.2		2.0		75	125	20
Antimony - Dissolved	<	0.24	200.0	223.3	111.7		---	---	---		---		75	125	20	878388-001		0.5200	200.0	220.4	109.9		200.0	223.2	111.3		1.3		75	125	20
Arsenic - Dissolved	<	0.13	200.0	212.6	106.3		---	---	---		---		75	125	20	878388-001		4.520	200.0	218.9	107.2		200.0	217.8	106.6		0.5		75	125	20
Barium - Dissolved	J	0.13	200.0	217.1	108.6		---	---	---		---		75	125	20	878388-001		43.16	200.0	266.6	111.7		200.0	266.1	111.5		0.2		75	125	20
Beryllium - Dissolved	<	0.1	200.0	191.2	95.6		---	---	---		---		75	125	20	878388-001	<	0.1	200.0	182.1	91.1		200.0	176.3	88.2		3.2		75	125	20
Boron - Dissolved	<	1.2	200.0	196.5	98.2		---	---	---		---		75	125	20	878388-001		433.8	200.0	606.7	86.4		200.0	586.1	77.2		3.1		75	125	20
Cadmium - Dissolved	<	0.14	200.0	213.4	106.7		---	---	---		---		75	125	20	878388-001	<	0.14	200.0	197.4	98.7		200.0	196.3	98.2		0.6		75	125	20
Calcium - Dissolved	<	13	10000.0	10430	104.3		---	---	---		---		75	125	20	878388-001		88540.0	10000.0	98970	104.3	+	10000.0	97780	92.4	+	1.2		75	125	20
Chromium - Dissolved	<	0.32	200.0	217.6	108.8		---	---	---		---		75	125	20	878388-001		9.650	200.0	221	105.7		200.0	217.3	103.8		1.7		75	125	20
Cobalt - Dissolved	<	0.026	200.0	217.1	108.6		---	---	---		---		75	125	20	878388-001		1.200	200.0	202.8	100.8		200.0	201	99.9		0.9		75	125	20
Copper - Dissolved	<	0.15	200.0	217.1	108.6		---	---	---		---		75	125	20	878388-001		8.380	200.0	203.2	97.4		200.0	198.7	95.2		2.2		75	125	20
Iron - Dissolved	<	9.3	10000	10930	109.3		---	---	---		---		75	125	20	878388-001		190.90	10000	9732	95.4		10000	9659	94.7		0.8		75	125	20
Lead - Dissolved	<	0.049	200.0	201.1	100.6		---	---	---		---		75	125	20	878388-001		0.1100	200.0	210.5	105.2		200.0	218.1	109.0		3.5		75	125	20
Magnesium - Dissolved	<	4.6	10000.0	10190	101.9		---	---	---		---		75	125	20	878388-001		61010.0	10000.0	72550	115.4	+	10000.0	72270	112.6	+	0.4		75	125	20
Manganese - Dissolved	<	0.12	200.0	210.9	105.4		---	---	---		---		75	125	20	878388-001		17.68	200.0	221.3	101.8		200.0	211.4	96.9		4.6		75	125	20
Molybdenum - Dissolved	<	0.61	200.0	212.5	106.2		---	---	---		---		75	125	20	878388-001		20.04	200.0	231.8	105.9		200.0	232.3	106.1		0.2		75	125	20
Nickel - Dissolved	<	0.32	200.0	215.7	107.8		---	---	---		---		75	125	20	878388-001		94.36	200.0	288.8	97.2		200.0	282.8	94.2		2.1		75	125	20
Potassium - Dissolved	<	5.7	10000.0	10630	106.3		---	---	---		---		75	125	20	878388-001		8592.00	10000.0	19240	106.5		10000.0	19290	107.0		0.3		75	125	20
Selenium - Dissolved	<	0.67	200.0	212.6	106.3		---	---	---		---		75	125	20	878388-001		4.670	200.0	209.9	102.6		200.0	205.9	100.6		1.9		75	125	20
Silver - Dissolved	<	0.034	100	98.7	98.7		---	---	---		---		75	125	20	878388-001	<	0.034	100	85.3	85.3		100	85.8	85.8		0.6		75	125	20
Sodium - Dissolved	<	17	10000	10120	101.2		---	---	---		---		75	125	20	878388-001		210000	10000	230000	164.0	+	10000	220000	136.0	+	1.3		75	125	20
Thallium - Dissolved	<	0.053	200.0	193.1	96.6		---	---	---		---		75	125	20	878388-001		0.2400	200.0	202.4	101.1		200.0	211	105.4		4.2		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 16254

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Vanadium - Dissolved	<	0.1	200.0	211.2	105.6		---	---	---		---		75	125	20	878388-001	10.13	200.0	222.9	106.4		200.0	220.9	105.4		0.9		75	125	20
Zinc - Dissolved	J	3.8	200.0	209.2	104.6		---	---	---		---		75	125	20	878386-001	13.09	200.0	193.9	90.4		200.0	193.3	90.1		0.3		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 16254

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878333
Lab Section: METALS-K
QC Batch Number: 16318
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-034	MBMTK0966-034
IPR	IPRWMTK0966-034	IPRWMTK0966-034
OPR	OPRWMTK0966-034	OPRWMTK0966-034
MS	878271-005MS	878271-005MS
MS	878271-003MS	878271-003MS
MSD	878271-005MSD	878271-005MSD
MSD	878271-003MSD	878271-003MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-3	878333-001	MB
MW-102	878333-003	MB

Client Sample ID	Lab Sample ID	MB ID
DUP005	878333-002	MB
MW-104	878333-004	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Dissol	0.49	0	---	---		---	---	---		---		---	---	---	878271-003	1.2	5.0	5.9	94.0		5.0	5.8	92.4		1.4		75	125	24
Mercury - Low Level - Dissol	0.49	0	---	---		---	---	---		---		---	---	---	878271-005	0.60	5.0	5.3	94.6		5.0	5.3	94.0		0.6		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 16318

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878333
Lab Section: METALS-K
QC Batch Number: 16461
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-036	MBMTK0966-036
IPR	IPRWMTK0966-036	IPRWMTK0966-036
OPR	OPRWMTK0966-036	OPRWMTK0966-036
MS	878412-003MS	878412-003MS
MS	878377-001MS	878377-001MS
MSD	878412-003MSD	878412-003MSD
MSD	878377-001MSD	878377-001MSD

Client Sample ID: FBK005 Lab Sample ID: 878333-006 MB ID: MB

Client Sample ID Lab Sample ID MB ID

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level	0.292	0	---	---		---	---	---		---		---	---	---	878377-001	11.2	50.0	69	115.6		50.0	68.2	114.1		1.1		75	125	24
Mercury - Low Level	0.292	0	---	---		---	---	---		---		---	---	---	878412-003	87.83	100.0	196.5	108.6		100.0	197.7	109.9		0.6		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 16461

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878333
Lab Section: PCB-K
QC Batch Number: 16155
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-017PCBMB	SVG2057-017PCBMB
LCS	SVG2057-017PCBLCS	SVG2057-017PCBLCS
LCSD	SVG2057-017PCBLCSD	SVG2057-017PCBLCSD

Client Sample ID	Lab Sample ID	MB ID
KMW-3	878333-001	MB
DUP005	878333-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1221	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1232	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1242	<	0.24	5.0	4.2	84		5.0	5.3	107		24.1	*		47	138	20	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1248	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1254	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1260	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Total PCBs	<	0.24	---	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Tetrachloro-m-xylene		79%	---	---	61		---	---	81		---			42	122	---	---	---	---	---	---		---	---	---		---		---	---	---
Decachlorobiphenyl		50%	---	---	38		---	---	67		---			10	128	---	---	---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 16155

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878333
Lab Section: VOA
QC Batch Number: 16105
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2086-02MB	vog2086-02MB
LCS	vog2086-02LCS	vog2086-02LCS
LCSD	vog2086-02LCSD	vog2086-02LCSD
MS	KMW-3MS	878333-001MS
MSD	KMW-3MSD	878333-001MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-3	878333-001	MB
FBK005	878333-006	MB

Client Sample ID	Lab Sample ID	MB ID
DUP005	878333-002	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	< 0.9	50.0	47	94		50.0	46.8	94		0.4		75	128	20	878333-001	< 0.9	50.0	48	96		50.0	48	96		0.0		70	130	30
1,1,2,2-Tetrachloroethane	< 0.2	50.0	43.6	87		50.0	45.5	91		4.2		67	125	20	878333-001	< 0.2	50.0	45.3	91		50.0	46	92		1.6		70	130	30
1,1,2-Trichloroethane	< 0.42	50.0	46.2	92		50.0	47.3	95		2.2		75	125	20	878333-001	< 0.42	50.0	47.2	94		50.0	48.9	98		3.5		70	130	30
1,1-Dichloroethane	< 0.75	50.0	43.2	86		50.0	44.7	89		3.4		71	130	20	878333-001	< 0.75	50.0	43.2	86		50.0	44	88		1.7		70	130	30
1,1-Dichloroethene	< 0.57	50.0	48.2	96		50.0	48.8	98		1.3		75	125	20	878333-001	< 0.57	50.0	45.4	91		50.0	45	90		0.8		70	135	30
1,2-Dichloroethane	< 0.36	50.0	47.3	95		50.0	47.8	96		1.0		71	132	20	878333-001	< 0.36	50.0	47.2	94		50.0	47.4	95		0.4		70	130	30
1,2-Dichloroethene, Total	< 1.4	100	92.1	92		100	93.5	94		1.6		75	125	20	878333-001	< 1.4	100	92.9	93		100	91.4	91		1.6		70	130	30
1,2-Dichloropropane	< 0.46	50.0	45.6	91		50.0	46	92		1.0		73	125	20	878333-001	< 0.46	50.0	46	92		50.0	45.9	92		0.2		70	130	30
2-Butanone	< 4.3	50.0	46	92		50.0	43.7	87		5.1		59	130	20	878333-001	< 4.3	50.0	43	86		50.0	43.5	87		1.1		51	130	30
2-Hexanone	< 1.1	50.0	42.2	84		50.0	41.6	83		1.5		51	125	20	878333-001	< 1.1	50.0	43.8	88		50.0	45	90		2.7		53	130	30
4-Methyl-2-pentanone	< 1.2	50.0	43.7	87		50.0	44.2	88		1.1		59	125	20	878333-001	< 1.2	50.0	45.8	92		50.0	47	94		2.7		62	130	30
Acetone	< 2.3	50.0	39.2	78		50.0	39.6	79		1.2		31	150	20	878333-001	< 2.3	50.0	40.8	82		50.0	41.5	83		1.7		42	132	30
Benzene	< 0.41	50.0	44.8	90		50.0	45.1	90		0.8		75	125	20	878333-001	< 0.41	50.0	45.5	91		50.0	44.8	90		1.5		70	130	30
Bromodichloromethane	< 0.56	50.0	52	104		50.0	53	106		1.9		75	125	20	878333-001	< 0.56	50.0	52.6	105		50.0	53	106		0.8		70	130	30
Bromoform	< 0.94	50.0	44.9	90		50.0	48.1	96		7.0		75	125	20	878333-001	< 0.94	50.0	44.6	89		50.0	46.6	93		4.4		70	130	30
Bromomethane	< 0.91	50.0	26.9	54	&	50.0	31.9	64	&	17.2		66	125	20	878333-001	< 0.91	50.0	31.2	62	N	50.0	32.6	65		4.3		63	147	30
Carbon Disulfide	< 0.66	50.0	38.7	77		50.0	43.1	86		10.6		71	128	20	878333-001	< 0.66	50.0	40.1	80		50.0	38.5	77		4.1		56	142	30
Carbon Tetrachloride	< 0.49	50.0	47.4	95		50.0	49.6	99		4.6		75	125	20	878333-001	< 0.49	50.0	47.5	95		50.0	48.9	98		2.9		70	131	30
Chlorobenzene	< 0.41	50.0	49.5	99		50.0	48.5	97		1.9		75	125	20	878333-001	< 0.41	50.0	50.3	101		50.0	50.4	101		0.1		70	130	30
Chlorodibromomethane	< 0.81	50.0	53.1	106		50.0	55.2	110		3.9		75	125	20	878333-001	< 0.81	50.0	52.8	106		50.0	54	108		2.2		70	130	30
Chloroethane	< 0.97	50.0	42.1	84		50.0	43.3	87		2.9		72	126	20	878333-001	< 0.97	50.0	43.6	87		50.0	42.7	85		2.0		67	138	30
Chloroform	< 0.37	50.0	46.3	93		50.0	46.6	93		0.6		75	125	20	878333-001	< 0.37	50.0	47.4	95		50.0	46.5	93		1.8		70	130	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 16105

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloromethane	<	0.24	50.0	36.4	73		50.0	38.6	77		5.8		46	143	20	878333-001	<	0.24	50.0	38	76		50.0	37.8	76		0.5		43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	43.4	87		50.0	44.2	88		1.9		75	125	20	878333-001	<	0.19	50.0	44.8	90		50.0	44.4	89		0.7		70	130	30
Ethylbenzene	<	0.54	50.0	50.8	102		50.0	49.9	100		1.8		75	125	20	878333-001	<	0.54	50.0	44.9	90		50.0	45.2	90		0.7		70	136	30
Methylene Chloride	<	0.43	50.0	47.6	95		50.0	47.1	94		1.0		75	125	20	878333-001	<	0.43	50.0	47.5	95		50.0	46.8	94		1.6		70	130	30
Styrene	<	0.86	50.0	52.3	105		50.0	51.7	103		1.1		75	125	20	878333-001	<	0.86	50.0	17.4	35	N	50.0	18.2	36	N	4.2		70	130	30
Tetrachloroethene	<	0.45	50.0	52.1	104		50.0	51.8	104		0.7		75	130	20	878333-001	<	0.45	50.0	53.5	107		50.0	53.2	106		0.5		70	130	30
Toluene	<	0.67	50.0	49	98		50.0	48.7	97		0.7		75	125	20	878333-001	<	0.67	50.0	44.6	89		50.0	45	90		0.7		70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	44.4	89		50.0	45.2	90		1.7		75	125	20	878333-001	<	0.19	50.0	44.8	90		50.0	44.8	90		0.1		70	130	30
Trichloroethene	<	0.48	50.0	50.8	102		50.0	49.8	100		2.0		75	125	20	878333-001	<	0.48	50.0	50.8	102		50.0	51	102		0.3		70	130	30
Vinyl Chloride	<	0.18	50.0	39.6	80		50.0	41.2	82		3.4		65	130	20	878333-001	<	0.18	50.0	39.6	79		50.0	39.5	79		0.1		62	138	30
Xylene, Total	<	2.6	150.0	153.7	102		150.0	150.1	100		2.4		75	125	20	878333-001	<	2.6	150.0	108.6	72		150.0	110.4	74		1.6		70	130	30
4-Bromofluorobenzene		76%	---	---	76		---	---	75		---		64	132	---	878333-001		74%	---	---	75		---	---	76		---		64	132	---
Toluene-d8		83%	---	---	82		---	---	82		---		73	127	---	878333-001		74%	---	---	78		---	---	78		---		73	127	---
Dibromofluoromethane		76%	---	---	75		---	---	79		---		68	122	---	878333-001		78%	---	---	78		---	---	76		---		68	122	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 16105

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878333
Lab Section: WETCHEM
QC Batch Number: 16096
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2081-003MB	WCG2081-003MB
LCS	WCG2081-003MBLCS	WCG2081-003MBLCS
MS	KMW-3MS	878333-001MS
MSD	KMW-3MSD	878333-001MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-3	878333-001	MB
MW-102	878333-005	MB

Client Sample ID	Lab Sample ID	MB ID
DUP005	878333-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Nitrate	<	0.088	1.6	1.7	103.8		---	---	---		---			90	110	20	878333-001	<	0.088	1.6	1.5	95.6		1.6	1.6	98.1		2.6			90	110	20
Nitrogen, Nitrite	<	0.04	0.80	0.78	97.5		---	---	---		---			90	110	20	878333-001	<	0.04	0.80	0.88	110.0		0.80	0.88	110.0		0.0			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 16096

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878333
Lab Section: WETCHEM
QC Batch Number: 16129
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-062MB	WCG1919-062MB
LCS	WCG1919-062MBLCS	WCG1919-062MBLCS
MS	878371-001MS	878371-001MS
MSD	878371-001MSD	878371-001MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-3	878333-001	MB
MW-104	878333-004	MB

Client Sample ID	Lab Sample ID	MB ID
DUP005	878333-002	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sulfide	<	2.5	50.8	43.6	85.8		---	---	---		---		80	120	20	878371-001	<	2.5	50.8	43.6	85.8		50.8	43.2	85.0		0.9		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 16129

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878333
Lab Section: WETCHEM
QC Batch Number: 16218
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-063MB	WCG1919-063MB
LCS	WCG1919-063MBLCS	WCG1919-063MBLCS
MS	KMW-3MS	878333-001MS
MSD	KMW-3MSD	878333-001MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-3	878333-001	MB
MW-102	878333-005	MB

Client Sample ID	Lab Sample ID	MB ID
DUP005	878333-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	<	10	12.60	13.3	105.2		---	---	---		---			80	120	20	878333-001		101.7	100.0	203.3	101.7		100.0	196.7	95.0		3.3			80	120	20
Carbonate Alkalinity	<	10	0	---	---		---	---	---		---			---	---	---	878333-001	<	1.7	---	---	---		---	---	---		---			---	---	---
Carbonate Alkalinity	<	10	---	---	---		---	---	---		---			---	---	---	878333-001	<	1.7	---	---	---		---	---	---		---			---	---	---
Total Alkalinity	<	10	12.60	13.3	105.2		---	---	---		---			80	120	20	878333-001		101.7	100.0	203.3	101.7		100.0	197	95.3		3.2			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 16218

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 878333
Lab Section: WETCHEM
QC Batch Number: 16253
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2081-016MB	WCG2081-016MB
LCS	WCG2081-016MBLCS	WCG2081-016MBLCS
MS	878519-008MS	878519-008MS
MS	878345-002MS	878345-002MS
MSD	878519-008MSD	878519-008MSD
MSD	878345-002MSD	878345-002MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-3	878333-001	MB
MW-102	878333-005	MB

Client Sample ID	Lab Sample ID	MB ID
DUP005	878333-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	0.82	20.0	18.7	93.4		---	---	---		---			90	110	20	878345-002		6.45	20.0	22.4	79.9	N	20.0	22.6	80.5	N	0.5			90	110	20
Fluoride	<	0.096	2.0	1.9	97.0		---	---	---		---			90	110	20	878345-002	<	0.096	2.0	1.8	89.5		2.0	1.8	91.0		1.7			90	110	20
Sulfate	<	0.77	16.0	14.6	91.4		---	---	---		---			90	110	20	878345-002		6.23	16.0	19.8	85.0	N	16.0	19.9	85.7	N	0.6			90	110	20
Chloride	<	0.82	20.0	18.7	93.4		---	---	---		---			90	110	20	878519-008		2.54	20.0	17.6	75.1	N	20.0	17.8	76.1	N	1.1			90	110	20
Sulfate	<	0.77	16.0	14.6	91.4		---	---	---		---			90	110	20	878519-008		1.77	16.0	14.5	79.6	N	16.0	14.6	80.4	N	1.0			90	110	20

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Report Date: 9/4/2007
QC Batch Number: 16253

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 878333
Lab Section: WETCHEM
QC Batch Number: 16288
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2073-050MB	WCG2073-050MB
LCS	WCG2073-050MBLCS	WCG2073-050MBLCS
MS	878483-001MS	878483-001MS
MS	878326-001MS	878326-001MS
MSD	878483-001MSD	878483-001MSD
MSD	878326-001MSD	878326-001MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-3	878333-001	MB
MW-104	878333-004	MB

Client Sample ID	Lab Sample ID	MB ID
DUP005	878333-002	MB
MW-102	878333-005	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Cyanide, Total	< 0.0094	0.10	0.09	90.0		---	---	---		---		90	110	20	878326-001	< 0.0094	0.10	0.095	94.9		0.10	0.096	96.2		1.4		90	110	20
Cyanide, Total	< 0.0094	0.10	0.09	90.0		---	---	---		---		90	110	20	878483-001	< 0.0094	0.10	0.092	91.6		0.10	0.093	92.8		1.3		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 16288

March 2007

Batch No. 881288

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

March 21, 2007

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 881288 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Alle dlm for Tod N

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 881288

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
881288-001	TRIP BLANK	WATER	03/05/07
881288-002	FBK-001	WATER	03/05/07 12:00
881288-003	MW-101	WATER	03/05/07 14:30
881288-004	P-602	WATER	03/05/07 11:55
881288-005	MW-602	WATER	03/05/07 12:50
881288-006	DUP-002	WATER	03/05/07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alee for TodN — Approval Signature

3/22/07 — Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881288

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	1.5		0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	102		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	110		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	111		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881288

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : FBK-001

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	6.3	U	6.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Arsenic	0.13	U	0.13	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Barium	0.15	B	0.12	1.0	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Boron	210		1.2	10	1	ug/L		03/13/07	SW846 3020A	SW846 6020
Cadmium	0.12	U	0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Calcium	13	U	13	500	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Cobalt	0.026	U	0.026	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Copper	0.86	B	0.59	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Hardness	0.15	U	0.15	2.0	1	mg/L		03/11/07	SW846 3020A	6020/2340B
Iron	9.3	U	9.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lead	0.090	B	0.049	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lithium	0.64		0.016	0.053	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium	4.6	U	4.6	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Manganese	0.12	U	0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Mercury - Low Level	0.163	U	0.163	0.163	1	ng/L		03/08/07	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	10	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Nickel	0.32	U	0.32	1.0	1	ug/L		03/13/07	SW846 3020A	SW846 6020
Potassium	19	B	5.7	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	0.50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Sodium	2600		17	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Vanadium	0.29	B	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Zinc	1.7	B	0.98	10	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	4.4	B	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Chloride	3.5	B	1.1	5.0	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.059	U	0.059	0.50	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.15	B	0.085	0.40	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Sulfate	1.5	B	0.51	4.0	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/07/07	EPA 376.1	EPA 376.1
Total Alkalinity	4.4	B	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881288

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : FBK-001

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	102		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	110		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	112		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881288

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-101

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	35	B	6.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	19		0.13	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Barium - Dissolved	73		0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Boron - Dissolved	100		1.2	10	1	ug/L		03/13/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Calcium - Dissolved	32000		13	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Chromium - Dissolved	1.1		0.32	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.18	B	0.026	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Hardness - Dissolved	120		0.15	2.0	1	mg/L		03/11/07	SW846 3020A	6020/2340B
Iron - Dissolved	34000		9.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lithium - Dissolved	0.67		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium - Dissolved	8900		4.6	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Manganese - Dissolved	6200		1.2	10	10	ug/L		03/11/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.1	B	0.61	10	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.62	B	0.32	1.0	1	ug/L		03/13/07	SW846 3020A	SW846 6020
Potassium - Dissolved	3500		5.7	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Sodium - Dissolved	8900		17	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	2.9		0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.740		0.163	0.500	1	ng/L		03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	170		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Chloride	3.6	B	1.1	5.0	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.42	B	0.059	0.50	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.6		0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Sulfate	0.51	U	0.51	4.0	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Sulfide	3.0	B	2.5	5.0	1	mg/L		03/07/07	EPA 376.1	EPA 376.1
Total Alkalinity	170		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881288

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-101

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-003

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.59	J	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	103		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	111		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	109		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.85		0.067	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.13	J	0.066	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Anthracene	0.094	U	0.094	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.13	U	0.13	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.15	U	0.15	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.23	J	0.13	0.38	8	ug/L	Z	03/12/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.16	U	0.16	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.45		0.16	0.38	8	ug/L	Z	03/12/07	SW846 3510C	8270C-SIM
Chrysene	0.15	U	0.15	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.15	U	0.15	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Fluoranthene	0.13	U	0.13	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Fluorene	0.54		0.074	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.15	U	0.15	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881288

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-101

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-003

PAH/PNA

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.98		0.10	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Phenanthrene	0.093	U	0.093	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Pyrene	0.12	U	0.12	0.38	8	ug/L		03/12/07	SW846 3510C	8270C-SIM
Surrogate			LCL	UCL						
Nitrobenzene-d5	93		10	150	8	%		03/12/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	255		20	111	8	%	F	03/12/07	SW846 3510C	8270C-SIM
Terphenyl-d14	280		44	115	8	%	F	03/12/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.11	U	0.11	0.47	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1221	0.11	U	0.11	0.47	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1232	0.11	U	0.11	0.47	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1242	0.11	U	0.11	0.47	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1248	0.11	U	0.11	0.47	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1254	0.11	U	0.11	0.47	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1260	0.11	U	0.11	0.47	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Total PCBs	0.11	U	0.11	0.47	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Surrogate			LCL	UCL						
Tetrachloro-m-xylene	86		42	122	1	%		03/09/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	85		10	128	1	%		03/09/07	SW846 3510C	SW846 8082

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Analytical Report Number: 881288

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : P-602

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	11	B	6.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	7.6		0.13	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Barium - Dissolved	27		0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.13	B	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Boron - Dissolved	37		1.2	10	1	ug/L		03/13/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.16	B	0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Calcium - Dissolved	15000		13	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.50	B	0.32	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.36	B	0.026	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Hardness - Dissolved	71		0.15	2.0	1	mg/L		03/11/07	SW846 3020A	6020/2340B
Iron - Dissolved	4400		9.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.11	B	0.049	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lithium - Dissolved	3.3		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium - Dissolved	8100		4.6	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Manganese - Dissolved	1400		0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	8.4	B	0.61	10	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.50	B	0.32	1.0	1	ug/L		03/13/07	SW846 3020A	SW846 6020
Potassium - Dissolved	2900		5.7	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.11	B	0.034	0.50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Sodium - Dissolved	720		17	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.090	B	0.053	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.39	B	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.637		0.163	0.500	1	ng/L		03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	77		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Chloride	2.6	B	1.1	5.0	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.24	B	0.059	0.50	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Sulfate	2.1	B	0.51	4.0	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/07/07	EPA 376.1	EPA 376.1
Total Alkalinity	77		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
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Analytical Report Number: 881288

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : P-602

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-004

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	104		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	109		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	110		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881288

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-602

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	1.4		0.13	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Barium - Dissolved	22		0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Boron - Dissolved	28		1.2	10	1	ug/L		03/13/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Calcium - Dissolved	9800		13	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.20	B	0.026	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Hardness - Dissolved	51		0.15	2.0	1	mg/L		03/11/07	SW846 3020A	6020/2340B
Iron - Dissolved	8900		9.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lithium - Dissolved	7.0		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium - Dissolved	6500		4.6	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Manganese - Dissolved	4900		0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	5.2	B	0.61	10	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.82	B	0.32	1.0	1	ug/L		03/13/07	SW846 3020A	SW846 6020
Potassium - Dissolved	1900		5.7	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Sodium - Dissolved	610		17	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.32	B	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.364	B	0.163	0.500	1	ng/L		03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	31		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Chloride	2.5	B	1.1	5.0	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.55		0.059	0.50	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Sulfate	35		0.51	4.0	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/07/07	EPA 376.1	EPA 376.1
Total Alkalinity	31		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881288

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-602

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-005

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	102		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	109		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	110		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP-002

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-006

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	7.4		0.13	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Barium - Dissolved	27		0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Boron - Dissolved	37		1.2	10	1	ug/L		03/13/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Calcium - Dissolved	15000		13	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.26	B	0.026	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Hardness - Dissolved	72		0.15	2.0	1	mg/L		03/11/07	SW846 3020A	6020/2340B
Iron - Dissolved	4500		9.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lithium - Dissolved	3.5		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium - Dissolved	8200		4.6	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Manganese - Dissolved	1400		0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	7.7	B	0.61	10	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.38	B	0.32	1.0	1	ug/L		03/13/07	SW846 3020A	SW846 6020
Potassium - Dissolved	2900		5.7	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Sodium - Dissolved	720		17	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.34	B	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.885		0.163	0.500	1	ng/L		03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	77		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Chloride	2.6	B	1.1	5.0	1	mg/L	N	03/06/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.24	B	0.059	0.50	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Sulfate	2.1	B	0.51	4.0	1	mg/L		03/06/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/07/07	EPA 376.1	EPA 376.1
Total Alkalinity	77		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881288

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP-002

Matrix Type : WATER
Collection Date : 03/05/07
Report Date : 03/20/07
Lab Sample Number : 881288-006

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	101		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	108		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	110		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

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Lab Number	TestGroupID	Field ID	Comment
881288	W-SULF-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
881288-	M-ZN-D	All Samples	A - Analyte is detected in the method blank at a concentration of -3.9 ug/L.
881288-	PAH-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
881288-002	M-BA-W	FBK-001	A - Analyte is detected in the method blank at a concentration of 0.17 ug/L.
881288-002	M-CA-W	FBK-001	A - Analyte is detected in the method blank at a concentration of -89 ug/L.
881288-002	M-FE-W	FBK-001	A - Analyte is detected in the method blank at a concentration of -12 ug/L.
881288-002	M-ZN-W	FBK-001	A - Analyte is detected in the method blank at a concentration of -3.9 ug/L.
881288-003	PAH-W	MW-101	F - Surrogate was above control criteria. There was no sample volume available for reextraction and reanalysis.
881288-003	PCB-W	MW-101	Inadequate sample volume received to perform the method required MS/MSD.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	881288-001	881288-002	881288-003	881288-004	881288-005	881288-006
ALKALINITY, BICARB/CARB/TOTAL		B	B	B	B	B
ALUMINUM		B				
ALUMINUM - DISSOLVED			B	B	B	B
ANTIMONY		B				
ANTIMONY - DISSOLVED			B	B	B	B
ARSENIC		B				
ARSENIC - DISSOLVED			B	B	B	B
BARIUM		B				
BARIUM - DISSOLVED			B	B	B	B
BERYLLIUM		B				
BERYLLIUM - DISSOLVED			B	B	B	B
BORON		B				
BORON - DISSOLVED			B	B	B	B
CADMIUM		B				
CADMIUM - DISSOLVED			B	B	B	B
CALCIUM		B				
CALCIUM - DISSOLVED			B	B	B	B
CHLORIDE		B	B	B	B	B
CHROMIUM		B				
CHROMIUM - DISSOLVED			B	B	B	B
COBALT		B				
COBALT - DISSOLVED			B	B	B	B
COPPER		B				
COPPER - DISSOLVED			B	B	B	B
CYANIDE, TOTAL		B	B	B	B	B
FLUORIDE		B	B	B	B	B
HARDNESS		B				
HARDNESS - DISSOLVED			B	B	B	B
IRON		B				
IRON - DISSOLVED			B	B	B	B
LEAD		B				
LEAD - DISSOLVED			B	B	B	B
LITHIUM		M				
LITHIUM - DISSOLVED			M	M	M	M
MAGNESIUM		B				
MAGNESIUM - DISSOLVED			B	B	B	B
MANGANESE		B				
MANGANESE - DISSOLVED			B	B	B	B
MERCURY - LOW LEVEL		K				
MERCURY - LOW LEVEL - DISSOLVE			K	K	K	K

Test Group Name	881288-001	881288-002	881288-003	881288-004	881288-005	881288-006
MOLYBDENUM		B				
MOLYBDENUM - DISSOLVED			B	B	B	B
NICKEL		B				
NICKEL - DISSOLVED			B	B	B	B
NITROGEN, AMMONIA		B	B	B	B	B
NITROGEN, NITRATE		B	B	B	B	B
NITROGEN, NITRITE		B	B	B	B	B
PAH/PNA			B			
PCB			K			
POTASSIUM		B				
POTASSIUM - DISSOLVED			B	B	B	B
SELENIUM		B				
SELENIUM - DISSOLVED			B	B	B	B
SILVER		B				
SILVER - DISSOLVED			B	B	B	B
SODIUM		B				
SODIUM - DISSOLVED			B	B	B	B
SULFATE		B	B	B	B	B
SULFIDE		B	B	B	B	B
THALLIUM		B				
THALLIUM - DISSOLVED			B	B	B	B
VANADIUM		B				
VANADIUM - DISSOLVED			B	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G
ZINC		B				
ZINC - DISSOLVED			B	B	B	B

Code	MI Certification
B	Not Certified
G	Not Certified
K	Not Certified
M	Not Certified

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881288
Lab Section: METALS-K
QC Batch Number: 18691
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBmtk0966-073	MBmtk0966-073
IPR	IPRWmtk0966-073	IPRWmtk0966-073
OPR	OPRWmtk0966-073	OPRWmtk0966-073
MS	881279-003MS	881279-003MS
MS	881279-002MS	881279-002MS
MSD	881279-003MSD	881279-003MSD
MSD	881279-002MSD	881279-002MSD

Client Sample ID FBK-001 **Lab Sample ID** 881288-002 **MB ID** MB

Client Sample ID **Lab Sample ID** **MB ID**

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level	<	0.163	0	---	---		---	---	---		---			---	---	---	881279-002	4.23	10.0	15.2	109.7		10.0	14.8	105.9		2.5			75	125	24
Mercury - Low Level	<	0.163	0	---	---		---	---	---		---			---	---	---	881279-003	5.91	10.0	14.4	85.1		10.0	15.8	98.9		9.1			75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 3/22/2007
QC Batch Number: 18691

Pace Analytical Services, Inc.

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QC Summary

Batch: 881288
Lab Section: METALS-K
QC Batch Number: 18756
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-074	MBMTK0966-074
IPR	IPRWMTK0966-074	IPRWMTK0966-074
OPR	OPRWMTK0966-074	OPRWMTK0966-074
MS	881328-006MS	881328-006MS
MS	DUP-002MS	881288-006MS
MSD	881328-006MSD	881328-006MSD
MSD	DUP-002MSD	881288-006MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
MW-101	881288-003	MB	P-602	881288-004	MB
MW-602	881288-005	MB	DUP-002	881288-006	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Dissol	0.181	0	---	---		---	---	---		---		---	---	---	881288-006	0.89	5.0	5.9	100.5		5.0	6.1	104.5		3.3		75	125	24
Mercury - Low Level - Dissol	0.181	0	---	---		---	---	---		---		---	---	---	881328-006	0.60	2.0	2.5	95.9		2.0	2.4	91.0		4.0		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 3/22/2007
QC Batch Number: 18756

Sample Condition Upon Receipt

Pace Analytical

Client Name: NORTH JACKSON Project # 881288

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used JB Type of Ice: (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 1.0 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C Comments:

Date and Initials of person examining contents: AH 3/6/07 CF 3-6-07

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. NITRATE/NITRITE
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10. 1-1L AG (003) Rec'd Broken in Shipment NB 3/6
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: GW		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed NB / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16. HCl Blanks
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AH for TN **Date:** 3/22/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

COC No. 017863

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

Company Name:	North Jackson Co.
Branch/Location:	Marquette, MI
Project Contact:	J. Kesy - FUD
Phone:	
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Andrew Mukkachin / Richard Engle
Sampled By (Sign):	
PO #:	Regulatory Program:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other 2n Ac/HNaOH

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	FUD
Mail To Address:	Green Bay, WI
Invoice To Contact:	J. Kesy
Invoice To Company:	FUD
Invoice To Address:	SAME
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

FILTERED? (YES/NO) — PRESERVATION (CODE)*

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Y/N							CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Pick Letter	A	A	B	C	D	G	J			
001	TripBlank	3/5/07	—	W				2						2-40mL B	
002	FBK-001	3/5/07	1200	W		+2	+0	3	1	2*	1	1	*metals not filtered	2-500mL A,D; 1-250mL C,D,G,J 1-500mL A 3-40mL B	
003	MW-101		1430	GW		4	1	3	1	2	1	1		2-1L A, 3-500mL A,A,D 4-250mL C,D,G,J 3-40mL B	
004	P-602		1155			1	1	3	1	2	1	1		3-500mL A,A,D 4-250mL C,D,G,J 3-40mL B	
005	MW-602		1250			1	1	3	1	2	1	1			
006	DUP-002		—			1	1	3	1	2	1	1			

Analyses Requested: See FUD Parameter List

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard Engle	3/5/07 1700	FUD Ex	
FUD Ex	3/6/07 0850		3/6/07 0850

PACE Project No. 881288

Receipt Temp = 1.0 °C

Sample Receipt pH (OK / Adjusted)

Cooler Custody Seal (Present / Not Present) (Intact / Not Intact)

Version 6.0 06/14/06

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881288
Lab Section: BNASIM
QC Batch Number: 18687
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog2114-18MB	svog2114-18MB
LCS	svog2114-18LCS	svog2114-18LCS
LCSD	svog2114-18LCSD	svog2114-18LCSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
MW-101	881288-003	MB			

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.15	76		0.20	0.17	87		13.5			40	126	23	---	---	---	---	---		---	---	---		---			---	---	---
Acenaphthylene	<	0.0086	0.20	0.15	75		0.20	0.17	86		13.4			39	127	24	---	---	---	---	---		---	---	---		---			---	---	---
Anthracene	<	0.012	0.20	0.2	101		0.20	0.23	113		11.1			39	139	27	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(a)anthracene	<	0.017	0.20	0.2	100		0.20	0.19	96		3.5			48	146	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(a)pyrene	<	0.019	0.20	0.21	103		0.20	0.2	100		2.4			61	136	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.21	106		0.20	0.2	101		4.6			51	141	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(ghi)perylene	<	0.02	0.20	0.21	104		0.20	0.21	103		1.7			57	136	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.23	116		0.20	0.23	116		0.5			61	149	20	---	---	---	---	---		---	---	---		---			---	---	---
Chrysene	<	0.02	0.20	0.22	108		0.20	0.22	108		0.3			61	150	20	---	---	---	---	---		---	---	---		---			---	---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.2	101		0.20	0.2	100		1.4			46	150	20	---	---	---	---	---		---	---	---		---			---	---	---
Fluoranthene	<	0.016	0.20	0.21	105		0.20	0.23	113		6.7			48	145	20	---	---	---	---	---		---	---	---		---			---	---	---
Fluorene	<	0.0096	0.20	0.16	80		0.20	0.19	93		14.7			40	131	25	---	---	---	---	---		---	---	---		---			---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.21	105		0.20	0.2	102		2.5			54	143	20	---	---	---	---	---		---	---	---		---			---	---	---
Naphthalene	<	0.013	0.20	0.16	80		0.20	0.19	95		16.8			45	131	30	---	---	---	---	---		---	---	---		---			---	---	---
Phenanthrene	<	0.012	0.20	0.18	88		0.20	0.2	100		12.6			40	131	25	---	---	---	---	---		---	---	---		---			---	---	---
Pyrene	<	0.015	0.20	0.2	99		0.20	0.2	101		2.1			55	135	20	---	---	---	---	---		---	---	---		---			---	---	---
Nitrobenzene-d5		61%	---	---	76		---	---	95		---			10	150	---	---	---	---	---	---		---	---	---		---			---	---	---
2-Fluorobiphenyl		66%	---	---	82		---	---	95		---			20	111	---	---	---	---	---	---		---	---	---		---			---	---	---
Terphenyl-d14		99%	---	---	108		---	---	111		---			44	115	---	---	---	---	---	---		---	---	---		---			---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 18687

Pace Analytical Services, Inc.

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Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881288
Lab Section: METALS
QC Batch Number: 18645
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2102-35	MBWMTG2102-35
MB	MBDMTG2102-35	MBDMTG2102-35
LCS	LCSWMTG2102-35	LCSWMTG2102-35
LCS	LCSDMTG2102-35	LCSDMTG2102-35
MS	MW-101MS	881288-003MS
MS	FBK-001MS	881288-002MS
MSD	MW-101MSD	881288-003MSD
MSD	FBK-001MSD	881288-002MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	881288-002	MB
P-602	881288-004	MB
DUP-002	881288-006	MB

Client Sample ID	Lab Sample ID	MB ID
MW-101	881288-003	MB
MW-602	881288-005	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	<	6.3	10000.0	10040	100.4		---	---	---		---			75	125	20	881288-002	<	6.3	10000.0	10060	100.6		10000.0	10240	102.4		1.8			75	125	20
Antimony	<	0.24	200.0	207.6	103.8		---	---	---		---			75	125	20	881288-002	<	0.24	200.0	209.7	104.8		200.0	213.6	106.8		1.8			75	125	20
Arsenic	<	0.13	200.0	197.9	98.9		---	---	---		---			75	125	20	881288-002	<	0.13	200.0	200	100.0		200.0	203.2	101.6		1.6			75	125	20
Barium	J	0.17	200.0	198.5	99.2		---	---	---		---			75	125	20	881288-002		0.1500	200.0	200.7	100.3		200.0	204	101.9		1.6			75	125	20
Beryllium	<	0.1	200.0	206.6	103.3		---	---	---		---			75	125	20	881288-002	<	0.1	200.0	202.2	101.1		200.0	209.4	104.7		3.5			75	125	20
Boron	<	1.2	200.0	193.3	96.7		---	---	---		---			75	125	20	881288-002		211.7	200.0	399.5	93.9		200.0	408.8	98.6		2.3			75	125	20
Cadmium	<	0.12	200.0	197.3	98.7		---	---	---		---			75	125	20	881288-002	<	0.12	200.0	200.3	100.2		200.0	204.7	102.3		2.2			75	125	20
Calcium	<	13	10000.0	10030	100.3		---	---	---		---			75	125	20	881288-002	<	13	10000.0	10160	101.6		10000.0	10280	102.8		1.2			75	125	20
Chromium	<	0.32	200.0	200.8	100.4		---	---	---		---			75	125	20	881288-002	<	0.32	200.0	201.9	100.9		200.0	206.9	103.4		2.4			75	125	20
Cobalt	<	0.026	200.0	198.4	99.2		---	---	---		---			75	125	20	881288-002	<	0.026	200.0	198.6	99.3		200.0	205.5	102.8		3.4			75	125	20
Copper	<	0.59	200.0	199.8	99.9		---	---	---		---			75	125	20	881288-002		0.8600	200.0	197.8	98.5		200.0	203.9	101.5		3.0			75	125	20
Iron	<	9.3	10000.0	10210	102.1		---	---	---		---			75	125	20	881288-002	<	9.3	10000.0	10230	102.3		10000.0	10450	104.5		2.1			75	125	20
Lead	<	0.049	200.0	200.3	100.2		---	---	---		---			75	125	20	881288-002		9.000E-2	200.0	205.9	102.9		200.0	207.9	103.9		1.0			75	125	20
Magnesium	<	4.6	10000.0	9970	99.7		---	---	---		---			75	125	20	881288-002	<	4.6	10000.0	10080	100.8		10000.0	10230	102.3		1.5			75	125	20
Manganese	<	0.12	200.0	200.9	100.4		---	---	---		---			75	125	20	881288-002	<	0.12	200.0	201.6	100.8		200.0	204.3	102.2		1.3			75	125	20
Molybdenum	<	0.61	200.0	200.5	100.2		---	---	---		---			75	125	20	881288-002	<	0.61	200.0	205.4	102.7		200.0	207.6	103.8		1.1			75	125	20
Nickel	<	0.32	200.0	191.8	95.9		---	---	---		---			75	125	20	881288-002	<	0.32	200.0	198.1	99.1		200.0	198.9	99.4		0.4			75	125	20
Potassium	<	5.7	10000.0	9899	99.0		---	---	---		---			75	125	20	881288-002		18.9300	10000.0	10030	100.1		10000.0	10300	102.8		2.7			75	125	20
Selenium	<	0.67	200.0	200.9	100.4		---	---	---		---			75	125	20	881288-002	<	0.67	200.0	199.3	99.7		200.0	201.1	100.6		0.9			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 18645

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Silver	<	0.034	100.0	94.8	94.8		---	---	---		---			75	125	20	881288-002	<	0.034	100.0	96.8	96.8		100.0	100.1	100.1		3.3			75	125	20
Sodium	<	17	10000.0	9870	98.7		---	---	---		---			75	125	20	881288-002		2630.00	10000.0	12610	99.8		10000.0	12760	101.3		1.2			75	125	20
Thallium	<	0.053	200.0	193.2	96.6		---	---	---		---			75	125	20	881288-002	<	0.053	200.0	198.6	99.3		200.0	202.4	101.2		1.9			75	125	20
Vanadium	<	0.1	200.0	196.9	98.4		---	---	---		---			75	125	20	881288-002		0.2900	200.0	196.7	98.2		200.0	202.5	101.1		2.9			75	125	20
Zinc	<	0.98	200.0	197.8	98.9		---	---	---		---			75	125	20	881288-002		1.710	200.0	209	103.6		200.0	206.9	102.6		1.0			75	125	20
Aluminum - Dissolved	<	6.3	10000.0	10040	100.4		---	---	---		---			75	125	20	881288-003		34.8600	10000.0	10240	102.1		10000.0	10150	101.2		0.9			75	125	20
Antimony - Dissolved	<	0.24	200.0	207.6	103.8		---	---	---		---			75	125	20	881288-003	<	0.24	200.0	204.4	102.2		200.0	206.3	103.2		0.9			75	125	20
Arsenic - Dissolved	<	0.13	200.0	197.9	98.9		---	---	---		---			75	125	20	881288-003		16.92	200.0	217.3	99.2		200.0	220.4	100.7		1.4			75	125	20
Barium - Dissolved	J	0.17	200.0	198.5	99.2		---	---	---		---			75	125	20	881288-003		72.96	200.0	273	100.0		200.0	275.1	101.1		0.8			75	125	20
Beryllium - Dissolved	<	0.1	200.0	206.6	103.3		---	---	---		---			75	125	20	881288-003	<	0.1	200.0	209	104.5		200.0	202.6	101.3		3.1			75	125	20
Boron - Dissolved	<	1.2	200.0	193.3	96.7		---	---	---		---			75	125	20	881288-003		102.1	200.0	294.3	96.1		200.0	279.8	88.8		5.1			75	125	20
Cadmium - Dissolved	<	0.12	200.0	197.3	98.7		---	---	---		---			75	125	20	881288-003	<	0.12	200.0	197.1	98.6		200.0	199.7	99.8		1.3			75	125	20
Calcium - Dissolved	<	13	10000.0	10030	100.3		---	---	---		---			75	125	20	881288-003		32370.0	10000.0	42610	102.4		10000.0	42510	101.4		0.2			75	125	20
Chromium - Dissolved	<	0.32	200.0	200.8	100.4		---	---	---		---			75	125	20	881288-003		1.080	200.0	197.4	98.2		200.0	194.6	96.8		1.4			75	125	20
Cobalt - Dissolved	<	0.026	200.0	198.4	99.2		---	---	---		---			75	125	20	881288-003		0.1800	200.0	190.8	95.3		200.0	190.3	95.1		0.3			75	125	20
Copper - Dissolved	<	0.59	200.0	199.8	99.9		---	---	---		---			75	125	20	881288-003	<	0.59	200.0	183.8	91.9		200.0	183.3	91.7		0.3			75	125	20
Iron - Dissolved	<	9.3	10000.0	10210	102.1		---	---	---		---			75	125	20	881288-003		34360.0	10000.0	44430	100.7		10000.0	43290	89.3		2.6			75	125	20
Lead - Dissolved	<	0.049	200.0	200.3	100.2		---	---	---		---			75	125	20	881288-003	<	0.049	200.0	207	103.5		200.0	208	104.0		0.5			75	125	20
Magnesium - Dissolved	<	4.6	10000.0	9970	99.7		---	---	---		---			75	125	20	881288-003		8924.00	10000.0	19020	101.0		10000.0	18870	99.5		0.8			75	125	20
Manganese - Dissolved	<	0.12	200.00	200.9	100.4		---	---	---		---			75	125	20	881288-003		6208.0	200.00	6369	80.5	+	200.00	6418	105.0	+	0.8			75	125	20
Molybdenum - Dissolved	<	0.61	200.0	200.5	100.2		---	---	---		---			75	125	20	881288-003		1.100	200.0	198.9	98.9		200.0	200	99.4		0.6			75	125	20
Nickel - Dissolved	<	0.32	200.0	191.8	95.9		---	---	---		---			75	125	20	881288-003		0.6200	200.0	188.7	94.0		200.0	182.1	90.7		3.6			75	125	20
Potassium - Dissolved	<	5.7	10000.0	9899	99.0		---	---	---		---			75	125	20	881288-003		3499.00	10000.0	13700	102.0		10000.0	13660	101.6		0.3			75	125	20
Selenium - Dissolved	<	0.67	200.0	200.9	100.4		---	---	---		---			75	125	20	881288-003	<	0.67	200.0	192.6	96.3		200.0	196.4	98.2		2.0			75	125	20
Silver - Dissolved	<	0.034	100	94.8	94.8		---	---	---		---			75	125	20	881288-003	<	0.034	100	96.2	96.2		100	98.2	98.2		2.1			75	125	20
Sodium - Dissolved	<	17	10000.0	9870	98.7		---	---	---		---			75	125	20	881288-003		8884.00	10000.0	19170	102.9		10000.0	18920	100.4		1.3			75	125	20
Thallium - Dissolved	<	0.053	200.0	193.2	96.6		---	---	---		---			75	125	20	881288-003	<	0.053	200.0	202.6	101.3		200.0	202.9	101.4		0.1			75	125	20
Vanadium - Dissolved	<	0.1	200.0	196.9	98.4		---	---	---		---			75	125	20	881288-003		2.860	200.0	196.5	96.8		200.0	195	96.1		0.8			75	125	20
Zinc - Dissolved	<	0.98	200.0	197.8	98.9		---	---	---		---			75	125	20	881288-003	<	0.98	200.0	194.5	97.2		200.0	196.6	98.3		1.1			75	125	20

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Report Date: 9/4/2007
QC Batch Number: 18645

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881288
Lab Section: METALS-K
QC Batch Number: 18691
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBmtk0966-073	MBmtk0966-073
IPR	IPRWmtk0966-073	IPRWmtk0966-073
OPR	OPRWmtk0966-073	OPRWmtk0966-073
MS	881279-003MS	881279-003MS
MS	881279-002MS	881279-002MS
MSD	881279-003MSD	881279-003MSD
MSD	881279-002MSD	881279-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK-001	881288-002	MB			

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc		MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level	<	0.163	0	---	---		---	---	---		---		---	---	---	881279-002		4.23	10.0	15.2	109.7		10.0	14.8	105.9		2.5		75	125	24
Mercury - Low Level	<	0.163	0	---	---		---	---	---		---		---	---	---	881279-003		5.91	10.0	14.4	85.1		10.0	15.8	98.9		9.1		75	125	24

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Report Date: 9/4/2007
QC Batch Number: 18691

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 881288
Lab Section: METALS-K
QC Batch Number: 18756
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-074	MBMTK0966-074
IPR	IPRWMTK0966-074	IPRWMTK0966-074
OPR	OPRWMTK0966-074	OPRWMTK0966-074
MS	881328-006MS	881328-006MS
MS	DUP-002MS	881288-006MS
MSD	881328-006MSD	881328-006MSD
MSD	DUP-002MSD	881288-006MSD

Client Sample ID	Lab Sample ID	MB ID
MW-101	881288-003	MB
MW-602	881288-005	MB

Client Sample ID	Lab Sample ID	MB ID
P-602	881288-004	MB
DUP-002	881288-006	MB

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18756

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881288
Lab Section: PCB-K
QC Batch Number: 18677
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-051PCBMB	SVG2057-051PCBMB
LCS	SVG2057-051PCBLCS	SVG2057-051PCBLCS
LCSD	SVG2057-051PCBLCSD	SVG2057-051PCBLCSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
MW-101	881288-003	MB			

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---			---	---	---
Aroclor 1221	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---			---	---	---
Aroclor 1232	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---			---	---	---
Aroclor 1242	<	0.24	5.0	5.1	103		5.0	5.3	105		2.4			47	138	20	---	---	---	---	---		---	---	---		---			---	---	---
Aroclor 1248	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---			---	---	---
Aroclor 1254	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---			---	---	---
Aroclor 1260	<	0.24	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---			---	---	---
Total PCBs	<	0.24	---	---	---		---	---	---		---			---	---	---	---	---	---	---	---		---	---	---		---			---	---	---
Tetrachloro-m-xylene		87%	---	---	84		---	---	86		---			42	122	---	---	---	---	---	---		---	---	---		---			---	---	---
Decachlorobiphenyl		87%	---	---	83		---	---	84		---			10	128	---	---	---	---	---	---		---	---	---		---			---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18677

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881288
Lab Section: VOA
QC Batch Number: 18650
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2131-81MB	vog2131-81MB
LCS	vog2131-81LCS	vog2131-81LCS
LCSD	vog2131-81LCSD	vog2131-81LCSD
MS	P-602MS	881288-004MS
MSD	P-602MSD	881288-004MSD

Client Sample ID	Lab Sample ID	MB ID
TRIP BLANK	881288-001	MB
MW-101	881288-003	MB
MW-602	881288-005	MB
FBK-001	881288-002	MB
P-602	881288-004	MB
DUP-002	881288-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	<	0.9	50.0	49.9	100		50.0	51.3	103		2.8			75	128	20	881288-004	<	0.9	50.0	51.3	103		50.0	51.6	103		0.7			70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	45.3	91		50.0	48	96		5.7			67	125	20	881288-004	<	0.2	50.0	49.7	99		50.0	49.9	100		0.5			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	48.2	96		50.0	50.2	100		4.0			75	125	20	881288-004	<	0.42	50.0	50.3	101		50.0	49.9	100		0.8			70	130	30
1,1-Dichloroethane	<	0.75	50.0	49	98		50.0	49.9	100		1.8			71	130	20	881288-004	<	0.75	50.0	52	104		50.0	50.3	101		3.4			70	130	30
1,1-Dichloroethene	<	0.57	50.0	50.5	101		50.0	53.2	106		5.1			75	125	20	881288-004	<	0.57	50.0	51.8	104		50.0	52	104		0.4			70	135	30
1,2-Dichloroethane	<	0.36	50.0	46.9	94		50.0	48.9	98		4.3			71	132	20	881288-004	<	0.36	50.0	49.8	100		50.0	48.4	97		2.9			70	130	30
1,2-Dichloroethene, Total	<	1.4	100.0	101.6	102		100.0	104.7	105		3.0			75	125	20	881288-004	<	1.4	100.0	104.2	104		100.0	103.5	103		0.6			70	130	30
1,2-Dichloropropane	<	0.46	50.0	46.6	93		50.0	48.7	97		4.5			73	125	20	881288-004	<	0.46	50.0	48.8	98		50.0	47.3	95		2.9			70	130	30
2-Butanone	<	4.3	50.0	40.7	81		50.0	42.9	86		5.2			59	130	20	881288-004	<	4.3	50.0	44	88		50.0	43.6	87		0.9			51	130	30
2-Hexanone	<	1.1	50.0	39.6	79		50.0	41.8	84		5.4			51	125	20	881288-004	<	1.1	50.0	43.3	87		50.0	47.5	95		9.2			53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	39.1	78		50.0	41.4	83		5.7			59	125	20	881288-004	<	1.2	50.0	43.6	87		50.0	43.2	86		1.0			62	130	30
Acetone	<	2.3	50.0	43.5	87		50.0	39.5	79		9.5			31	150	20	881288-004	<	2.3	50.0	45.2	90		50.0	44.8	90		1.0			42	132	30
Benzene	<	0.41	50.0	49.4	99		50.0	51.2	102		3.7			75	125	20	881288-004	<	0.41	50.0	53.1	106		50.0	51	102		4.0			70	130	30
Bromodichloromethane	<	0.56	50.0	50.1	100		50.0	51.2	102		2.1			75	125	20	881288-004	<	0.56	50.0	50.6	101		50.0	50.7	101		0.2			70	130	30
Bromoform	<	0.94	50.0	44.1	88		50.0	47.8	96		8.1			75	125	20	881288-004	<	0.94	50.0	45.9	92		50.0	45.7	91		0.5			70	130	30
Bromomethane	<	0.91	50.0	41.4	83		50.0	45	90		8.4			66	125	20	881288-004	<	0.91	50.0	50.2	100		50.0	47.6	95		5.3			63	147	30
Carbon Disulfide	<	0.66	50.0	49.8	100		50.0	50.4	101		1.2			71	128	20	881288-004	<	0.66	50.0	50.2	100		50.0	49.6	99		1.3			56	142	30
Carbon Tetrachloride	<	0.49	50.0	51.8	104		50.0	53.3	107		2.9			75	125	20	881288-004	<	0.49	50.0	53	106		50.0	51.9	104		2.0			70	131	30
Chlorobenzene	<	0.41	50.0	51.7	103		50.0	53.7	107		3.8			75	125	20	881288-004	<	0.41	50.0	52.6	105		50.0	51.9	104		1.3			70	130	30
Chlorodibromomethane	<	0.81	50.0	49.3	99		50.0	51.8	104		5.0			75	125	20	881288-004	<	0.81	50.0	51.1	102		50.0	50.4	101		1.3			70	130	30
Chloroethane	<	0.97	50.0	47.8	96		50.0	48.8	98		2.0			72	126	20	881288-004	<	0.97	50.0	48.8	98		50.0	49.3	99		0.9			67	138	30
Chloroform	<	0.37	50.0	50.3	101		50.0	51.3	103		1.9			75	125	20	881288-004	<	0.37	50.0	53.7	107		50.0	51	102		5.2			70	130	30

Conc = ug/L unless otherwise noted
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Report Date: 9/4/2007
QC Batch Number: 18650

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result		Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/ LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/ MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloromethane	<	0.24	50.0	37	74			50.0	37.1	74		0.4			46	143	20	881288-004	<	0.24	50.0	37.3	75		50.0	38	76			1.9			43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	47	94			50.0	47.8	96		1.7			75	125	20	881288-004	<	0.19	50.0	47.3	95		50.0	46.5	93			1.7			70	130	30
Ethylbenzene	<	0.54	50.0	52.2	104			50.0	54.5	109		4.3			75	125	20	881288-004	<	0.54	50.0	54.1	108		50.0	52.5	105			2.9			70	136	30
Methylene Chloride	<	0.43	50.0	50	100			50.0	50.4	101		0.7			75	125	20	881288-004	<	0.43	50.0	53.1	106		50.0	50	100			5.9			70	130	30
Styrene	<	0.86	50.0	54.3	109			50.0	56.8	114		4.5			75	125	20	881288-004	<	0.86	50.0	52.5	105		50.0	48.8	98			7.3			70	130	30
Tetrachloroethene	<	0.45	50.0	50.1	100			50.0	52.4	105		4.4			75	130	20	881288-004	<	0.45	50.0	51.4	103		50.0	51.3	103			0.4			70	130	30
Toluene	<	0.67	50.0	51.1	102			50.0	54.5	109		6.3			75	125	20	881288-004	<	0.67	50.0	53.3	107		50.0	52.9	106			0.8			70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	48.2	96			50.0	50.7	101		5.0			75	125	20	881288-004	<	0.19	50.0	50.8	102		50.0	50.2	100			1.3			70	130	30
Trichloroethene	<	0.48	50.0	50.3	101			50.0	51.3	103		1.9			75	125	20	881288-004	<	0.48	50.0	50.9	102		50.0	50.3	101			1.2			70	130	30
Vinyl Chloride	<	0.18	50.0	44.1	88			50.0	45.8	92		3.7			65	130	20	881288-004	<	0.18	50.0	45	90		50.0	44.2	88			1.8			62	138	30
Xylene, Total	<	2.6	150.0	159.4	106			150.0	166.2	111		4.2			75	125	20	881288-004	<	2.6	150.0	162	108		150.0	156.9	105			3.2			70	130	30
4-Bromofluorobenzene		106%	---	---	107			---	---	107		---			64	132	---	881288-004		104%	---	---	105		---	---	108			---			64	132	---
Toluene-d8		112%	---	---	111			---	---	114		---			73	127	---	881288-004		109%	---	---	112		---	---	111			---			73	127	---
Dibromofluoromethane		106%	---	---	108			---	---	108		---			68	122	---	881288-004		110%	---	---	111		---	---	111			---			68	122	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007

QC Batch Number: 18650

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881288
Lab Section: WETCHEM
QC Batch Number: 18630
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2138-023MB	WCG2138-023MB
LCS	WCG2138-023MBLCS	WCG2138-023MBLCS
MS	DUP-002MS	881288-006MS
MSD	DUP-002MSD	881288-006MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	881288-002	MB
P-602	881288-004	MB
DUP-002	881288-006	MB
MW-101	881288-003	MB
MW-602	881288-005	MB

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18630

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881288
Lab Section: WETCHEM
QC Batch Number: 18671
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-088MB	WCG1919-088MB
LCS	WCG1919-088MBLCS	WCG1919-088MBLCS
LCSD	WCG1919-088MBLCSD	WCG1919-088MBLCSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	881288-002	MB
P-602	881288-004	MB
DUP-002	881288-006	MB

Client Sample ID	Lab Sample ID	MB ID
MW-101	881288-003	MB
MW-602	881288-005	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Sulfide	< 2.5	47.2	43.6	92.4		47.2	46.8	99.2		7.1		80	120	20	---		---	---	---		---	---	---		---		---	---	---

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18671

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 881288
Lab Section: WETCHEM
QC Batch Number: 18720
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-090MB	WCG1919-090MB
LCS	WCG1919-090MBLCS	WCG1919-090MBLCS
MS	MW-101MS	881288-003MS
MSD	MW-101MSD	881288-003MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	881288-002	MB
P-602	881288-004	MB
DUP-002	881288-006	MB

Client Sample ID	Lab Sample ID	MB ID
MW-101	881288-003	MB
MW-602	881288-005	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Bicarbonate Alkalinity	<	1.7	77.40	81.4	105.2		---	---	---		---		80	120	20	881288-003		167.2	100.0	248.6	81.4		100.0	275	107.8		10.1		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18720

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881288
Lab Section: WETCHEM
QC Batch Number: 18780
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-029MB	WCG2151-029MB
LCS	WCG2151-029MBLCS	WCG2151-029MBLCS
MS	881367-006MS	881367-006MS
MS	881262-005MS	881262-005MS
MSD	881367-006MSD	881367-006MSD
MSD	881262-005MSD	881262-005MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	881288-002	MB
P-602	881288-004	MB
DUP-002	881288-006	MB

Client Sample ID	Lab Sample ID	MB ID
MW-101	881288-003	MB
MW-602	881288-005	MB

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18780

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881288
Lab Section: WETCHEM
QC Batch Number: 18804
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-031MB	WCG2151-031MB
LCS	WCG2151-031MBLCS	WCG2151-031MBLCS
MS	DUP-002MS	881288-006MS
MS	881282-001MS	881282-001MS
MSD	DUP-002MSD	881288-006MSD
MSD	881282-001MSD	881282-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	881288-002	MB
P-602	881288-004	MB
DUP-002	881288-006	MB

Client Sample ID	Lab Sample ID	MB ID
MW-101	881288-003	MB
MW-602	881288-005	MB

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18804

Batch No. 881328

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

March 21, 2007

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 881328 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Alle Ann for Tod N

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 881328

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Nollemeyer
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
881328-001	TRIP BLANK	WATER	03/06/07
881328-002	DUP001	WATER	03/06/07
881328-003	KMW-7	WATER	03/06/07 10:51
881328-004	KMW-4	WATER	03/06/07 15:25
881328-005	KMW-9P	WATER	03/06/07 12:30
881328-006	KMW-9	WATER	03/06/07 13:40
881328-007	FBK-002	WATER	03/06/07 13:30

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alec Kn for Tod N — Approval Signature

3/22/07 — Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	1.5		0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	103		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	110		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	108		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP001

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	12	B	6.3	50	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	3.5		0.13	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Barium - Dissolved	44		0.12	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.46	B	0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Boron - Dissolved	85		1.2	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Calcium - Dissolved	170000		130	5000	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.80	B	0.32	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	14		0.026	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Hardness - Dissolved	720		1.5	20	10	mg/L		03/08/07	SW846 3020A	6020/2340B
Iron - Dissolved	130000		93	500	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.29	B	0.049	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Lithium - Dissolved	5.3		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium - Dissolved	73000		46	5000	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Manganese - Dissolved	25000		1.2	10	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.5	B	0.61	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Nickel - Dissolved	2.1		0.32	1.0	1	ug/L	X	03/08/07	SW846 3020A	SW846 6020
Potassium - Dissolved	7200		5.7	500	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.80	B	0.67	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/09/07	SW846 3020A	SW846 6020
Sodium - Dissolved	6900		17	500	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.10	B	0.053	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	1.4		0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Zinc - Dissolved	51		0.98	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.651		0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	95		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Chloride	4.5	B	1.1	5.0	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.17	B	0.059	0.50	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.3		0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Sulfate	880		26	200	50	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	13		2.5	5.0	1	mg/L		03/07/07	EPA 376.1	EPA 376.1
Total Alkalinity	95		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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920-469-2436

Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP001

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	102		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	110		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	107		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

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920-469-2436

Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-7

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	27	B	6.3	50	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	4.1		0.13	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Barium - Dissolved	57		0.12	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.45	B	0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Boron - Dissolved	89		1.2	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.26	B	0.12	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Calcium - Dissolved	120000		130	5000	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Chromium - Dissolved	1.8		0.32	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	110		0.26	10	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Hardness - Dissolved	560		1.5	20	10	mg/L		03/08/07	SW846 3020A	6020/2340B
Iron - Dissolved	150000		93	500	10	ug/L	E	03/08/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.24	B	0.049	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Lithium - Dissolved	4.9		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium - Dissolved	61000		46	5000	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Manganese - Dissolved	21000		1.2	10	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.88	B	0.61	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Nickel - Dissolved	79		0.32	1.0	1	ug/L	X	03/08/07	SW846 3020A	SW846 6020
Potassium - Dissolved	6900		5.7	500	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.040	B	0.034	0.50	1	ug/L		03/09/07	SW846 3020A	SW846 6020
Sodium - Dissolved	7100		17	500	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.20	B	0.053	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	4.6		0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Zinc - Dissolved	5.8	B	0.98	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.507		0.163	0.500	1	ng/L		03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	57		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Chloride	5.3		1.1	5.0	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.18	B	0.059	0.50	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.9		0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Sulfate	840		26	200	50	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	9.0		2.5	5.0	1	mg/L		03/07/07	EPA 376.1	EPA 376.1
Total Alkalinity	57		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-7

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-003

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	103		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	112		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	107		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-4

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	2.6		0.13	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Barium - Dissolved	51		0.12	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Boron - Dissolved	68		1.2	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Calcium - Dissolved	40000		130	5000	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	2.5		0.026	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Hardness - Dissolved	160		1.5	20	10	mg/L		03/08/07	SW846 3020A	6020/2340B
Iron - Dissolved	5100		93	500	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Lithium - Dissolved	0.96		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium - Dissolved	15000		46	5000	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Manganese - Dissolved	4500		1.2	10	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.7	B	0.61	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Nickel - Dissolved	3.6		0.32	1.0	1	ug/L	X	03/08/07	SW846 3020A	SW846 6020
Potassium - Dissolved	3200		5.7	500	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Sodium - Dissolved	4200		17	500	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.57	B	0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	1.32		0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	100		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Chloride	3.1	B	1.1	5.0	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.22	B	0.059	0.50	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.62	B	0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Sulfate	93		5.1	40	10	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/07/07	EPA 376.1	EPA 376.1
Total Alkalinity	100		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-4

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-004

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	103		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	111		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	112		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0085	U	0.0085	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.0084	U	0.0084	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.019	U	0.019	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.049	1	ug/L	Z	03/12/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.020	U	0.020	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.020	U	0.020	0.049	1	ug/L	Z	03/12/07	SW846 3510C	8270C-SIM
Chrysene	0.020	U	0.020	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.020	U	0.020	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Fluoranthene	0.016	U	0.016	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Fluorene	0.0094	U	0.0094	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.020	U	0.020	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM

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Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-4

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-004

PAH/PNA

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.014	J	0.013	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Phenanthrene	0.012	U	0.012	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.049	1	ug/L		03/12/07	SW846 3510C	8270C-SIM
Surrogate			LCL	UCL						
Nitrobenzene-d5	78		10	150	1	%		03/12/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	84		20	111	1	%		03/12/07	SW846 3510C	8270C-SIM
Terphenyl-d14	109		44	115	1	%		03/12/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.12	U	0.12	0.48	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1221	0.12	U	0.12	0.48	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1232	0.12	U	0.12	0.48	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1242	0.12	U	0.12	0.48	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1248	0.12	U	0.12	0.48	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1254	0.12	U	0.12	0.48	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Aroclor 1260	0.12	U	0.12	0.48	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Total PCBs	0.12	U	0.12	0.48	1	ug/L		03/09/07	SW846 3510C	SW846 8082
Surrogate			LCL	UCL						
Tetrachloro-m-xylene	91		42	122	1	%		03/09/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	91		10	128	1	%		03/09/07	SW846 3510C	SW846 8082

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Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-9P

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	3.2		0.13	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Barium - Dissolved	42		0.12	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.34	B	0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Boron - Dissolved	82		1.2	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Calcium - Dissolved	170000		130	5000	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.54	B	0.32	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	13		0.026	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Hardness - Dissolved	710		1.5	20	10	mg/L		03/08/07	SW846 3020A	6020/2340B
Iron - Dissolved	130000		93	500	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.15	B	0.049	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Lithium - Dissolved	6.1		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium - Dissolved	72000		46	5000	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Manganese - Dissolved	25000		1.2	10	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.3	B	0.61	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Nickel - Dissolved	1.7		0.32	1.0	1	ug/L	X	03/08/07	SW846 3020A	SW846 6020
Potassium - Dissolved	6700		5.7	500	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Sodium - Dissolved	6500		17	500	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	1.2		0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Zinc - Dissolved	50		0.98	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.698		0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	90		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Chloride	4.5	B	1.1	5.0	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.17	B	0.059	0.50	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.3		0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Sulfate	900		26	200	50	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	3.4	B	2.5	5.0	1	mg/L		03/07/07	EPA 376.1	EPA 376.1
Total Alkalinity	90		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-9P

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-005

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	102		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	110		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	106		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-9

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-006

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	13	B	6.3	50	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	3.7		0.13	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Barium - Dissolved	65		0.12	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.68	B	0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Boron - Dissolved	63		1.2	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Calcium - Dissolved	40000		130	5000	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.96	B	0.32	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	6.3		0.026	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Copper - Dissolved	2.0		0.59	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Hardness - Dissolved	170		1.5	20	10	mg/L		03/08/07	SW846 3020A	6020/2340B
Iron - Dissolved	5900		93	500	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Lead - Dissolved	2.6		0.049	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Lithium - Dissolved	0.57		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium - Dissolved	18000		46	5000	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Manganese - Dissolved	6600		1.2	10	10	ug/L		03/08/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.9	B	0.61	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Nickel - Dissolved	12		0.32	1.0	1	ug/L	X	03/08/07	SW846 3020A	SW846 6020
Potassium - Dissolved	3100		5.7	500	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Sodium - Dissolved	3700		17	500	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	2.2		0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Zinc - Dissolved	180		0.98	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.603		0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	70		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Chloride	3.1	B	1.1	5.0	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.17	B	0.059	0.50	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.55	B	0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Sulfate	130		5.1	40	10	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/07/07	EPA 376.1	EPA 376.1
Total Alkalinity	70		1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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920-469-2436

Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-9

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-006

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	100		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	109		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	108		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-002

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-007

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	6.3	U	6.3	50	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Arsenic	0.13	U	0.13	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Barium	0.76	B	0.12	1.0	1	ug/L	A	03/08/07	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Boron	240		1.2	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cadmium	0.12	U	0.12	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Calcium	75	B	13	500	1	ug/L	A	03/08/07	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Cobalt	0.026	U	0.026	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Copper	0.59	U	0.59	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Hardness	0.41	B	0.15	2.0	1	mg/L		03/08/07	SW846 3020A	6020/2340B
Iron	11	B	9.3	50	1	ug/L	A	03/08/07	SW846 3020A	SW846 6020
Lead	0.10	B	0.049	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Lithium	0.66		0.016	0.053	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium	54	B	4.6	500	1	ug/L	A	03/08/07	SW846 3020A	SW846 6020
Manganese	0.12	U	0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Mercury - Low Level	0.277		0.163	0.163	1	ng/L		03/13/07	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Nickel	0.32	U	0.32	1.0	1	ug/L	X	03/08/07	SW846 3020A	SW846 6020
Potassium	27	B	5.7	500	1	ug/L	A	03/08/07	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	0.50	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Sodium	2700		17	500	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Vanadium	0.26	B	0.10	1.0	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Zinc	0.98	U	0.98	10	1	ug/L		03/08/07	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	2.2	B	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B
Chloride	3.6	B	1.1	5.0	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.059	U	0.059	0.50	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.28	B	0.085	0.40	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Sulfate	1.6	B	0.51	4.0	1	mg/L		03/07/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/07/07	EPA 376.1	EPA 376.1
Total Alkalinity	2.2	B	1.7	10	1	mg/L		03/09/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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Analytical Report Number: 881328

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-002

Matrix Type : WATER
Collection Date : 03/06/07
Report Date : 03/20/07
Lab Sample Number : 881328-007

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/08/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/08/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	104		64	132	1	%		03/08/07	SW846 5030B	SW846 8260B
Toluene-d8	112		73	127	1	%		03/08/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	108		68	122	1	%		03/08/07	SW846 5030B	SW846 8260B

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Lab Number	TestGroupID	Field ID	Comment
881328	W-SULF-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
881328-	M-NI-D	All Samples	X - Analyte recovery of 43% was outside the Reporting Limit (RL) check limits of 50-150% for a 1 ug/L standard.
881328-	M-NI-W	All Samples	X - Analyte recovery of 43% was outside the Reporting Limit (RL) check limits of 50-150% for a 1 ug/L standard.
881328-	PAH-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
881328-004	PCB-W	KMW-4	Inadequate sample volume received to perform the method required MS/MSD.
881328-007	M-BA-W	FBK-002	A - Analyte is detected in the method blank at a concentration of 0.22 ug/L.
881328-007	M-CA-W	FBK-002	A - Analyte is detected in the method blank at a concentration of 19 ug/L.
881328-007	M-FE-W	FBK-002	A - Analyte is detected in the method blank at a concentration of 9.5 ug/L.
881328-007	M-K-W	FBK-002	A - Analyte is detected in the method blank at a concentration of 12 ug/L.
881328-007	M-MG-W	FBK-002	A - Analyte is detected in the method blank at a concentration of 58 ug/L.
881328-012	8260+-S-ME	TRIP BLANK	sample received overweight (19.8 grams)
881328-012	8260+-S-ME	DUP001	sample received overweight (19.8 grams)
881328-012	8260+-S-ME	FBK-002	sample received overweight (19.8 grams)
881328-012	8260+-S-ME	KMW-4	sample received overweight (19.8 grams)
881328-012	8260+-S-ME	KMW-7	sample received overweight (19.8 grams)
881328-012	8260+-S-ME	KMW-9	sample received overweight (19.8 grams)
881328-012	8260+-S-ME	KMW-9P	sample received overweight (19.8 grams)

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	881328-001	881328-002	881328-003	881328-004	881328-005	881328-006	881328-007
ALKALINITY, BICARB/CARB/TOTAL		B	B	B	B	B	B
ALUMINUM							B
ALUMINUM - DISSOLVED		B	B	B	B	B	
ANTIMONY							B
ANTIMONY - DISSOLVED		B	B	B	B	B	
ARSENIC							B
ARSENIC - DISSOLVED		B	B	B	B	B	
BARIUM							B
BARIUM - DISSOLVED		B	B	B	B	B	
BERYLLIUM							B
BERYLLIUM - DISSOLVED		B	B	B	B	B	
BORON							B
BORON - DISSOLVED		B	B	B	B	B	
CADMIUM							B
CADMIUM - DISSOLVED		B	B	B	B	B	
CALCIUM							B
CALCIUM - DISSOLVED		B	B	B	B	B	
CHLORIDE		B	B	B	B	B	B
CHROMIUM							B
CHROMIUM - DISSOLVED		B	B	B	B	B	
COBALT							B
COBALT - DISSOLVED		B	B	B	B	B	
COPPER							B
COPPER - DISSOLVED		B	B	B	B	B	
CYANIDE, TOTAL		B	B	B	B	B	B
FLUORIDE		B	B	B	B	B	B
HARDNESS							B
HARDNESS - DISSOLVED		B	B	B	B	B	
IRON							B
IRON - DISSOLVED		B	B	B	B	B	
LEAD							B
LEAD - DISSOLVED		B	B	B	B	B	
LITHIUM							M
LITHIUM - DISSOLVED		M	M	M	M	M	
MAGNESIUM							B
MAGNESIUM - DISSOLVED		B	B	B	B	B	
MANGANESE							B
MANGANESE - DISSOLVED		B	B	B	B	B	
MERCURY - LOW LEVEL							K
MERCURY - LOW LEVEL - DISSOLVE		K	K	K	K	K	

Test Group Name	881328-001	881328-002	881328-003	881328-004	881328-005	881328-006	881328-007
MOLYBDENUM							B
MOLYBDENUM - DISSOLVED		B	B	B	B	B	
NICKEL							B
NICKEL - DISSOLVED		B	B	B	B	B	
NITROGEN, AMMONIA		B	B	B	B	B	B
NITROGEN, NITRATE		B	B	B	B	B	B
NITROGEN, NITRITE		B	B	B	B	B	B
PAH/PNA				B			
PCB				K			
POTASSIUM							B
POTASSIUM - DISSOLVED		B	B	B	B	B	
SELENIUM							B
SELENIUM - DISSOLVED		B	B	B	B	B	
SILVER							B
SILVER - DISSOLVED		B	B	B	B	B	
SODIUM							B
SODIUM - DISSOLVED		B	B	B	B	B	
SULFATE		B	B	B	B	B	B
SULFIDE		B	B	B	B	B	B
THALLIUM							B
THALLIUM - DISSOLVED		B	B	B	B	B	
VANADIUM							B
VANADIUM - DISSOLVED		B	B	B	B	B	
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G
ZINC							B
ZINC - DISSOLVED		B	B	B	B	B	

Code	MI Certification
B	Not Certified
G	Not Certified
K	Not Certified
M	Not Certified

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch Number: 881328
Lab Section: METALS-K
QC Batch Number: 18756
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-074	MBMTK0966-074
MB2	MB2WMTK0966-074	MB2WMTK0966-074
MB3	MB3WMTK0966-074	MB3WMTK0966-074
IPR	IPRWMTK0966-074	IPRWMTK0966-074
OPR	OPRWMTK0966-074	OPRWMTK0966-074
MS	KMW-9MS	881328-006MS
MS	881288-006MS	881288-006MS
MSD	881288-006MSD	881288-006MSD
MSD	KMW-9MSD	881328-006MSD

Client Sample ID	Lab Sample ID	Client Sample ID	Lab Sample ID
DUP001	881328-002	KMW-7	881328-003
KMW-4	881328-004	KMW-9P	881328-005
KMW-9	881328-006		

Test Name	Method Blank Result Conc		Method Blank 2 Result Conc		Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Diss	0.181	<	0.163	<	0.163	5	5.1	101.4	4.8	96.9	79	121	881288-006	0.89	5.0	5.9	100.5		5.0	6.1	104.5		3.3		75	125	24
Mercury - Low Level - Diss													881328-006	0.60	2.0	2.5	95.9		2.0	2.4	91.0		4.0		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 3/20/2007
QC Batch Number: 18756

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch Number: 881328
Lab Section: METALS-K
QC Batch Number: 18813
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-075	MBMTK0966-075
MB2	MB2WMTK0966-075	MB2WMTK0966-075
MB3	MB3WMTK0966-075	MB3WMTK0966-075
IPR	IPRWMTK0966-075	IPRWMTK0966-075
OPR	OPRWMTK0966-075	OPRWMTK0966-075
MS	881323-005MS	881323-005MS
MS	881321-001MS	881321-001MS
MS	881322-003MS	881322-003MS
MSD	881322-003MSD	881322-003MSD
MSD	881323-005MSD	881323-005MSD
MSD	881321-001MSD	881321-001MSD

Client Sample ID FBK-002 **Lab Sample ID** 881328-007 **Client Sample ID** **Lab Sample ID**

Test Name	Method Blank Result Conc	Method Blank 2 Result Conc	Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.24	< 0.163	0.1711	5	4.845	96.9	4.971	99.4	79	121	881321-001	1.7	5.0	6.3	93.3		5.0	6.1	88.4		4.0		75	125	24
Mercury - Low Level											881322-003	2.57	10.0	11	84.4		10.0	11.5	89.1		4.1		75	125	24
Mercury - Low Level											881323-005	68.71	100.0	157.3	88.6		100.0	159.5	90.8		1.4		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 3/20/2007
QC Batch Number: 18813

Sample Condition Upon Receipt

Pace Analytical

Client Name: FOTH

Project # 881328

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Optional: Proj. Due Date: Proj. Name:

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: 5B

Type of Ice: (Wet) Blue None

☑ Samples on ice, cooling process has begun

Cooler Temperature: 1.0

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: KB 3/7/07 CS 3-7-07

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. NITRATE
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: GW		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed: RB / Lot # of added preservative:
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16. HCl blanks WS 3/7
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: All for TN **Date:** 3/7/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Company Name:	North Jackson Co.
Branch/Location:	Marquette, MI
Project Contact:	J. Kesy - FUD
Phone:	
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Andrew Marzini, Kamran Syed, Richard Eagle
Sampled By (Sign):	
PO #:	Regulatory Program:

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

JCY

Page 1 of

COC No. 017864

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other = ZnNaOH

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	FUD
Mail To Address:	2737 S. Ridge Rd Ste 600 Green Bay, WI 54304
Invoice To Contact:	J. Kesy
Invoice To Company:	FUD
Invoice To Address:	SAME
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
					N	A	see FUD Parameter List		Profile #
001	Trip Blank	3/6/07	—	W		B			2-40mL B
002	DUP001	3/6/07	—	GW	1	3	1 2 1 1		2-500mL A,D, 4-250mL C DGJ, 1-500mL CG, 3-40mL B
003	KMW-7		1051	GW	1	3	1 2 1 1		↓
004	KMW-4		1525	↓	4	3	1 2 1 1		3-1LAG, 2-250mL A,D, 4-250mL CDGJ, 1-500mL CG, 3-40mL B
005	KMW-9P		1230		1	3	1 2 1 1		2-500mL A,D, 4-250mL CDGJ, 1-500mL CG, 3-40mL B
006	KMW-9	↓	1340	↓	1	3	1 2 1 1		↓
007	FBK-002	↓	1330	W	2	3	1 1 1 2		

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard Eagle	3/6/07 1715	FED EX	
FED EX	3/7/07 0840		3/7/07 0840

PACE Project No. 881328

Receipt Temp = 1.0 °C

Sample Receipt pH: OK / Adjusted

Cooler Custody Seal: Present / Not Present

Intact / Not Intact

Version 6.0 06/14/06

ORIGINAL

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 881328
Lab Section: BNASIM
QC Batch Number: 18778
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog2114-19MB	svog2114-19MB
LCS	svog2114-19LCS	svog2114-19LCS
MS	881389-020MS	881389-020MS
MSD	881389-020MSD	881389-020MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
KMW-4	881328-004	MB			

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881328
Lab Section: METALS
QC Batch Number: 18688
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2102-36	MBWMTG2102-36
MB	MBDMTG2102-36	MBDMTG2102-36
LCS	LCSWMTG2102-36	LCSWMTG2102-36
LCS	LCSDMTG2102-36	LCSDMTG2102-36
MS	FBK-002MS	881328-007MS
MS	DUP001MS	881328-002MS
MSD	FBK-002MSD	881328-007MSD
MSD	DUP001MSD	881328-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
DUP001	881328-002	MB	KMW-7	881328-003	MB
KMW-4	881328-004	MB	KMW-9P	881328-005	MB
KMW-9	881328-006	MB	FBK-002	881328-007	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum - Dissolved	<	6.3	10000	9738	97.4		---	---	---		---		75	125	20	881328-002		12.450	10000	9373	93.6		10000	9288	92.8		0.9		75	125	20
Antimony - Dissolved	<	0.24	200.0	199.8	99.9		---	---	---		---		75	125	20	881328-002	<	0.24	200.0	200.6	100.3		200.0	203.3	101.7		1.3		75	125	20
Arsenic - Dissolved	<	0.13	200.0	191.1	95.6		---	---	---		---		75	125	20	881328-002		3.530	200.0	198.3	97.4		200.0	202	99.2		1.8		75	125	20
Barium - Dissolved	J	0.22	200.0	189.4	94.7		---	---	---		---		75	125	20	881328-002		44.27	200.0	240.5	98.1		200.0	243.4	99.6		1.2		75	125	20
Beryllium - Dissolved	<	0.1	200.0	187	93.5		---	---	---		---		75	125	20	881328-002		0.4600	200.0	170.6	85.1		200.0	175.8	87.7		3.0		75	125	20
Boron - Dissolved	<	1.2	200.0	190.1	95.1		---	---	---		---		75	125	20	881328-002		85.05	200.0	249	82.0		200.0	259.2	87.1		4.0		75	125	20
Cadmium - Dissolved	<	0.12	200.0	189.8	94.9		---	---	---		---		75	125	20	881328-002	<	0.12	200.0	183.5	91.8		200.0	186.4	93.2		1.6		75	125	20
Calcium - Dissolved	J	19	10000	9988	99.9		---	---	---		---		75	125	20	881328-002		170000	10000	180000	129.0	+	10000	190000	167.0	+	2.1		75	125	20
Chromium - Dissolved	<	0.32	200.0	188	94.0		---	---	---		---		75	125	20	881328-002		0.8000	200.0	182.7	90.9		200.0	185.5	92.3		1.5		75	125	20
Cobalt - Dissolved	<	0.026	200.0	182.4	91.2		---	---	---		---		75	125	20	881328-002		13.61	200.0	185.6	85.9		200.0	190.8	88.5		2.8		75	125	20
Copper - Dissolved	<	0.59	200.0	180.7	90.3		---	---	---		---		75	125	20	881328-002	<	0.59	200.0	168.1	84.1		200.0	172.1	86.1		2.4		75	125	20
Iron - Dissolved	J	9.5	10000	8660	86.6		---	---	---		---		75	125	20	881328-002		130000	10000	140000	113.0	+	10000	150000	152.0	+	2.7		75	125	20
Lead - Dissolved	<	0.049	200.0	191.9	95.9		---	---	---		---		75	125	20	881328-002		0.2900	200.0	202.2	101.0		200.0	205.6	102.7		1.7		75	125	20
Magnesium - Dissolved	J	58	10000.0	9812	98.1		---	---	---		---		75	125	20	881328-002		72740.0	10000.0	82310	95.7	+	10000.0	84300	115.6	+	2.4		75	125	20
Manganese - Dissolved	<	0.12	200.000	198.6	99.3		---	---	---		---		75	125	20	881328-002		25260.0	200.000	25160	-50.0	+	200.000	25760	250.0	+	2.4		75	125	20
Molybdenum - Dissolved	<	0.61	200.0	191.1	95.6		---	---	---		---		75	125	20	881328-002		1.470	200.0	183.6	91.1		200.0	186.8	92.7		1.7		75	125	20
Nickel - Dissolved	<	0.32	200.0	183.9	91.9		---	---	---		---		75	125	20	881328-002		2.070	200.0	174.7	86.3		200.0	176.4	87.2		1.0		75	125	20
Potassium - Dissolved	J	12	10000.0	9736	97.4		---	---	---		---		75	125	20	881328-002		7194.00	10000.0	16600	94.1		10000.0	16830	96.4		1.4		75	125	20
Selenium - Dissolved	<	0.67	200.0	186	93.0		---	---	---		---		75	125	20	881328-002		0.8000	200.0	193.1	96.2		200.0	196.5	97.8		1.7		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18688

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD		LCS/LCSD Control Limits			Parent Sample Number		Parent Result	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD		MS/MSD Control Limits		
		Conc		Conc	%	C		Conc	%	C	%	C	LCL %	UCL %	RPD %			Conc		Conc	%	C		Conc	%	C	%	C	LCL %	UCL %	RPD %
Silver - Dissolved	<	0.034	100	100	100		---	---	---		---		75	125	20	881328-002	<	0.034	100	88.6	88.6		100	87.9	87.9		0.8		75	125	20
Sodium - Dissolved	J	75	10000.0	10100	101.0		---	---	---		---		75	125	20	881328-002		6915.00	10000.0	16520	96.1		10000.0	16690	97.8		1.0		75	125	20
Thallium - Dissolved	<	0.053	200.0	187.8	93.9		---	---	---		---		75	125	20	881328-002		0.1000	200.0	199.8	99.8		200.0	201.7	100.8		0.9		75	125	20
Vanadium - Dissolved	<	0.1	200.0	183.2	91.6		---	---	---		---		75	125	20	881328-002		1.450	200.0	186.3	92.4		200.0	189.9	94.2		1.9		75	125	20
Zinc - Dissolved	<	0.98	200.0	185.5	92.8		---	---	---		---		75	125	20	881328-002		51.17	200.0	222.9	85.9		200.0	229.5	89.2		2.9		75	125	20
Aluminum	<	6.3	10000.0	9738	97.4		---	---	---		---		75	125	20	881328-007	<	6.3	10000.0	10060	100.6		10000.0	10150	101.5		0.9		75	125	20
Antimony	<	0.24	200.0	199.8	99.9		---	---	---		---		75	125	20	881328-007	<	0.24	200.0	207.5	103.8		200.0	203.7	101.8		1.8		75	125	20
Arsenic	<	0.13	200.0	191.1	95.6		---	---	---		---		75	125	20	881328-007	<	0.13	200.0	196.9	98.4		200.0	195.2	97.6		0.9		75	125	20
Barium	J	0.22	200.0	189.4	94.7		---	---	---		---		75	125	20	881328-007		0.7600	200.0	198.4	98.8		200.0	194.1	96.7		2.2		75	125	20
Beryllium	<	0.1	200.0	187	93.5		---	---	---		---		75	125	20	881328-007	<	0.1	200.0	198.3	99.2		200.0	194.3	97.2		2.0		75	125	20
Boron	<	1.2	200.0	190.1	95.1		---	---	---		---		75	125	20	881328-007		237.2	200.0	429.6	96.2		200.0	436.8	99.8		1.7		75	125	20
Cadmium	<	0.12	200.0	189.8	94.9		---	---	---		---		75	125	20	881328-007	<	0.12	200.0	197.1	98.6		200.0	193.1	96.6		2.1		75	125	20
Calcium	J	19	10000.0	9988	99.9		---	---	---		---		75	125	20	881328-007		74.6200	10000.0	10230	101.6		10000.0	9842	97.7		3.9		75	125	20
Chromium	<	0.32	200.0	188	94.0		---	---	---		---		75	125	20	881328-007	<	0.32	200.0	194	97.0		200.0	194.1	97.1		0.1		75	125	20
Cobalt	<	0.026	200.0	182.4	91.2		---	---	---		---		75	125	20	881328-007	<	0.026	200.0	189.3	94.7		200.0	184.7	92.3		2.5		75	125	20
Copper	<	0.59	200.0	180.7	90.3		---	---	---		---		75	125	20	881328-007	<	0.59	200.0	185.8	92.9		200.0	184.8	92.4		0.5		75	125	20
Iron	J	9.5	10000	8660	86.6		---	---	---		---		75	125	20	881328-007		10.970	10000	9593	95.8		10000	8935	89.2		7.1		75	125	20
Lead	<	0.049	200.0	191.9	95.9		---	---	---		---		75	125	20	881328-007		0.1000	200.0	201.6	100.8		200.0	198.6	99.2		1.5		75	125	20
Magnesium	J	58	10000.0	9812	98.1		---	---	---		---		75	125	20	881328-007		54.1000	10000.0	10180	101.3		10000.0	10210	101.6		0.3		75	125	20
Manganese	<	0.12	200.0	198.6	99.3		---	---	---		---		75	125	20	881328-007	<	0.12	200.0	205.2	102.6		200.0	202.4	101.2		1.4		75	125	20
Molybdenum	<	0.61	200.0	191.1	95.6		---	---	---		---		75	125	20	881328-007	<	0.61	200.0	199.8	99.9		200.0	196	98.0		1.9		75	125	20
Nickel	<	0.32	200.0	183.9	91.9		---	---	---		---		75	125	20	881328-007	<	0.32	200.0	190.2	95.1		200.0	186.8	93.4		1.8		75	125	20
Potassium	J	12	10000.0	9736	97.4		---	---	---		---		75	125	20	881328-007		27.1800	10000.0	10090	100.6		10000.0	10150	101.2		0.6		75	125	20
Selenium	<	0.67	200.0	186	93.0		---	---	---		---		75	125	20	881328-007	<	0.67	200.0	192.3	96.2		200.0	189.3	94.7		1.6		75	125	20
Silver	<	0.034	100	100	100		---	---	---		---		75	125	20	881328-007	<	0.034	100	96.5	96.5		100	94.6	94.6		2.0		75	125	20
Sodium	J	75	10000.0	10100	101.0		---	---	---		---		75	125	20	881328-007		2697.00	10000.0	12980	102.8		10000.0	12880	101.8		0.8		75	125	20
Thallium	<	0.053	200.0	187.8	93.9		---	---	---		---		75	125	20	881328-007	<	0.053	200.0	196.4	98.2		200.0	193.9	96.9		1.3		75	125	20
Vanadium	<	0.1	200.0	183.2	91.6		---	---	---		---		75	125	20	881328-007		0.2600	200.0	186	92.9		200.0	186.1	92.9		0.1		75	125	20
Zinc	<	0.98	200.0	185.5	92.8		---	---	---		---		75	125	20	881328-007	<	0.98	200.0	191.8	95.9		200.0	190.9	95.4		0.5		75	125	20

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

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Report Date: 9/4/2007

QC Batch Number: 18688

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 881328
Lab Section: METALS-K
QC Batch Number: 18756
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-074	MBMTK0966-074
IPR	IPRWMTK0966-074	IPRWMTK0966-074
OPR	OPRWMTK0966-074	OPRWMTK0966-074
MS	KMW-9MS	881328-006MS
MS	881288-006MS	881288-006MS
MSD	KMW-9MSD	881328-006MSD
MSD	881288-006MSD	881288-006MSD

Client Sample ID	Lab Sample ID	MB ID
DUP001	881328-002	MB
KMW-4	881328-004	MB
KMW-9	881328-006	MB
KMW-7	881328-003	MB
KMW-9P	881328-005	MB

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18756

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881328
Lab Section: METALS-K
QC Batch Number: 18813
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-075	MBMTK0966-075
IPR	IPRWMTK0966-075	IPRWMTK0966-075
OPR	OPRWMTK0966-075	OPRWMTK0966-075
MS	881323-005MS	881323-005MS
MS	881322-003MS	881322-003MS
MS	881321-001MS	881321-001MS
MSD	881323-005MSD	881323-005MSD
MSD	881322-003MSD	881322-003MSD
MSD	881321-001MSD	881321-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK-002	881328-007	MB			

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 18813

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881328
Lab Section: PCB-K
QC Batch Number: 18677
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-051PCBMB	SVG2057-051PCBMB
LCS	SVG2057-051PCBLCS	SVG2057-051PCBLCS
LCSD	SVG2057-051PCBLCSD	SVG2057-051PCBLCSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
KMW-4	881328-004	MB			

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1221	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1232	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1242	<	0.24	5.0	5.1	103		5.0	5.3	105		2.4		47	138	20	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1248	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1254	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1260	<	0.24	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Total PCBs	<	0.24	---	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Tetrachloro-m-xylene		87%	---	---	84		---	---	86		---		42	122	---	---	---	---	---	---		---	---	---		---		---	---	---
Decachlorobiphenyl		87%	---	---	83		---	---	84		---		10	128	---	---	---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 18677

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881328
Lab Section: VOA
QC Batch Number: 18650
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2131-81MB	vog2131-81MB
LCS	vog2131-81LCS	vog2131-81LCS
LCSD	vog2131-81LCSD	vog2131-81LCSD
MS	881288-004MS	881288-004MS
MSD	881288-004MSD	881288-004MSD

Client Sample ID	Lab Sample ID	MB ID
TRIP BLANK	881328-001	MB
KMW-7	881328-003	MB
KMW-9P	881328-005	MB
FBK-002	881328-007	MB

Client Sample ID	Lab Sample ID	MB ID
DUP001	881328-002	MB
KMW-4	881328-004	MB
KMW-9	881328-006	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
1,1,1-Trichloroethane	< 0.9	50.0	49.9	100		50.0	51.3	103		2.8		75	128	20	881288-004	< 0.9	50.0	51.3	103		50.0	51.6	103		0.7		70	130	30
1,1,2,2-Tetrachloroethane	< 0.2	50.0	45.3	91		50.0	48	96		5.7		67	125	20	881288-004	< 0.2	50.0	49.7	99		50.0	49.9	100		0.5		70	130	30
1,1,2-Trichloroethane	< 0.42	50.0	48.2	96		50.0	50.2	100		4.0		75	125	20	881288-004	< 0.42	50.0	50.3	101		50.0	49.9	100		0.8		70	130	30
1,1-Dichloroethane	< 0.75	50.0	49	98		50.0	49.9	100		1.8		71	130	20	881288-004	< 0.75	50.0	52	104		50.0	50.3	101		3.4		70	130	30
1,1-Dichloroethene	< 0.57	50.0	50.5	101		50.0	53.2	106		5.1		75	125	20	881288-004	< 0.57	50.0	51.8	104		50.0	52	104		0.4		70	135	30
1,2-Dichloroethane	< 0.36	50.0	46.9	94		50.0	48.9	98		4.3		71	132	20	881288-004	< 0.36	50.0	49.8	100		50.0	48.4	97		2.9		70	130	30
1,2-Dichloroethene, Total	< 1.4	100.0	101.6	102		100.0	104.7	105		3.0		75	125	20	881288-004	< 1.4	100.0	104.2	104		100.0	103.5	103		0.6		70	130	30
1,2-Dichloropropane	< 0.46	50.0	46.6	93		50.0	48.7	97		4.5		73	125	20	881288-004	< 0.46	50.0	48.8	98		50.0	47.3	95		2.9		70	130	30
2-Butanone	< 4.3	50.0	40.7	81		50.0	42.9	86		5.2		59	130	20	881288-004	< 4.3	50.0	44	88		50.0	43.6	87		0.9		51	130	30
2-Hexanone	< 1.1	50.0	39.6	79		50.0	41.8	84		5.4		51	125	20	881288-004	< 1.1	50.0	43.3	87		50.0	47.5	95		9.2		53	130	30
4-Methyl-2-pentanone	< 1.2	50.0	39.1	78		50.0	41.4	83		5.7		59	125	20	881288-004	< 1.2	50.0	43.6	87		50.0	43.2	86		1.0		62	130	30
Acetone	< 2.3	50.0	43.5	87		50.0	39.5	79		9.5		31	150	20	881288-004	< 2.3	50.0	45.2	90		50.0	44.8	90		1.0		42	132	30
Benzene	< 0.41	50.0	49.4	99		50.0	51.2	102		3.7		75	125	20	881288-004	< 0.41	50.0	53.1	106		50.0	51	102		4.0		70	130	30
Bromodichloromethane	< 0.56	50.0	50.1	100		50.0	51.2	102		2.1		75	125	20	881288-004	< 0.56	50.0	50.6	101		50.0	50.7	101		0.2		70	130	30
Bromoform	< 0.94	50.0	44.1	88		50.0	47.8	96		8.1		75	125	20	881288-004	< 0.94	50.0	45.9	92		50.0	45.7	91		0.5		70	130	30
Bromomethane	< 0.91	50.0	41.4	83		50.0	45	90		8.4		66	125	20	881288-004	< 0.91	50.0	50.2	100		50.0	47.6	95		5.3		63	147	30
Carbon Disulfide	< 0.66	50.0	49.8	100		50.0	50.4	101		1.2		71	128	20	881288-004	< 0.66	50.0	50.2	100		50.0	49.6	99		1.3		56	142	30
Carbon Tetrachloride	< 0.49	50.0	51.8	104		50.0	53.3	107		2.9		75	125	20	881288-004	< 0.49	50.0	53	106		50.0	51.9	104		2.0		70	131	30
Chlorobenzene	< 0.41	50.0	51.7	103		50.0	53.7	107		3.8		75	125	20	881288-004	< 0.41	50.0	52.6	105		50.0	51.9	104		1.3		70	130	30
Chlorodibromomethane	< 0.81	50.0	49.3	99		50.0	51.8	104		5.0		75	125	20	881288-004	< 0.81	50.0	51.1	102		50.0	50.4	101		1.3		70	130	30
Chloroethane	< 0.97	50.0	47.8	96		50.0	48.8	98		2.0		72	126	20	881288-004	< 0.97	50.0	48.8	98		50.0	49.3	99		0.9		67	138	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18650

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD		LCS/LCSD Control Limits			Parent Sample Number	Parent Result		MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD		MS/MSD Control Limits		
		Conc		Conc	%	C		Conc	%	C	%	C	LCL %	UCL %	RPD %			Conc		Conc	%	C		Conc	%	C		%	C	LCL %	UCL %	RPD %
Chloroform	<	0.37	50.0	50.3	101		50.0	51.3	103		1.9		75	125	20	881288-004	<	0.37	50.0	53.7	107		50.0	51	102		5.2		70	130	30
Chloromethane	<	0.24	50.0	37	74		50.0	37.1	74		0.4		46	143	20	881288-004	<	0.24	50.0	37.3	75		50.0	38	76		1.9		43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	47	94		50.0	47.8	96		1.7		75	125	20	881288-004	<	0.19	50.0	47.3	95		50.0	46.5	93		1.7		70	130	30
Ethylbenzene	<	0.54	50.0	52.2	104		50.0	54.5	109		4.3		75	125	20	881288-004	<	0.54	50.0	54.1	108		50.0	52.5	105		2.9		70	136	30
Methylene Chloride	<	0.43	50.0	50	100		50.0	50.4	101		0.7		75	125	20	881288-004	<	0.43	50.0	53.1	106		50.0	50	100		5.9		70	130	30
Styrene	<	0.86	50.0	54.3	109		50.0	56.8	114		4.5		75	125	20	881288-004	<	0.86	50.0	52.5	105		50.0	48.8	98		7.3		70	130	30
Tetrachloroethene	<	0.45	50.0	50.1	100		50.0	52.4	105		4.4		75	130	20	881288-004	<	0.45	50.0	51.4	103		50.0	51.3	103		0.4		70	130	30
Toluene	<	0.67	50.0	51.1	102		50.0	54.5	109		6.3		75	125	20	881288-004	<	0.67	50.0	53.3	107		50.0	52.9	106		0.8		70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	48.2	96		50.0	50.7	101		5.0		75	125	20	881288-004	<	0.19	50.0	50.8	102		50.0	50.2	100		1.3		70	130	30
Trichloroethene	<	0.48	50.0	50.3	101		50.0	51.3	103		1.9		75	125	20	881288-004	<	0.48	50.0	50.9	102		50.0	50.3	101		1.2		70	130	30
Vinyl Chloride	<	0.18	50.0	44.1	88		50.0	45.8	92		3.7		65	130	20	881288-004	<	0.18	50.0	45	90		50.0	44.2	88		1.8		62	138	30
Xylene, Total	<	2.6	150.0	159.4	106		150.0	166.2	111		4.2		75	125	20	881288-004	<	2.6	150.0	162	108		150.0	156.9	105		3.2		70	130	30
4-Bromofluorobenzene		106%	---	---	107		---	---	107		---		64	132	---	881288-004		104%	---	---	105		---	---	108		---		64	132	---
Toluene-d8		112%	---	---	111		---	---	114		---		73	127	---	881288-004		109%	---	---	112		---	---	111		---		73	127	---
Dibromofluoromethane		106%	---	---	108		---	---	108		---		68	122	---	881288-004		110%	---	---	111		---	---	111		---		68	122	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

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Report Date: 9/4/2007

QC Batch Number: 18650

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881328
Lab Section: WETCHEM
QC Batch Number: 18648
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2138-024MB	WCG2138-024MB
LCS	WCG2138-024MBLCS	WCG2138-024MBLCS
MS	881329-003MS	881329-003MS
MSD	881329-003MSD	881329-003MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
DUP001	881328-002	MB	KMW-7	881328-003	MB
KMW-4	881328-004	MB	KMW-9P	881328-005	MB
KMW-9	881328-006	MB	FBK-002	881328-007	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	1.1	20.00	18.8	93.8		---	---	---		---		90	110	20	881329-003		196.3	200.0	394.5	99.1		200.0	398.1	100.9		0.9		90	110	20
Fluoride	<	0.059	2.0	2	99.5		---	---	---		---		90	110	20	881329-003		0.31	2.0	2.3	100.0		2.0	2.3	98.0		1.7		90	110	20
Nitrogen, Nitrate	<	0.085	1.60	1.6	101.9		---	---	---		---		90	110	20	881329-003		2.50	8.00	12.8	128.1	N	8.00	11.3	110.0		12.1		90	110	20
Nitrogen, Nitrite	<	0.036	0.80	0.76	95.0		---	---	---		---		90	110	20	881329-003	<	0.036	0.80	1.4	168.8	N	0.80	1.3	167.5	N	0.7		90	110	20
Sulfate	<	0.51	16.00	15.9	99.4		---	---	---		---		90	110	20	881329-003		59.95	80.00	159.7	124.7	N	80.00	137.4	96.8		15.0		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18648

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881328
Lab Section: WETCHEM
QC Batch Number: 18671
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-088MB	WCG1919-088MB
LCS	WCG1919-088MBLCS	WCG1919-088MBLCS
LCSD	WCG1919-088MBLCSD	WCG1919-088MBLCSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
DUP001	881328-002	MB	KMW-7	881328-003	MB
KMW-4	881328-004	MB	KMW-9P	881328-005	MB
KMW-9	881328-006	MB	FBK-002	881328-007	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	C	LCS/LCSD RPD	C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Sulfide	< 2.5	47.2	43.6	92.4		47.2	46.8	99.2		7.1		80	120	20	---	---	---	---	---		---	---	---		---		---	---	---

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18671

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881328
Lab Section: WETCHEM
QC Batch Number: 18720
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-090MB	WCG1919-090MB
LCS	WCG1919-090MBLCS	WCG1919-090MBLCS
MS	881288-003MS	881288-003MS
MSD	881288-003MSD	881288-003MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
DUP001	881328-002	MB	KMW-7	881328-003	MB
KMW-4	881328-004	MB	KMW-9P	881328-005	MB
KMW-9	881328-006	MB	FBK-002	881328-007	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Bicarbonate Alkalinity	<	1.7	77.40	81.4	105.2		---	---	---		---		80	120	20	881288-003	167.2	100.0	248.6	81.4		100.0	275	107.8		10.1		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18720

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 881328
Lab Section: WETCHEM
QC Batch Number: 18780
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-029MB	WCG2151-029MB
LCS	WCG2151-029MBLCS	WCG2151-029MBLCS
MS	881367-006MS	881367-006MS
MS	881262-005MS	881262-005MS
MSD	881367-006MSD	881367-006MSD
MSD	881262-005MSD	881262-005MSD

Client Sample ID	Lab Sample ID	MB ID
DUP001	881328-002	MB
KMW-4	881328-004	MB
KMW-9	881328-006	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-7	881328-003	MB
KMW-9P	881328-005	MB
FBK-002	881328-007	MB

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18780

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881328
Lab Section: WETCHEM
QC Batch Number: 18804
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-031MB	WCG2151-031MB
LCS	WCG2151-031MBLCS	WCG2151-031MBLCS
MS	881288-006MS	881288-006MS
MS	881282-001MS	881282-001MS
MSD	881288-006MSD	881288-006MSD
MSD	881282-001MSD	881282-001MSD

Client Sample ID	Lab Sample ID	MB ID
DUP001	881328-002	MB
KMW-4	881328-004	MB
KMW-9	881328-006	MB
KMW-7	881328-003	MB
KMW-9P	881328-005	MB
FBK-002	881328-007	MB

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18804

Batch No. 881367

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
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Phone: 920.469.2436
Fax: 920.469.8827

March 21, 2007

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 881367 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Alec Th for Tod N

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 881367

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
881367-001	TRIP BLANK	WATER	03/07/07
881367-002	FBK-003	WATER	03/07/07 11:00
881367-003	MW-606	WATER	03/07/07 11:05
881367-004	MW-603	WATER	03/07/07 12:40
881367-005	KMW-10	WATER	03/07/07 13:55
881367-006	MW-605	WATER	03/07/07 11:45
881367-007	P-605	WATER	03/07/07 10:45
881367-008	KMW-3	WATER	03/07/07 15:20
881367-009	MW-604	WATER	03/07/07 13:50
881367-010	P-604	WATER	03/07/07 13:00
881367-011	DUP-003	WATER	03/07/07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alex Kn for Tod N — Approval Signature

3/22/07 — Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	1.5		0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	82		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	84		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	90		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-003

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	11	B	6.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Arsenic	0.13	U	0.13	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Barium	0.73	B	0.12	1.0	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Boron	210		1.2	10	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Cadmium	0.12	U	0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Calcium	190	B	13	500	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Cobalt	0.026	U	0.026	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Copper	0.75	B	0.59	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Hardness	0.97	B	0.15	2.0	1	mg/L		03/11/07	SW846 3020A	6020/2340B
Iron	9.3	U	9.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lead	0.14	B	0.049	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lithium	0.63		0.050	0.10	1	ug/L		03/15/07	EPA 3020	EPA 6020
Magnesium	120	B	4.6	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Manganese	0.51	B	0.12	1.0	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Mercury - Low Level	0.272		0.163	0.163	1	ng/L		03/14/07	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	10	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Nickel	0.32	U	0.32	1.0	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Potassium	27	B	5.7	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	0.50	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Sodium	3400		17	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Vanadium	0.36	B	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Zinc	0.98	U	0.98	10	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	6.6	B	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	4.6	B	1.1	5.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.18	B	0.059	0.50	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.16	B	0.085	0.40	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfate	1.8	B	0.51	4.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/09/07	EPA 376.1	EPA 376.1
Total Alkalinity	6.6	B	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-003

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	84		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	84		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	88		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-606

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	0.51	B	0.13	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Barium - Dissolved	17		0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Boron - Dissolved	32		1.2	10	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Calcium - Dissolved	16000		13	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.45	B	0.026	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Hardness - Dissolved	87		0.15	2.0	1	mg/L		03/11/07	SW846 3020A	6020/2340B
Iron - Dissolved	350		9.3	50	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Lithium - Dissolved	4.4		0.25	0.50	1	ug/L		03/15/07	EPA 3020	EPA 6020
Magnesium - Dissolved	11000		4.6	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Manganese - Dissolved	790		0.12	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	4.7	B	0.61	10	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Nickel - Dissolved	3.4		0.32	1.0	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Potassium - Dissolved	3300		5.7	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Sodium - Dissolved	620		17	500	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.37	B	0.10	1.0	1	ug/L		03/11/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/11/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.461	B	0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	66		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	2.5	B	1.1	5.0	1	mg/L	N	03/08/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.35	B	0.059	0.50	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/14/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.070	B	0.036	0.10	1	mg/L	H	03/13/07	EPA 300.0	EPA 300.0
Sulfate	27		0.51	4.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/09/07	EPA 376.1	EPA 376.1
Total Alkalinity	66		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-606

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-003

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	81		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	82		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	88		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-603

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	18	B	6.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	3.7		0.13	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Barium - Dissolved	11		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Boron - Dissolved	33		1.2	10	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Calcium - Dissolved	6600		13	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	16		0.026	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Hardness - Dissolved	39		0.15	2.0	1	mg/L		03/12/07	SW846 3020A	6020/2340B
Iron - Dissolved	3900		9.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.050	B	0.049	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lithium - Dissolved	9.2		0.25	0.50	1	ug/L		03/15/07	EPA 3020	EPA 6020
Magnesium - Dissolved	5500		4.6	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Manganese - Dissolved	1700		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.5	B	0.61	10	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Nickel - Dissolved	100		0.32	1.0	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Potassium - Dissolved	2000		5.7	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Sodium - Dissolved	420	B	17	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.46	B	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.386	B	0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	24		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	2.5	B	1.1	5.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.58		0.059	0.50	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfate	26		0.51	4.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/09/07	EPA 376.1	EPA 376.1
Total Alkalinity	24		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-603

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-004

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	80		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	76		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	91		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-10

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	12	B	6.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	4.4		0.13	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Barium - Dissolved	34		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Boron - Dissolved	46		1.2	10	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Calcium - Dissolved	22000		13	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.40	B	0.32	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	3.9		0.026	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Hardness - Dissolved	100		0.15	2.0	1	mg/L		03/12/07	SW846 3020A	6020/2340B
Iron - Dissolved	7400		9.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lithium - Dissolved	2.2		0.25	0.50	1	ug/L		03/15/07	EPA 3020	EPA 6020
Magnesium - Dissolved	11000		4.6	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Manganese - Dissolved	2200		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	2.9	B	0.61	10	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Nickel - Dissolved	1.8		0.32	1.0	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Potassium - Dissolved	3100		5.7	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Sodium - Dissolved	1900		17	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.87	B	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.854		0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	96		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	2.7	B	1.1	5.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.41	B	0.059	0.50	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfate	14		0.51	4.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/09/07	EPA 376.1	EPA 376.1
Total Alkalinity	96		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-10

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-005

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.41	J	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	81		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	79		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	89		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-605

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-006

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	1.6		0.13	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Barium - Dissolved	33		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Boron - Dissolved	44		1.2	10	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Calcium - Dissolved	20000		13	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	1.9		0.026	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Hardness - Dissolved	95		0.15	2.0	1	mg/L		03/12/07	SW846 3020A	6020/2340B
Iron - Dissolved	990		9.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lithium - Dissolved	2.6		0.25	0.50	1	ug/L		03/15/07	EPA 3020	EPA 6020
Magnesium - Dissolved	11000		4.6	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Manganese - Dissolved	4400		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	3.8	B	0.61	10	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Nickel - Dissolved	4.2		0.32	1.0	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Potassium - Dissolved	4000		5.7	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Sodium - Dissolved	960		17	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.42	B	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.720		0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	110		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	2.6	B	1.1	5.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/13/07	EPA 335.4	EPA 335.4
Fluoride	0.42	B	0.059	0.50	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfate	11		0.51	4.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/09/07	EPA 376.1	EPA 376.1
Total Alkalinity	110		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-605

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-006

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	81		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	82		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	90		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-605

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-007

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	6.6		0.13	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Barium - Dissolved	31		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Boron - Dissolved	49		1.2	10	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Calcium - Dissolved	23000		13	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.39	B	0.026	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Hardness - Dissolved	110		0.15	2.0	1	mg/L		03/12/07	SW846 3020A	6020/2340B
Iron - Dissolved	4700		9.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lithium - Dissolved	2.5		0.25	0.50	1	ug/L		03/15/07	EPA 3020	EPA 6020
Magnesium - Dissolved	12000		4.6	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Manganese - Dissolved	3300		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	4.2	B	0.61	10	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.67	B	0.32	1.0	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Potassium - Dissolved	4700		5.7	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Sodium - Dissolved	1200		17	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.69	B	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.474	B	0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	110		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	2.6	B	1.1	5.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.45	B	0.059	0.50	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfate	8.8		0.51	4.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/09/07	EPA 376.1	EPA 376.1
Total Alkalinity	110		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-605

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-007

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	82		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	78		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	91		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-3

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-008

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	12		0.13	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Barium - Dissolved	74		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Boron - Dissolved	39		1.2	10	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Calcium - Dissolved	41000		13	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.40	B	0.32	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	1.5		0.026	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Hardness - Dissolved	180		0.15	2.0	1	mg/L		03/12/07	SW846 3020A	6020/2340B
Iron - Dissolved	22000		9.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lithium - Dissolved	2.2		0.25	0.50	1	ug/L		03/15/07	EPA 3020	EPA 6020
Magnesium - Dissolved	18000		4.6	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Manganese - Dissolved	4700		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.0	B	0.61	10	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.83	B	0.32	1.0	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Potassium - Dissolved	2700		5.7	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Sodium - Dissolved	4000		17	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.75	B	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.860		0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	110		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	3.6	B	1.1	5.0	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.25	B	0.059	0.50	1	mg/L		03/12/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.75	B	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.030	U	0.030	0.10	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Sulfate	110		5.1	40	10	mg/L		03/12/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/09/07	EPA 376.1	EPA 376.1
Total Alkalinity	110		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-3

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-008

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	83		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	78		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	90		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-604

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-009

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	8.4	B	6.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	2.8		0.13	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Barium - Dissolved	39		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Boron - Dissolved	51		1.2	10	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Calcium - Dissolved	27000		13	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.44	B	0.32	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.95	B	0.026	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Hardness - Dissolved	120		0.15	2.0	1	mg/L		03/12/07	SW846 3020A	6020/2340B
Iron - Dissolved	14000		9.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lithium - Dissolved	3.5		0.25	0.50	1	ug/L		03/15/07	EPA 3020	EPA 6020
Magnesium - Dissolved	12000		4.6	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Manganese - Dissolved	2300		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.4	B	0.61	10	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.70	B	0.32	1.0	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Potassium - Dissolved	2800		5.7	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Sodium - Dissolved	1400		17	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.82	B	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.496	B	0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	130		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	2.7	B	1.1	5.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.42	B	0.059	0.50	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfate	1.8	B	0.51	4.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/09/07	EPA 376.1	EPA 376.1
Total Alkalinity	130		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-604

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-009

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L	M	03/12/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	81		64	132	1	%	M	03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	76		73	127	1	%	M	03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	93		68	122	1	%	M	03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-604

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-010

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	0.88	B	0.13	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Barium - Dissolved	12		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Boron - Dissolved	21		1.2	10	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Calcium - Dissolved	27000		13	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	1.8		0.026	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Hardness - Dissolved	110		0.15	2.0	1	mg/L		03/12/07	SW846 3020A	6020/2340B
Iron - Dissolved	1600		9.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.10	B	0.049	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lithium - Dissolved	0.52		0.25	0.50	1	ug/L		03/15/07	EPA 3020	EPA 6020
Magnesium - Dissolved	11000		4.6	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Manganese - Dissolved	80		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.3	B	0.61	10	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Nickel - Dissolved	1.2		0.32	1.0	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Potassium - Dissolved	2100		5.7	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Sodium - Dissolved	2100		17	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.39	B	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	1.63		0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	110		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	2.6	B	1.1	5.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.23	B	0.059	0.50	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfate	8.4		0.51	4.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/09/07	EPA 376.1	EPA 376.1
Total Alkalinity	110		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : P-604

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-010

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	82		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	81		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	92		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-003

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-011

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	0.48	B	0.13	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Barium - Dissolved	17		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Boron - Dissolved	32		1.2	10	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Calcium - Dissolved	16000		13	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.45	B	0.026	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Hardness - Dissolved	89		0.15	2.0	1	mg/L		03/12/07	SW846 3020A	6020/2340B
Iron - Dissolved	370		9.3	50	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Lithium - Dissolved	4.2		0.25	0.50	1	ug/L		03/15/07	EPA 3020	EPA 6020
Magnesium - Dissolved	12000		4.6	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Manganese - Dissolved	790		0.12	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	4.7	B	0.61	10	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Nickel - Dissolved	3.5		0.32	1.0	1	ug/L		03/14/07	SW846 3020A	SW846 6020
Potassium - Dissolved	3300		5.7	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Sodium - Dissolved	330	B	17	500	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.29	B	0.10	1.0	1	ug/L		03/12/07	SW846 3020A	SW846 6020
Zinc - Dissolved	0.98	U	0.98	10	1	ug/L	A	03/12/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.533		0.163	0.500	1	ng/L	V	03/12/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	66		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	2.6	B	1.1	5.0	1	mg/L	N	03/08/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.38	B	0.059	0.50	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfate	27		0.51	4.0	1	mg/L		03/08/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/09/07	EPA 376.1	EPA 376.1
Total Alkalinity	66		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881367

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-003

Matrix Type : WATER
Collection Date : 03/07/07
Report Date : 03/20/07
Lab Sample Number : 881367-011

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.52	J	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	83		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	82		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	90		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

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Lab Number	TestGroupID	Field ID	Comment
881367	W-SULF-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
881367-	M-AG-D	All Samples	A - Analyte is detected in the method blank at a concentration of -0.06 ug/L.
881367-	Metals SW846 602	All Samples	Internal standard limits of 30-140% used. All QC within limits.
881367-	M-ZN-D	All Samples	A - Analyte is detected in the method blank at a concentration of -2.7 ug/L.
881367-002	M-AG-W	FBK-003	A - Analyte is detected in the method blank at a concentration of -0.06 ug/L.
881367-002	M-BA-W	FBK-003	A - Analyte is detected in the method blank at a concentration of 0.21 ug/L.
881367-002	M-CA-W	FBK-003	A - Analyte is detected in the method blank at a concentration of -80 ug/L.
881367-002	M-MN-W	FBK-003	A - Analyte is detected in the method blank at a concentration of 0.57 ug/L.
881367-002	M-ZN-W	FBK-003	A - Analyte is detected in the method blank at a concentration of -2.7 ug/L.
881367-003	W-NO2-W	MW-606	H - Analysis performed "4" days past holding time. Sample initially analyzed within hold. This sample was associated within a QC batch that failed control limits and had to be re-analyzed.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	881367-001	881367-002	881367-003	881367-004	881367-005	881367-006	881367-007	881367-008	881367-009	881367-010	881367-011
ALKALINITY, BICARB/CARB/TOTAL		B	B	B	B	B	B	B	B	B	B
ALUMINUM		B									
ALUMINUM - DISSOLVED			B	B	B	B	B	B	B	B	B
ANTIMONY		B									
ANTIMONY - DISSOLVED			B	B	B	B	B	B	B	B	B
ARSENIC		B									
ARSENIC - DISSOLVED			B	B	B	B	B	B	B	B	B
BARIUM		B									
BARIUM - DISSOLVED			B	B	B	B	B	B	B	B	B
BERYLLIUM		B									
BERYLLIUM - DISSOLVED			B	B	B	B	B	B	B	B	B
BORON		B									
BORON - DISSOLVED			B	B	B	B	B	B	B	B	B
CADMIUM		B									
CADMIUM - DISSOLVED			B	B	B	B	B	B	B	B	B
CALCIUM		B									
CALCIUM - DISSOLVED			B	B	B	B	B	B	B	B	B
CHLORIDE		B	B	B	B	B	B	B	B	B	B
CHROMIUM		B									
CHROMIUM - DISSOLVED			B	B	B	B	B	B	B	B	B
COBALT		B									
COBALT - DISSOLVED			B	B	B	B	B	B	B	B	B
COPPER		B									
COPPER - DISSOLVED			B	B	B	B	B	B	B	B	B
CYANIDE, TOTAL		B	B	B	B	B	B	B	B	B	B
FLUORIDE		B	B	B	B	B	B	B	B	B	B
HARDNESS		B									
HARDNESS - DISSOLVED			B	B	B	B	B	B	B	B	B
IRON		B									
IRON - DISSOLVED			B	B	B	B	B	B	B	B	B
LEAD		B									
LEAD - DISSOLVED			B	B	B	B	B	B	B	B	B
LITHIUM		M									
LITHIUM - DISSOLVED			M	M	M	M	M	M	M	M	M
MAGNESIUM		B									
MAGNESIUM - DISSOLVED			B	B	B	B	B	B	B	B	B
MANGANESE		B									
MANGANESE - DISSOLVED			B	B	B	B	B	B	B	B	B
MERCURY - LOW LEVEL		K									
MERCURY - LOW LEVEL - DISSOLVE			K	K	K	K	K	K	K	K	K

Test Group Name	881367-001	881367-002	881367-003	881367-004	881367-005	881367-006	881367-007	881367-008	881367-009	881367-010	881367-011
MOLYBDENUM		B									
MOLYBDENUM - DISSOLVED			B	B	B	B	B	B	B	B	B
NICKEL		B									
NICKEL - DISSOLVED			B	B	B	B	B	B	B	B	B
NITROGEN, AMMONIA		B	B	B	B	B	B	B	B	B	B
NITROGEN, NITRATE		B	B	B	B	B	B	B	B	B	B
NITROGEN, NITRITE		B	B	B	B	B	B	B	B	B	B
POTASSIUM		B									
POTASSIUM - DISSOLVED			B	B	B	B	B	B	B	B	B
SELENIUM		B									
SELENIUM - DISSOLVED			B	B	B	B	B	B	B	B	B
SILVER		B									
SILVER - DISSOLVED			B	B	B	B	B	B	B	B	B
SODIUM		B									
SODIUM - DISSOLVED			B	B	B	B	B	B	B	B	B
SULFATE		B	B	B	B	B	B	B	B	B	B
SULFIDE		B	B	B	B	B	B	B	B	B	B
THALLIUM		B									
THALLIUM - DISSOLVED			B	B	B	B	B	B	B	B	B
VANADIUM		B									
VANADIUM - DISSOLVED			B	B	B	B	B	B	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G	G	G	G	G
ZINC		B									
ZINC - DISSOLVED			B	B	B	B	B	B	B	B	B

Code	MI Certification
B	Not Certified
G	Not Certified
K	Not Certified
M	Not Certified

Pace Analytical Services, Inc.

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QC Summary

Batch Number: 881367
Lab Section: METALS-K
QC Batch Number: 18756
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-074	MBMTK0966-074
MB2	MB2WMTK0966-074	MB2WMTK0966-074
MB3	MB3WMTK0966-074	MB3WMTK0966-074
IPR	IPRWMTK0966-074	IPRWMTK0966-074
OPR	OPRWMTK0966-074	OPRWMTK0966-074
MS	881328-006MS	881328-006MS
MS	881288-006MS	881288-006MS
MSD	881288-006MSD	881288-006MSD
MSD	881328-006MSD	881328-006MSD

Client Sample ID	Lab Sample ID	Client Sample ID	Lab Sample ID
MW-606	881367-003	MW-603	881367-004
KMW-10	881367-005	MW-605	881367-006
P-605	881367-007	KMW-3	881367-008
MW-604	881367-009	P-604	881367-010
DUP-003	881367-011		

Test Name	Method Blank Result Conc		Method Blank 2 Result Conc		Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Diss	0.181	<	0.163	<	0.163	5	5.1	101.4	4.8	96.9	79	121	881288-006	0.89	5.0	5.9	100.5		5.0	6.1	104.5		3.3		75	125	24
Mercury - Low Level - Diss													881328-006	0.60	2.0	2.5	95.9		2.0	2.4	91.0		4.0		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 3/20/2007
QC Batch Number: 18756

Pace Analytical Services, Inc.

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QC Summary

Batch Number: 881367
Lab Section: METALS-K
QC Batch Number: 18756
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-074	MBMTK0966-074
MB2	MB2WMTK0966-074	MB2WMTK0966-074
MB3	MB3WMTK0966-074	MB3WMTK0966-074
IPR	IPRWMTK0966-074	IPRWMTK0966-074
OPR	OPRWMTK0966-074	OPRWMTK0966-074
MS	881328-006MS	881328-006MS
MS	881288-006MS	881288-006MS
MSD	881288-006MSD	881288-006MSD
MSD	881328-006MSD	881328-006MSD

Client Sample ID	Lab Sample ID	Client Sample ID	Lab Sample ID
MW-606	881367-003	MW-603	881367-004
KMW-10	881367-005	MW-605	881367-006
P-605	881367-007	KMW-3	881367-008
MW-604	881367-009	P-604	881367-010
DUP-003	881367-011		

Test Name	Method Blank Result Conc		Method Blank 2 Result Conc		Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Diss	0.181	<	0.163	<	0.163	5	5.1	101.4	4.8	96.9	79	121	881288-006	0.89	5.0	5.9	100.5		5.0	6.1	104.5		3.3		75	125	24
Mercury - Low Level - Diss													881328-006	0.60	2.0	2.5	95.9		2.0	2.4	91.0		4.0		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 3/20/2007
QC Batch Number: 18756

Pace Analytical Services, Inc.

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QC Summary

Batch Number: 881367
Lab Section: METALS-K
QC Batch Number: 18854
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-076	MBMTK0966-076
MB2	MB2WMTK0966-076	MB2WMTK0966-076
MB3	MB3WMTK0966-076	MB3WMTK0966-076
IPR	IPRWMTK0966-076	IPRWMTK0966-076
OPR	OPRWMTK0966-076	OPRWMTK0966-076
MS	881343-001MS	881343-001MS
MS	881453-002MS	881453-002MS
MS	881392-001MS	881392-001MS
MSD	881392-001MSD	881392-001MSD
MSD	881453-002MSD	881453-002MSD
MSD	881343-001MSD	881343-001MSD

Client Sample ID FBK-003 **Lab Sample ID** 881367-002 **Client Sample ID** **Lab Sample ID**

Test Name	Method Blank Result Conc	Method Blank 2 Result Conc	Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.259	0.2065	0.176	5	4.975	99.5	4.985	99.7	79	121	881343-001	117.4	200.0	311.7	97.1		200.0	326.4	104.5		4.6		75	125	24
Mercury - Low Level											881392-001	153.9	200.0	349.6	97.9		200.0	337.4	91.8		3.5		75	125	24
Mercury - Low Level											881453-002	361.96	1000.0	1356.1	99.4		1000.0	1283	92.1		5.5		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 3/20/2007
QC Batch Number: 18854

Sample Condition Upon Receipt

Pace Analytical

Client Name: North Jackson Co Project # 881367

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used JB **Type of Ice:** (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 3.0°C 0.5°C 1.0°C **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 3-8-07 GO
GJ 3-8-07

Comments:

Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes	☐No	☐N/A	6. NO_2, NO_3 3/8/07 GO
Rush Turn Around Time Requested:	☐Yes	☐No	☑N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☑Yes	☐No	☐N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: GW				
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes	☐No	☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No		Initial when completed GO / Lot # of added preservative
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	15.
Trip Blank Present:	☑Yes	☐No	☐N/A	16.
Trip Blank Custody Seals Present	☑Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased): _____				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AH for TN **Date:** 3/22/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

JCG

COC No. 017866

CHAIN OF CUSTODY

Company Name:	North Jackson Co
Branch/Location:	Marquette MI
Project Contact:	J. Kosy FVD
Phone:	
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Andrew Marcinni Kamren Syed Richard Engle
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SL = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A	1-500ml Glass A			
					Y	A	1-500ml Poly H2SO4			
					N	B	1-500ml Poly NaOH 40			
					N	C	1-250ml Poly HNO3			
					Y	D	1-500ml Poly 1st 1-250ml Poly			
					N	G	1-250ml Poly			
					N	J	1-250ml Poly ZnAc NaOH			
					N	D				
001	Trip Blank	3/7/07	—	W			40			
002	FBK-003	↓	1100	W			2 3 1 1 1 2			
003	MW-606		1105	GW			1 1 3 1 2 1 1			
004	MW-603		1240	↓			1 1 3 1 2 1 1			
005	KMW-10		1355				1 1 3 1 2 1 1			
006	MW-605		1145				1 1 3 1 2 1 1			
007	P-605		1045				1 1 3 1 2 1 1			
008	KMW-3		1520				1 1 3 1 2 1 1			
009	MW-604		1350				1 1 3 1 2 1 1			
010	P-604		1300				1 1 3 1 2 1 1			
011	DUP-003	↓	—	↓			1 1 3 1 2 1 1			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard Engle	3/7/07 1715		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Fed Ex			3-8-07 0848
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.
881367

Receipt Temp = 3.0 °C 2.5 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881367
Lab Section: METALS
QC Batch Number: 18713
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2102-37	MBWMTG2102-37
MB	MBDMTG2102-37	MBDMTG2102-37
LCS	LCSWMTG2102-37	LCSWMTG2102-37
LCS	LCSDMTG2102-37	LCSDMTG2102-37
MS	881382-001MS	881382-001MS
MS	MW-606MS	881367-003MS
MSD	881382-001MSD	881382-001MSD
MSD	MW-606MSD	881367-003MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK-003	881367-002	MB	MW-606	881367-003	MB
MW-603	881367-004	MB	KMW-10	881367-005	MB
MW-605	881367-006	MB	P-605	881367-007	MB
KMW-3	881367-008	MB	MW-604	881367-009	MB
P-604	881367-010	MB	DUP-003	881367-011	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum - Dissolved	<	6.3	10000.0	10290	102.9		---	---	---		---			75	125	20	881367-003	<	6.3	10000.0	10190	101.9		10000.0	10230	102.3		0.4			75	125	20
Antimony - Dissolved	<	0.24	200.0	202.1	101.1		---	---	---		---			75	125	20	881367-003	<	0.24	200.0	208.4	104.2		200.0	209.3	104.7		0.4			75	125	20
Arsenic - Dissolved	<	0.13	200.0	197.4	98.7		---	---	---		---			75	125	20	881367-003		0.5100	200.0	204.7	102.1		200.0	206.1	102.8		0.7			75	125	20
Barium - Dissolved	J	0.21	200.0	191.6	95.8		---	---	---		---			75	125	20	881367-003		16.52	200.0	218	100.7		200.0	220.4	101.9		1.1			75	125	20
Beryllium - Dissolved	<	0.1	200.0	204.8	102.4		---	---	---		---			75	125	20	881367-003	<	0.1	200.0	190	95.0		200.0	194.7	97.3		2.4			75	125	20
Boron - Dissolved	<	1.2	200.0	191.6	95.8		---	---	---		---			75	125	20	881367-003		32.36	200.0	213.7	90.7		200.0	207.6	87.6		2.9			75	125	20
Cadmium - Dissolved	<	0.12	200.0	197.9	98.9		---	---	---		---			75	125	20	881367-003	<	0.12	200.0	198.7	99.3		200.0	200.7	100.3		1.0			75	125	20
Calcium - Dissolved	<	13	10000.0	9938	99.4		---	---	---		---			75	125	20	881367-003		16280.0	10000.0	26270	99.9		10000.0	26730	104.5		1.7			75	125	20
Chromium - Dissolved	<	0.32	200.0	196.6	98.3		---	---	---		---			75	125	20	881367-003	<	0.32	200.0	199.7	99.8		200.0	197.2	98.6		1.3			75	125	20
Cobalt - Dissolved	<	0.026	200.0	192	96.0		---	---	---		---			75	125	20	881367-003		0.4500	200.0	196.1	97.8		200.0	191.9	95.7		2.2			75	125	20
Copper - Dissolved	<	0.59	200.0	190.4	95.2		---	---	---		---			75	125	20	881367-003	<	0.59	200.0	191.3	95.7		200.0	190.4	95.2		0.5			75	125	20
Iron - Dissolved	<	9.3	10000.0	9803	98.0		---	---	---		---			75	125	20	881367-003		352.100	10000.0	10370	100.2		10000.0	10290	99.4		0.8			75	125	20
Lead - Dissolved	<	0.049	200.0	199.7	99.8		---	---	---		---			75	125	20	881367-003	<	0.049	200.0	206.6	103.3		200.0	207.3	103.7		0.3			75	125	20
Magnesium - Dissolved	<	4.6	10000.0	10010	100.1		---	---	---		---			75	125	20	881367-003		11190.0	10000.0	21360	101.7		10000.0	21630	104.4		1.3			75	125	20
Manganese - Dissolved	J	0.57	200.0	194.5	97.2		---	---	---		---			75	125	20	881367-003		794.4	200.0	984.5	95.1		200.0	998.2	101.9		1.4			75	125	20
Molybdenum - Dissolved	<	0.61	200.0	200.3	100.2		---	---	---		---			75	125	20	881367-003		4.710	200.0	210.4	102.8		200.0	211.2	103.2		0.4			75	125	20
Nickel - Dissolved	<	0.32	200.0	192.2	96.1		---	---	---		---			75	125	20	881367-003		3.400	200.0	183	89.8		200.0	175.2	85.9		4.4			75	125	20
Potassium - Dissolved	<	5.7	10000.0	10050	100.5		---	---	---		---			75	125	20	881367-003		3262.00	10000.0	13900	106.4		10000.0	13760	105.0		1.0			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18713

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Selenium - Dissolved	<	0.67	200.0	192.1	96.1		---	---	---		---			75	125	20	881367-003	<	0.67	200.0	198.1	99.1		200.0	200.1	100.1		1.0			75	125	20
Silver - Dissolved	<	0.034	100	95.8	95.8		---	---	---		---			75	125	20	881367-003	<	0.034	100	97.5	97.5		100	98.8	98.8		1.4			75	125	20
Sodium - Dissolved	<	17	10000.0	10040	100.4		---	---	---		---			75	125	20	881367-003		622.100	10000.0	10350	97.3		10000.0	10380	97.6		0.3			75	125	20
Thallium - Dissolved	<	0.053	200.0	193.5	96.8		---	---	---		---			75	125	20	881367-003	<	0.053	200.0	202.5	101.2		200.0	202.2	101.1		0.1			75	125	20
Vanadium - Dissolved	<	0.1	200.0	192.6	96.3		---	---	---		---			75	125	20	881367-003		0.3700	200.0	197.7	98.7		200.0	195.1	97.4		1.3			75	125	20
Zinc - Dissolved	<	0.98	200.0	197.4	98.7		---	---	---		---			75	125	20	881367-003	<	0.98	200.0	194.4	97.2		200.0	197.6	98.8		1.6			75	125	20
Aluminum	<	6.3	10000	10290	102.9		---	---	---		---			75	125	20	881382-001		35.990	10000	9474	94.4		10000	9505	94.7		0.3			75	125	20
Antimony	<	0.24	200.0	202.1	101.1		---	---	---		---			75	125	20	881382-001		0.5100	200.0	196.8	98.1		200.0	199.9	99.7		1.6			75	125	20
Arsenic	<	0.13	200.0	197.4	98.7		---	---	---		---			75	125	20	881382-001		5.380	200.0	206	101.3		200.0	208.6	101.6		0.3			75	125	20
Barium	J	0.21	200.0	191.6	95.6		---	---	---		---			75	125	20	881382-001		562.1	200.0	761.9	99.9		200.0	761.4	109.7		2.5			75	125	20
Beryllium	<	0.1	200.0	204.8	102.4		---	---	---		---			75	125	20	881382-001	<	0.1	200.0	168.2	84.1		200.0	165.5	82.8		1.6			75	125	20
Boron	<	1.2	200.0	191.6	95.8		---	---	---		---			75	125	20	881382-001		42.10	200.0	211.4	84.7		200.0	201.4	79.7		4.8			75	125	20
Cadmium	<	0.12	200.0	197.9	98.9		---	---	---		---			75	125	20	881382-001		0.1300	200.0	169.6	84.7		200.0	173.8	86.8		2.4			75	125	20
Calcium	<	13	10000	9938	99.4		---	---	---		---			75	125	20	881382-001		240000	10000	250000	34.0	+	10000	250000	72.0	+	1.5			75	125	20
Chromium	<	0.32	200.0	196.6	98.3		---	---	---		---			75	125	20	881382-001		0.5600	200.0	180.1	89.8		200.0	181.1	90.3		0.6			75	125	20
Cobalt	<	0.026	200.0	192	96.0		---	---	---		---			75	125	20	881382-001		5.050	200.0	168.8	81.9		200.0	169	82.0		0.1			75	125	20
Copper	<	0.59	200.0	190.4	95.2		---	---	---		---			75	125	20	881382-001		2.740	200.0	154.1	75.7		200.0	154.7	76.0		0.4			75	125	20
Iron	<	9.3	10000	9803	98.0		---	---	---		---			75	125	20	881382-001		664.80	10000	9187	85.2		10000	9210	85.5		0.3			75	125	20
Lead	<	0.049	200.0	199.7	99.8		---	---	---		---			75	125	20	881382-001		0.2400	200.0	215.4	107.6		200.0	217.3	108.5		0.9			75	125	20
Magnesium	<	4.6	10000	10010	100.1		---	---	---		---			75	125	20	881382-001		110000	10000	110000	40.0	+	10000	110000	73.4	+	3.0			75	125	20
Manganese	J	0.57	200.0	194.5	97.2		---	---	---		---			75	125	20	881382-001		315.8	200.0	484.8	84.5		200.0	485.5	84.8		0.1			75	125	20
Molybdenum	<	0.61	200.0	200.3	100.2		---	---	---		---			75	125	20	881382-001		3.100	200.0	198.2	97.6		200.0	202.3	99.6		2.0			75	125	20
Nickel	<	0.32	200.0	192.2	96.1		---	---	---		---			75	125	20	881382-001		8.660	200.0	163	77.2		200.0	165.1	78.2		1.3			75	125	20
Potassium	<	5.7	10000.0	10050	100.5		---	---	---		---			75	125	20	881382-001		2701.00	10000.0	12280	95.8		10000.0	12250	95.5		0.2			75	125	20
Selenium	<	0.67	200.0	192.1	96.1		---	---	---		---			75	125	20	881382-001		1.590	200.0	190.9	94.7		200.0	189.5	94.0		0.7			75	125	20
Silver	<	0.034	100	95.8	95.8		---	---	---		---			75	125	20	881382-001	<	0.034	100	35.3	35.3	N	100	34.7	34.7	N	1.7			75	125	20
Sodium	<	17	10000	10040	100.4		---	---	---		---			75	125	20	881382-001		720000	10000	700000	-214.0	+	10000	760000	397.0	+	8.4			75	125	20
Thallium	<	0.053	200.0	193.5	96.8		---	---	---		---			75	125	20	881382-001		7.000E-2	200.0	210.9	105.4		200.0	211.7	105.8		0.4			75	125	20
Vanadium	<	0.1	200.0	192.6	96.3		---	---	---		---			75	125	20	881382-001		1.570	200.0	186.8	92.6		200.0	187.8	93.1		0.5			75	125	20
Zinc	<	0.98	200.0	197.4	98.7		---	---	---		---			75	125	20	881382-001		27.10	200.0	199.1	86.0		200.0	198.4	85.7		0.4			75	125	20

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007

QC Batch Number: 18713

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881367
Lab Section: METALS-K
QC Batch Number: 18756
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-074	MBMTK0966-074
IPR	IPRWMTK0966-074	IPRWMTK0966-074
OPR	OPRWMTK0966-074	OPRWMTK0966-074
MS	881328-006MS	881328-006MS
MS	881288-006MS	881288-006MS
MSD	881328-006MSD	881328-006MSD
MSD	881288-006MSD	881288-006MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
MW-606	881367-003	MB	MW-603	881367-004	MB
KMW-10	881367-005	MB	MW-605	881367-006	MB
P-605	881367-007	MB	KMW-3	881367-008	MB
MW-604	881367-009	MB	P-604	881367-010	MB
DUP-003	881367-011	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Dissol	0.181	0	---	---		---	---	---		---		---	---	---	881288-006	0.89	5.0	5.9	100.5		5.0	6.1	104.5		3.3		75	125	24
Mercury - Low Level - Dissol	0.181	0	---	---		---	---	---		---		---	---	---	881328-006	0.60	2.0	2.5	95.9		2.0	2.4	91.0		4.0		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 18756

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881367
Lab Section: METALS-K
QC Batch Number: 18854
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-076	MBMTK0966-076
IPR	IPRWMTK0966-076	IPRWMTK0966-076
OPR	OPRWMTK0966-076	OPRWMTK0966-076
MS	881453-002MS	881453-002MS
MS	881392-001MS	881392-001MS
MS	881343-001MS	881343-001MS
MSD	881453-002MSD	881453-002MSD
MSD	881392-001MSD	881392-001MSD
MSD	881343-001MSD	881343-001MSD

Client Sample ID: FBK-003 Lab Sample ID: 881367-002 MB ID: MB

Client Sample ID: Lab Sample ID: MB ID:

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.259	0	---	---		---	---	---		---		---	---	---	881343-001	117.4	200.0	311.7	97.1		200.0	326.4	104.5		4.6		75	125	24
Mercury - Low Level	0.259	0	---	---		---	---	---		---		---	---	---	881392-001	153.9	200.0	349.6	97.9		200.0	337.4	91.8		3.5		75	125	24
Mercury - Low Level	0.259	0	---	---		---	---	---		---		---	---	---	881453-002	361.96	1000.0	1356.1	99.4		1000.0	1283	92.1		5.5		75	125	24

Conc = ng/L unless otherwise noted
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Report Date: 9/4/2007
QC Batch Number: 18854

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881367
Lab Section: VOA
QC Batch Number: 18728
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2131-85MB	vog2131-85MB
LCS	vog2131-85LCS	vog2131-85LCS
LCSD	vog2131-85LCSD	vog2131-85LCSD
MS	MW-606MS	881367-003MS
MSD	MW-606MSD	881367-003MSD

Client Sample ID	Lab Sample ID	MB ID
TRIP BLANK	881367-001	MB
MW-606	881367-003	MB
KMW-10	881367-005	MB
P-605	881367-007	MB
MW-604	881367-009	MB
DUP-003	881367-011	MB
FBK-003	881367-002	MB
MW-603	881367-004	MB
MW-605	881367-006	MB
KMW-3	881367-008	MB
P-604	881367-010	MB

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result		MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
		Conc																	Conc														
1,1,1-Trichloroethane	<	0.9	50.0	55.9	112		50.0	54.9	110		1.9			75	128	20	881367-003	<	0.9	50.0	56.3	113		50.0	55.1	110		2.1			70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	44.5	89		50.0	45.7	91		2.7			67	125	20	881367-003	<	0.2	50.0	47.6	95		50.0	45.5	91		4.4			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	50.6	101		50.0	51.5	103		1.8			75	125	20	881367-003	<	0.42	50.0	53.1	106		50.0	49.6	99		6.9			70	130	30
1,1-Dichloroethane	<	0.75	50.0	55.2	110		50.0	54.6	109		1.2			71	130	20	881367-003	<	0.75	50.0	56.5	113		50.0	53.6	107		5.3			70	130	30
1,1-Dichloroethene	<	0.57	50.0	58.9	118		50.0	57.1	114		3.0			75	125	20	881367-003	<	0.57	50.0	58.7	117		50.0	56.9	114		3.1			70	135	30
1,2-Dichloroethane	<	0.36	50.0	54.7	109		50.0	54.2	108		0.9			71	132	20	881367-003	<	0.36	50.0	55	110		50.0	54.1	108		1.7			70	130	30
1,2-Dichloroethene, Total	<	1.4	100	93.8	94		100	92.4	92		1.5			75	125	20	881367-003	<	1.4	100	96.6	97		100	93.5	93		3.3			70	130	30
1,2-Dichloropropane	<	0.46	50.0	51.9	104		50.0	52.1	104		0.3			73	125	20	881367-003	<	0.46	50.0	53.5	107		50.0	52.3	105		2.3			70	130	30
2-Butanone	<	4.3	50.0	46.4	93		50.0	48	96		3.3			59	130	20	881367-003	<	4.3	50.0	49.2	98		50.0	54.1	108		9.5			51	130	30
2-Hexanone	<	1.1	50.0	42.4	85		50.0	44.1	88		3.8			51	125	20	881367-003	<	1.1	50.0	45.3	91		50.0	41.8	84		7.9			53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	46.5	93		50.0	49.2	98		5.5			59	125	20	881367-003	<	1.2	50.0	48.5	97		50.0	47.5	95		2.2			62	130	30
Acetone	<	2.3	50.0	50.2	100		50.0	47.7	95		5.1			31	150	20	881367-003	<	2.3	50.0	49.9	100		50.0	53.7	107		7.3			42	132	30
Benzene	<	0.41	50.0	53.1	106		50.0	51.9	104		2.4			75	125	20	881367-003	<	0.41	50.0	52.8	106		50.0	51.3	103		3.0			70	130	30
Bromodichloromethane	<	0.56	50.0	53.2	106		50.0	52.3	105		1.5			75	125	20	881367-003	<	0.56	50.0	52.5	105		50.0	51.7	103		1.7			70	130	30
Bromoform	<	0.94	50.0	50	100		50.0	51.5	103		2.8			75	125	20	881367-003	<	0.94	50.0	51	102		50.0	48	96		6.0			70	130	30
Bromomethane	<	0.91	50.0	42.1	84		50.0	46.1	92		9.0			66	125	20	881367-003	<	0.91	50.0	49.2	98		50.0	51.4	103		4.4			63	147	30
Carbon Disulfide	<	0.66	50.0	58.9	118		50.0	58.3	117		1.0			71	128	20	881367-003	<	0.66	50.0	56.4	113		50.0	46.2	92		19.9			56	142	30
Carbon Tetrachloride	<	0.49	50.0	60.8	122		50.0	59.6	119		1.8			75	125	20	881367-003	<	0.49	50.0	60.3	121		50.0	59.4	119		1.6			70	131	30
Chlorobenzene	<	0.41	50.0	48.7	97		50.0	49.3	99		1.2			75	125	20	881367-003	<	0.41	50.0	51.6	103		50.0	49.9	100		3.4			70	130	30
Chlorodibromomethane	<	0.81	50.0	49.4	99		50.0	50.1	100		1.3			75	125	20	881367-003	<	0.81	50.0	49	98		50.0	47.7	95		2.7			70	130	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18728

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Chloroethane	<	0.97	50.0	55.1	110		50.0	54.2	108		1.7		72	126	20	881367-003	<	0.97	50.0	56.4	113		50.0	55.2	110		2.2		67	138	30
Chloroform	<	0.37	50.0	53.8	108		50.0	52.8	106		1.8		75	125	20	881367-003	<	0.37	50.0	54.4	109		50.0	53.5	107		1.5		70	130	30
Chloromethane	<	0.24	50.0	60.1	120		50.0	60	120		0.2		46	143	20	881367-003	<	0.24	50.0	60.5	121		50.0	57.3	115		5.5		43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	51	102		50.0	50.6	101		0.7		75	125	20	881367-003	<	0.19	50.0	51.9	104		50.0	47.7	95		8.4		70	130	30
Ethylbenzene	<	0.54	50.0	51.2	102		50.0	52	104		1.5		75	125	20	881367-003	<	0.54	50.0	52	104		50.0	50.9	102		2.0		70	136	30
Methylene Chloride	<	0.43	50.0	55.2	110		50.0	54.3	109		1.7		75	125	20	881367-003	<	0.43	50.0	55.4	111		50.0	55.2	110		0.4		70	130	30
Styrene	<	0.86	50.0	51.8	104		50.0	52.1	104		0.6		75	125	20	881367-003	<	0.86	50.0	43.3	87		50.0	41.9	84		3.4		70	130	30
Tetrachloroethene	<	0.45	50.0	49.1	98		50.0	48.9	98		0.4		75	130	20	881367-003	<	0.45	50.0	49.4	99		50.0	48.3	97		2.2		70	130	30
Toluene	<	0.67	50.0	50.6	101		50.0	51	102		0.8		75	125	20	881367-003	<	0.67	50.0	51.6	103		50.0	50.3	101		2.6		70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	48.9	98		50.0	50.5	101		3.2		75	125	20	881367-003	<	0.19	50.0	51.6	103		50.0	47.2	94		8.9		70	130	30
Trichloroethene	<	0.48	50.0	54.4	109		50.0	52.9	106		2.9		75	125	20	881367-003	<	0.48	50.0	53.5	107		50.0	52.8	106		1.4		70	130	30
Vinyl Chloride	<	0.18	50.0	58.4	117		50.0	56.9	114		2.5		65	130	20	881367-003	<	0.18	50.0	57.8	116		50.0	58.6	117		1.4		62	138	30
Xylene, Total	<	2.6	150.0	151.5	101		150.0	154.5	103		2.0		75	125	20	881367-003	<	2.6	150.0	148.9	99		150.0	147.7	98		0.8		70	130	30
4-Bromofluorobenzene		81%	---	---	86		---	---	86		---		64	132	---	881367-003		81%	---	---	84		---	---	87		---		64	132	---
Toluene-d8		84%	---	---	84		---	---	87		---		73	127	---	881367-003		82%	---	---	85		---	---	87		---		73	127	---
Dibromofluoromethane		85%	---	---	85		---	---	85		---		68	122	---	881367-003		86%	---	---	85		---	---	85		---		68	122	---

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

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Report Date: 9/4/2007

QC Batch Number: 18728

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 881367
Lab Section: WETCHEM
QC Batch Number: 18683
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2138-026MB	WCG2138-026MB
LCS	WCG2138-026MBLCS	WCG2138-026MBLCS
MS	DUP-003MS	881367-011MS
MS	MW-606MS	881367-003MS
MSD	DUP-003MSD	881367-011MSD
MSD	MW-606MSD	881367-003MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-003	881367-002	MB
MW-603	881367-004	MB
MW-605	881367-006	MB
KMW-3	881367-008	MB
P-604	881367-010	MB

Client Sample ID	Lab Sample ID	MB ID
MW-606	881367-003	MB
KMW-10	881367-005	MB
P-605	881367-007	MB
MW-604	881367-009	MB
DUP-003	881367-011	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	1.1	20.0	18.8	93.8		---	---	---		---			90	110	20	881367-003		2.54	20.0	19	82.2	N	20.0	19.3	83.9	N	1.8			90	110	20
Fluoride	<	0.059	2.0	2	98.0		---	---	---		---			90	110	20	881367-003		0.35	2.0	2.2	91.5		2.0	2.2	92.5		0.9			90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.6	99.4		---	---	---		---			90	110	20	881367-003	<	0.085	1.6	1.6	97.5		1.6	1.6	99.4		1.9			90	110	20
Nitrogen, Nitrite	<	0.036	0.80	0.86	107.5		---	---	---		---			90	110	20	881367-003		0.070	0.80	0.78	88.8	N	0.80	0.78	88.8	N	0.0			90	110	20
Sulfate	<	0.51	16.0	15.8	98.7		---	---	---		---			90	110	20	881367-003		27.1	16.0	42.8	97.9		16.0	43.8	104.5		2.4			90	110	20
Chloride	<	1.1	20.0	18.8	93.8		---	---	---		---			90	110	20	881367-011		2.58	20.0	19.5	84.4	N	20.0	19.3	83.6	N	0.9			90	110	20
Fluoride	<	0.059	2.0	2	98.0		---	---	---		---			90	110	20	881367-011		0.38	2.0	2.2	92.0		2.0	2.2	91.0		0.9			90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.6	99.4		---	---	---		---			90	110	20	881367-011	<	0.085	1.6	1.6	100.6		1.6	1.6	99.4		1.2			90	110	20
Nitrogen, Nitrite	<	0.036	0.80	0.86	107.5		---	---	---		---			90	110	20	881367-011	<	0.036	0.80	0.83	103.8		0.80	0.81	101.2		2.4			90	110	20
Sulfate	<	0.51	16.0	15.8	98.7		---	---	---		---			90	110	20	881367-011		27.0	16.0	43.4	102.6		16.0	43.2	101.4		0.4			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18683

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881367
Lab Section: WETCHEM
QC Batch Number: 18719
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-089MB	WCG1919-089MB
LCS	WCG1919-089MBLCS	WCG1919-089MBLCS
LCSD	WCG1919-089MBLCSD	WCG1919-089MBLCSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK-003	881367-002	MB	MW-606	881367-003	MB
MW-603	881367-004	MB	KMW-10	881367-005	MB
MW-605	881367-006	MB	P-605	881367-007	MB
KMW-3	881367-008	MB	MW-604	881367-009	MB
P-604	881367-010	MB	DUP-003	881367-011	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sulfide	<	2.5	47.2	38.8	82.2		47.2	47.2	100.0		19.5			80	120	20	---	---	---	---	---		---	---	---		---		---	---	---

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18719

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881367
Lab Section: WETCHEM
QC Batch Number: 18757
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-091MB	WCG1919-091MB
LCS	WCG1919-091MBLCS	WCG1919-091MBLCS
MS	MW-606MS	881367-003MS
MSD	MW-606MSD	881367-003MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK-003	881367-002	MB	MW-606	881367-003	MB
MW-603	881367-004	MB	KMW-10	881367-005	MB
MW-605	881367-006	MB	P-605	881367-007	MB
KMW-3	881367-008	MB	MW-604	881367-009	MB
P-604	881367-010	MB	DUP-003	881367-011	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	J	2.2	77.40	81.4	105.2		---	---	---		---			80	120	20	881367-003		66.00	100.0	167.2	101.2		100.0	169.4	103.4		1.3			80	120	20
Carbonate Alkalinity	<	1.7	0	---	---		---	---	---		---			---	---	---	881367-003	<	1.7	---	---	---		---	---	---		---			---	---	---
Total Alkalinity	J	2.2	77.40	81.4	105.2		---	---	---		---			80	120	20	881367-003		66.00	100.0	167.2	101.2		100.0	169.4	103.4		1.3			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18757

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881367
Lab Section: WETCHEM
QC Batch Number: 18780
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-029MB	WCG2151-029MB
LCS	WCG2151-029MBLCS	WCG2151-029MBLCS
MS	MW-605MS	881367-006MS
MS	881262-005MS	881262-005MS
MSD	MW-605MSD	881367-006MSD
MSD	881262-005MSD	881262-005MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-003	881367-002	MB
MW-603	881367-004	MB
MW-605	881367-006	MB

Client Sample ID	Lab Sample ID	MB ID
MW-606	881367-003	MB
KMW-10	881367-005	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Cyanide, Total	< 0.0094	0.10	0.11	106.6		---	---	---		---		90	110	20	881262-005	< 0.0094	0.10	0.11	110.0		0.10	0.12	115.4	N	4.8		90	110	20
Cyanide, Total	< 0.0094	0.10	0.11	106.6		---	---	---		---		90	110	20	881367-006	< 0.0094	0.10	0.11	108.1		0.10	0.11	107.8		0.3		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18780

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881367
Lab Section: WETCHEM
QC Batch Number: 18804
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-031MB	WCG2151-031MB
LCS	WCG2151-031MBLCS	WCG2151-031MBLCS
MS	881288-006MS	881288-006MS
MS	881282-001MS	881282-001MS
MSD	881288-006MSD	881288-006MSD
MSD	881282-001MSD	881282-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-003	881367-002	MB

Client Sample ID	Lab Sample ID	MB ID
MW-606	881367-003	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Nitrogen, Ammonia	<	0.2	10.0	9.7	97.3		---	---	---		---		90	110	20	881282-001		2.69	10.0	11.9	90.1		10.0	11.3	84.1	N	5.1		90	110	20
Nitrogen, Ammonia	<	0.2	10.0	9.7	97.3		---	---	---		---		90	110	20	881288-006	<	0.5	10.0	10.4	104.3		10.0	9.7	97.2		7.0		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18804

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881367
Lab Section: WETCHEM
QC Batch Number: 18840
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-034MB	WCG2151-034MB
LCS	WCG2151-034MBLCS	WCG2151-034MBLCS
MS	881429-004MS	881429-004MS
MS	881406-007MS	881406-007MS
MSD	881429-004MSD	881429-004MSD
MSD	881406-007MSD	881406-007MSD

Client Sample ID	Lab Sample ID	MB ID
P-605	881367-007	MB
MW-604	881367-009	MB
DUP-003	881367-011	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-3	881367-008	MB
P-604	881367-010	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Cyanide, Total	< 0.0094	0.10	0.11	107.2		---	---	---		---		90	110	20	881406-007	< 0.0094	0.10	0	-7.3	N	0.10	0	-7.3	N	0.0		90	110	20
Cyanide, Total	< 0.0094	0.10	0.11	107.2		---	---	---		---		90	110	20	881429-004	< 0.0094	0.10	0.11	106.1		0.10	0.11	109.7		3.3		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18840

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881367
Lab Section: WETCHEM
QC Batch Number: 18953
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-040MB	WCG2151-040MB
LCS	WCG2151-040MBLCS	WCG2151-040MBLCS
MS	881413-001MS	881413-001MS
MS	MW-603MS	881367-004MS
MSD	881413-001MSD	881413-001MSD
DUP	MW-603DUP	881367-004DUP

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
MW-603	881367-004	MB	KMW-10	881367-005	MB
MW-605	881367-006	MB	P-605	881367-007	MB
KMW-3	881367-008	MB	MW-604	881367-009	MB
P-604	881367-010	MB	DUP-003	881367-011	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Nitrogen, Ammonia	<	0.5	10.00	10.3	103.1		---	---	---		---		90	110	20	881367-004	<	0.5	---	---	---		---	---	---		---		---	---	---
Nitrogen, Ammonia	<	0.5	10.0	10.3	103.1		---	---	---		---		90	110	20	881413-001		1.64	10.0	12.1	104.3		10.0	11.9	102.5		1.4		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18953

Batch No. 881423

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
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Phone: 920.469.2436
Fax: 920.469.8827

March 27, 2007

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 881423 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

alw for Tod N.

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 881423

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Noltemeyer

Project Name: HUMBOLDT MILL

Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
881423-001	TRIP BLANK	WATER	03/08/07
881423-002	DUP-004	WATER	03/08/07
881423-003	FBK-004	WATER	03/08/07
881423-004	PW-2	WATER	03/08/07
881423-005	PW-1	WATER	03/08/07
881423-006	KMW-6A	WATER	03/08/07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

alw for Tod N
Approval Signature

3/27/07
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	82		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	83		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	88		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-004

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	100		6.3	50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	2.0		0.13	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Barium - Dissolved	49		0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Boron - Dissolved	36		1.2	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Calcium - Dissolved	24000		13	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Chromium - Dissolved	1.7		0.32	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.050	B	0.026	1.0	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Hardness - Dissolved	110		0.15	2.0	1	mg/L		03/16/07	SW846 3020A	6020/2340B
Iron - Dissolved	16000		9.3	50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Lithium - Dissolved	0.050	U	0.050	0.10	1	ug/L		03/23/07	EPA 3020	EPA 6020
Magnesium - Dissolved	13000		4.6	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Manganese - Dissolved	2000		0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.39	B	0.32	1.0	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Potassium - Dissolved	3000		5.7	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Sodium - Dissolved	4200		17	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	4.3		0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Zinc - Dissolved	2.2	B	0.98	10	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.707		0.163	0.500	1	ng/L	V	03/20/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	120		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	3.9	B	1.1	5.0	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.18	B	0.059	0.50	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.86	B	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Sulfate	20		0.51	4.0	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/14/07	EPA 376.1	EPA 376.1
Total Alkalinity	120		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-004

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	82		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	77		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	91		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/13/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0090	U	0.0090	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.0089	U	0.0089	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Anthracene	0.013	U	0.013	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.017	U	0.017	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.020	U	0.020	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.017	U	0.017	0.052	1	ug/L	Z	03/13/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.021	U	0.021	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.021	U	0.021	0.052	1	ug/L	Z	03/13/07	SW846 3510C	8270C-SIM
Chrysene	0.021	U	0.021	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.021	U	0.021	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Fluoranthene	0.017	U	0.017	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Fluorene	0.010	U	0.010	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.021	U	0.021	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-004

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-002

PAH/PNA

Prep Date: 03/13/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.021	J	0.014	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Phenanthrene	0.013	U	0.013	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Pyrene	0.016	U	0.016	0.052	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	44		10	150	1	%		03/13/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	48		20	111	1	%		03/13/07	SW846 3510C	8270C-SIM
Terphenyl-d14	106		44	115	1	%		03/13/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1221	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1232	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1242	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1248	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1254	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1260	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Total PCBs	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	85		42	122	1	%		03/12/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	86		10	128	1	%		03/12/07	SW846 3510C	SW846 8082

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Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-004

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	6.3	U	6.3	50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Arsenic	0.13	U	0.13	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Barium	0.12	U	0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Boron	220		1.2	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Cadmium	0.12	U	0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Calcium	13	U	13	500	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Cobalt	0.026	U	0.026	1.0	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Copper	0.88	B	0.59	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Hardness	0.15	U	0.15	2.0	1	mg/L		03/16/07	SW846 3020A	6020/2340B
Iron	9.3	U	9.3	50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Lead	0.10	B	0.049	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Lithium	0.64		0.016	0.053	1	ug/L		03/15/07	EPA 3020	EPA 6020
Magnesium	12	B	4.6	500	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Manganese	0.34	B	0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Mercury - Low Level	0.163	U	0.163	0.163	1	ng/L		03/16/07	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Nickel	0.32	U	0.32	1.0	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Potassium	18	B	5.7	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	0.50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Sodium	2600		17	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Vanadium	0.25	B	0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Zinc	5.2	B	0.98	10	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	4.4	B	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	3.9	B	1.1	5.0	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.19	B	0.059	0.50	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Sulfate	1.6	B	0.51	4.0	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/14/07	EPA 376.1	EPA 376.1
Total Alkalinity	4.4	B	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-004

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-003

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	1.6		0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	81		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	84		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	86		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-2

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	700		6.3	50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Arsenic	2.2		0.13	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	0.30	B	0.13	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Barium	30		0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Barium - Dissolved	24		0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Boron	81		1.2	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Boron - Dissolved	78		1.2	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Cadmium	1.5		0.12	1.0	1	ug/L	E	03/16/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	1.4		0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Calcium	69000		130	5000	10	ug/L		03/16/07	SW846 3020A	SW846 6020
Calcium - Dissolved	67000		130	5000	10	ug/L		03/16/07	SW846 3020A	SW846 6020
Chromium	2.3		0.32	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.41	B	0.32	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Cobalt	17		0.026	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	12		0.026	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Copper	5.1		0.59	1.0	1	ug/L	E	03/16/07	SW846 3020A	SW846 6020
Copper - Dissolved	1.7		0.59	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Hardness	310		1.5	20	10	mg/L		03/16/07	SW846 3020A	6020/2340B
Hardness - Dissolved	310		1.5	20	10	mg/L		03/16/07	SW846 3020A	6020/2340B
Iron	1800		9.3	50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Iron - Dissolved	200		9.3	50	1	ug/L	E	03/16/07	SW846 3020A	SW846 6020
Lead	0.47	B	0.049	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Lithium	8.1		0.080	0.26	1	ug/L		03/15/07	EPA 3020	EPA 6020
Lithium - Dissolved	8.8		0.25	0.50	1	ug/L		03/19/07	EPA 3020	EPA 6020
Magnesium	34000		46	5000	10	ug/L		03/16/07	SW846 3020A	SW846 6020
Magnesium - Dissolved	34000		46	5000	10	ug/L		03/16/07	SW846 3020A	SW846 6020
Manganese	2100		0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Manganese - Dissolved	1700		0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Mercury - Low Level	2.41		0.163	0.500	1	ng/L	V	03/16/07	EPA 1631E	EPA 1631E
Molybdenum	0.74	B	0.61	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Nickel	67		0.32	1.0	1	ug/L	E	03/16/07	SW846 3020A	SW846 6020
Nickel - Dissolved	53		0.32	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Potassium	3500		5.7	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Potassium - Dissolved	3200		5.7	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	0.50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/16/07	SW846 3020A	SW846 6020

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-2

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Sodium	5000		17	500	1	ug/L	E	03/16/07	SW846 3020A	SW846 6020
Sodium - Dissolved	4900		17	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Vanadium	2.5		0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.40	B	0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Zinc	32		0.98	10	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Zinc - Dissolved	27		0.98	10	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.890		0.163	0.500	1	ng/L	V	03/20/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	150		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	4.4	B	1.1	5.0	1	mg/L	N	03/09/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.34	B	0.059	0.50	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	1.2		0.085	0.40	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L	N	03/09/07	EPA 300.0	EPA 300.0
Sulfate	170		5.1	40	10	mg/L		03/12/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/14/07	EPA 376.1	EPA 376.1
Total Alkalinity	150		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-2

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-004

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	1.1		0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	95		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	102		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	97		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-1

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	100		6.3	50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	2.0		0.13	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Barium - Dissolved	49		0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Boron - Dissolved	35		1.2	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Calcium - Dissolved	23000		13	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Chromium - Dissolved	1.6		0.32	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.050	B	0.026	1.0	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Hardness - Dissolved	110		0.15	2.0	1	mg/L		03/16/07	SW846 3020A	6020/2340B
Iron - Dissolved	16000		9.3	50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Lithium - Dissolved	8.3		0.050	0.10	1	ug/L		03/23/07	EPA 3020	EPA 6020
Magnesium - Dissolved	13000		4.6	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Manganese - Dissolved	2000		0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.36	B	0.32	1.0	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Potassium - Dissolved	2900		5.7	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Sodium - Dissolved	4200		17	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	4.2		0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Zinc - Dissolved	2.2	B	0.98	10	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.852		0.163	0.500	1	ng/L	V	03/20/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	120		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	4.0	B	1.1	5.0	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.19	B	0.059	0.50	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.86	B	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Sulfate	23		0.51	4.0	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/14/07	EPA 376.1	EPA 376.1
Total Alkalinity	120		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

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920-469-2436

Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-1

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-005

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	5.7		2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	95		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	102		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	97		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/13/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0086	U	0.0086	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.0085	U	0.0085	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.019	U	0.019	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.050	1	ug/L	Z	03/13/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.020	U	0.020	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.020	U	0.020	0.050	1	ug/L	Z	03/13/07	SW846 3510C	8270C-SIM
Chrysene	0.020	U	0.020	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.020	U	0.020	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Fluoranthene	0.016	U	0.016	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Fluorene	0.0095	U	0.0095	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.020	U	0.020	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-1

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-005

PAH/PNA

Prep Date: 03/13/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.014	J	0.013	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Phenanthrene	0.012	U	0.012	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.050	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	45		10	150	1	%		03/13/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	49		20	111	1	%		03/13/07	SW846 3510C	8270C-SIM
Terphenyl-d14	108		44	115	1	%		03/13/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1221	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1232	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1242	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1248	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1254	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1260	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Total PCBs	0.12	U	0.12	0.48	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	80		42	122	1	%		03/12/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	83		10	128	1	%		03/12/07	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

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Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-6A

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-006

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	30		0.13	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Barium - Dissolved	74		0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Boron - Dissolved	110		1.2	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Calcium - Dissolved	120000		130	5000	10	ug/L		03/16/07	SW846 3020A	SW846 6020
Chromium - Dissolved	1.4		0.32	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	8.5		0.026	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Hardness - Dissolved	510		1.5	20	10	mg/L		03/16/07	SW846 3020A	6020/2340B
Iron - Dissolved	81000		93	500	10	ug/L		03/16/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Lithium - Dissolved	0.050	U	0.050	0.10	1	ug/L		03/23/07	EPA 3020	EPA 6020
Magnesium - Dissolved	52000		46	5000	10	ug/L		03/16/07	SW846 3020A	SW846 6020
Manganese - Dissolved	22000		1.2	10	10	ug/L		03/16/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	1.9	B	0.61	10	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Nickel - Dissolved	20		0.32	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Potassium - Dissolved	4200		5.7	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Sodium - Dissolved	7500		17	500	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	2.5		0.10	1.0	1	ug/L		03/16/07	SW846 3020A	SW846 6020
Zinc - Dissolved	4.5	B	0.98	10	1	ug/L	A	03/16/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	1.23		0.163	0.500	1	ng/L	V	03/20/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	150		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B
Chloride	6.0		1.1	5.0	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.21	B	0.059	0.50	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.2		0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/09/07	EPA 300.0	EPA 300.0
Sulfate	520		5.1	40	10	mg/L		03/12/07	EPA 300.0	EPA 300.0
Sulfide	12		2.5	5.0	1	mg/L		03/14/07	EPA 376.1	EPA 376.1
Total Alkalinity	150		1.7	10	1	mg/L		03/12/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-6A

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-006

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/12/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	96		64	132	1	%		03/12/07	SW846 5030B	SW846 8260B
Toluene-d8	100		73	127	1	%		03/12/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	97		68	122	1	%		03/12/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/13/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0084	U	0.0084	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.0083	U	0.0083	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.019	U	0.019	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.049	1	ug/L	Z	03/13/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.020	U	0.020	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.020	U	0.020	0.049	1	ug/L	Z	03/13/07	SW846 3510C	8270C-SIM
Chrysene	0.020	U	0.020	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Fluoranthene	0.016	U	0.016	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Fluorene	0.0093	U	0.0093	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM

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Analytical Report Number: 881423

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-6A

Matrix Type : WATER
Collection Date : 03/08/07
Report Date : 03/26/07
Lab Sample Number : 881423-006

PAH/PNA

Prep Date: 03/13/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.019	J	0.013	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Phenanthrene	0.012	U	0.012	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.049	1	ug/L		03/13/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	77		10	150	1	%		03/13/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	87		20	111	1	%		03/13/07	SW846 3510C	8270C-SIM
Terphenyl-d14	107		44	115	1	%		03/13/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/12/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.12	U	0.12	0.49	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1221	0.12	U	0.12	0.49	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1232	0.12	U	0.12	0.49	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1242	0.12	U	0.12	0.49	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1248	0.12	U	0.12	0.49	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1254	0.12	U	0.12	0.49	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Aroclor 1260	0.12	U	0.12	0.49	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Total PCBs	0.12	U	0.12	0.49	1	ug/L		03/12/07	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	89		42	122	1	%		03/12/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	86		10	128	1	%		03/12/07	SW846 3510C	SW846 8082

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Lab Number	TestGroupID	Field ID	Comment
881423-	M-CA-	All Samples	A - Analyte is detected in the method blank at a concentration of 17 ug/L.
881423-	M-CO-	All Samples	A - Analyte is detected in the method blank at a concentration of -0.03 ug/L.
881423-	Metals 6020	All Samples	Internal standard limits of 30-140% used. All QC within limits.
881423-	M-MG-	All Samples	A - Analyte is detected in the method blank at a concentration of 26 ug/L.
881423-	M-NI-	All Samples	A - Analyte is detected in the method blank at a concentration of -0.41 ug/L.
881423-	M-ZN-	All Samples	A - Analyte is detected in the method blank at a concentration of 4.9 ug/L.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	881423-001	881423-002	881423-003	881423-004	881423-005	881423-006
ALKALINITY, BICARB/CARB/TOTAL		B	B	B	B	B
ALUMINUM			B	B		
ALUMINUM - DISSOLVED		B		B	B	B
ANTIMONY			B	B		
ANTIMONY - DISSOLVED		B		B	B	B
ARSENIC			B	B		
ARSENIC - DISSOLVED		B		B	B	B
BARIUM			B	B		
BARIUM - DISSOLVED		B		B	B	B
BERYLLIUM			B	B		
BERYLLIUM - DISSOLVED		B		B	B	B
BORON			B	B		
BORON - DISSOLVED		B		B	B	B
CADMIUM			B	B		
CADMIUM - DISSOLVED		B		B	B	B
CALCIUM			B	B		
CALCIUM - DISSOLVED		B		B	B	B
CHLORIDE		B	B	B	B	B
CHROMIUM			B	B		
CHROMIUM - DISSOLVED		B		B	B	B
COBALT			B	B		
COBALT - DISSOLVED		B		B	B	B
COPPER			B	B		
COPPER - DISSOLVED		B		B	B	B
CYANIDE, TOTAL		B	B	B	B	B
FLUORIDE		B	B	B	B	B
HARDNESS			B	B		
HARDNESS - DISSOLVED		B		B	B	B
IRON			B	B		
IRON - DISSOLVED		B		B	B	B
LEAD			B	B		
LEAD - DISSOLVED		B		B	B	B
LITHIUM			M	M		
LITHIUM - DISSOLVED		M		M	M	M
MAGNESIUM			B	B		
MAGNESIUM - DISSOLVED		B		B	B	B
MANGANESE			B	B		
MANGANESE - DISSOLVED		B		B	B	B
MERCURY - LOW LEVEL			K	K		
MERCURY - LOW LEVEL - DISSOLVE		K		K	K	K

Test Group Name	881423-001	881423-002	881423-003	881423-004	881423-005	881423-006
MOLYBDENUM			B	B		
MOLYBDENUM - DISSOLVED		B		B	B	B
NICKEL			B	B		
NICKEL - DISSOLVED		B		B	B	B
NITROGEN, AMMONIA		B	B	B	B	B
NITROGEN, NITRATE		B	B	B	B	B
NITROGEN, NITRITE		B	B	B	B	B
PAH/PNA		B			B	B
PCB		K			K	K
POTASSIUM			B	B		
POTASSIUM - DISSOLVED		B		B	B	B
SELENIUM			B	B		
SELENIUM - DISSOLVED		B		B	B	B
SILVER			B	B		
SILVER - DISSOLVED		B		B	B	B
SODIUM			B	B		
SODIUM - DISSOLVED		B		B	B	B
SULFATE		B	B	B	B	B
SULFIDE		B	B	B	B	B
THALLIUM			B	B		
THALLIUM - DISSOLVED		B		B	B	B
VANADIUM			B	B		
VANADIUM - DISSOLVED		B		B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G
ZINC			B	B		
ZINC - DISSOLVED		B		B	B	B

Code	MI Certification
B	Not Certified
G	Not Certified
K	Not Certified
M	Not Certified

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch Number: 881423
Lab Section: METALS-K
QC Batch Number: 18946
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-077	MBMTK0966-077
MB2	MB2WMTK0966-077	MB2WMTK0966-077
MB3	MB3WMTK0966-077	MB3WMTK0966-077
IPR	IPRWMTK0966-077	IPRWMTK0966-077
OPR	OPRWMTK0966-077	OPRWMTK0966-077
MS	881470-003MS	881470-003MS
MS	881451-001MS	881451-001MS
MS	881390-001MS	881390-001MS
MSD	881470-003MSD	881470-003MSD
MSD	881451-001MSD	881451-001MSD
MSD	881390-001MSD	881390-001MSD

Client Sample ID FBK-004 **Lab Sample ID** 881423-003 **Client Sample ID** PW-2 **Lab Sample ID** 881423-004

Test Name	Method Blank Result Conc		Method Blank 2 Result Conc		Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.298	<	0.163	<	0.163	5	5.209	104.2	5.063	101.3	79	121	881390-001	14.7	10.0	26.6	118.9		10.0	25	102.8		6.2		75	125	24
Mercury - Low Level													881451-001	1.6	5.0	7.1	109.9		5.0	6.6	99.7		7.5		75	125	24
Mercury - Low Level													881470-003	55.75	100.0	158.3	102.5		100.0	161	105.3		1.7		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 3/26/2007
QC Batch Number: 19036

Sample Condition Upon Receipt

Pace Analytical

Client Name: North Jackson Co. Project # 881423

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used JB **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 0.5, 1.0, 3.0 (3 coolers) **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C **Comments:**

Date and initials of person examining contents: 3-9-07 cg LM 3-9-07 cg

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. NH Note
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8. see 10.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☐Yes ☒No ☐N/A	10. tray received broken @ #603 for PAH 3/19/07
Filtered volume received for Dissolved tests	☒Yes ☐No ☐N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: GW/W		
All containers needing preservation have been checked.	☐Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☒Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: NH for TN **Date:** 3/27/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Pace Analytical®
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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

COC No. 017865

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other ZnNaOH

Company Name:	North Jackson Co
Branch/Location:	Marquette, MI
Project Contact:	J. Kesy FVD
Phone:	
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Andrew Marcum Richard Eagle
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	Foth VD
Mail To Address:	Green Bay, WI
Invoice To Contact:	J. Kesy
Invoice To Company:	FVD
Invoice To Address:	Same
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, SI = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	Trip Blank	3/8/07	—	W	N	A	See FVD Parameter List		2-40 ml B	
002	DUP-004	3/8/07	—	GW	Y	A		Long List	3-Cl trag A, 2-500 ml p A,D 4-250 ml p ZnNaOH, NaOH, D,C 3-40ml B 2-trag A 2-500 ml p A,D 1-500 ml B 4-250 ml p ZnNaOH, NaOH, D,C 3-40ml B	
003	FBK-004	3/8/07	1600	W	N	B			3-250, D,D,A 5-250 ml p DD ZnNaOH, NaOH, C 3-40ml B 2-500	
004	PW-2	3/8/07	1300	GW	N	C		Short List		
	~~KMW-5~~							~~Short List~~		
005	PW-1	3/8/07	1145	GW	Y	D		Long List	3-Cl trag A, 2-500 ml p D,A 4-250 ml p ZnNaOH, NaOH, D,C 3-40ml B 1-500 ml p	
	~~KMW-1~~				~~N~~	~~A~~		~~Long List~~		
	~~PW-4~~				~~N~~	~~A~~		~~Long List~~		
006	KMW-6A	3/8/07	H2O	GW	N	A		Long List	↓	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard Eagle	3/8/07 1700	FedEx	
FedEx	3/9/07 0845	Pace	3/9/07 0845

PACE Project No. 881423

Receipt Temp = 0.5, 1.0 +3.0 °C
3 coolers

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881423
Lab Section: BNASIM
QC Batch Number: 18803
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog2114-20MB	svog2114-20MB
LCS	svog2114-20LCS	svog2114-20LCS
MS	881435-010MS	881435-010MS
MSD	881435-010MSD	881435-010MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-004	881423-002	MB
KMW-6A	881423-006	MB

Client Sample ID	Lab Sample ID	MB ID
PW-1	881423-005	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.12	59		---	---	---		---		40	126	23	881435-010		1.0	0.19	1.2	89		0.19	1.2	97		1.4		56	113	24
Acenaphthylene	<	0.0086	0.20	0.12	59		---	---	---		---		39	127	24	881435-010	<	0.16	0.19	0	0	N	0.19	0	0	N	0.0		56	115	24
Anthracene	<	0.012	0.20	0.13	67		---	---	---		---		39	139	27	881435-010	<	0.23	0.19	0	0	N	0.19	0	0	N	0.0		55	126	20
Benzo(a)anthracene	<	0.017	0.20	0.18	90		---	---	---		---		48	146	20	881435-010	<	0.31	0.19	0	0	N	0.19	0	0	N	0.0		45	150	20
Benzo(a)pyrene	<	0.019	0.20	0.18	88		---	---	---		---		61	136	20	881435-010	<	0.37	0.19	0	0	N	0.19	0	0	N	0.0		72	129	20
Benzo(b)fluoranthene	<	0.017	0.20	0.2	101		---	---	---		---		51	141	20	881435-010	<	0.31	0.19	0	0	N	0.19	0	0	N	0.0		72	134	20
Benzo(ghi)perylene	<	0.02	0.20	0.17	86		---	---	---		---		57	136	20	881435-010	<	0.39	0.19	0	0	N	0.19	0	0	N	0.0		72	128	20
Benzo(k)fluoranthene	<	0.02	0.20	0.18	91		---	---	---		---		61	149	20	881435-010	<	0.39	0.19	0	0	N	0.19	0	0	N	0.0		75	129	20
Chrysene	<	0.02	0.20	0.17	86		---	---	---		---		61	150	20	881435-010	<	0.38	0.19	0	0	N	0.19	0	0	N	0.0		71	136	20
Dibenz(a,h)anthracene	<	0.02	0.20	0.17	87		---	---	---		---		46	150	20	881435-010	<	0.38	0.19	0	0	N	0.19	0	0	N	0.0		43	150	20
Fluoranthene	<	0.016	0.20	0.16	79		---	---	---		---		48	145	20	881435-010	<	0.31	0.19	0	0	N	0.19	0	0	N	0.0		58	137	20
Fluorene	<	0.0096	0.20	0.12	61		---	---	---		---		40	131	25	881435-010		0.32	0.19	0	-170	N	0.19	0	-170	N	0.0		56	121	21
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.17	86		---	---	---		---		54	143	20	881435-010	<	0.38	0.19	0	0	N	0.19	0	0	N	0.0		71	140	20
Naphthalene	<	0.013	0.200	0.14	70		---	---	---		---		45	131	30	881435-010		10.2	0.189	10.5	175	N	0.189	10.3	57		2.1		53	107	31
Phenanthrene	<	0.012	0.20	0.14	69		---	---	---		---		40	131	25	881435-010	<	0.23	0.19	0	0	N	0.19	0	0	N	0.0		58	138	20
Pyrene	<	0.015	0.20	0.15	76		---	---	---		---		55	135	20	881435-010	<	0.29	0.19	0	0	N	0.19	0	0	N	0.0		71	136	20
Nitrobenzene-d5		65%	---	---	57		---	---	---		---		10	150	---	881435-010		0%	---	---	0	D	---	---	0	D	---		10	150	---
2-Fluorobiphenyl		72%	---	---	63		---	---	---		---		20	111	---	881435-010		0%	---	---	0	D	---	---	0	D	---		20	111	---
Terphenyl-d14		93%	---	---	86		---	---	---		---		44	115	---	881435-010		0%	---	---	0	D	---	---	0	D	---		44	115	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18803

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881423
Lab Section: METALS
QC Batch Number: 18796
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2102-39	MBWMTG2102-39
MB	MBDMTG2102-39	MBDMTG2102-39
LCS	LCSWMTG2102-39	LCSWMTG2102-39
LCS	LCSDMTG2102-39	LCSDMTG2102-39
MS	PW-2MS	881423-004MS
MS	DUP-004MS	881423-002MS
MSD	PW-2MSD	881423-004MSD
MSD	DUP-004MSD	881423-002MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-004	881423-002	MB
PW-2	881423-004	MB
KMW-6A	881423-006	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-004	881423-003	MB
PW-1	881423-005	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum - Dissolved	<	6.3	10000	10430	104.3		---	---	---		---		75	125	20	881423-002		99.670	10000	9442	93.4		10000	9346	92.5		1.0		75	125	20
Antimony - Dissolved	<	0.24	200.0	214.3	107.2		---	---	---		---		75	125	20	881423-002	<	0.24	200.0	196.1	98.1		200.0	192.9	96.4		1.6		75	125	20
Arsenic - Dissolved	<	0.13	200.0	204.3	102.2		---	---	---		---		75	125	20	881423-002		2.050	200.0	197.6	97.8		200.0	193	95.5		2.4		75	125	20
Barium - Dissolved	<	0.12	200.0	196.4	98.2		---	---	---		---		75	125	20	881423-002		49.32	200.0	250.2	100.4		200.0	244	97.3		2.5		75	125	20
Beryllium - Dissolved	<	0.1	200.0	196.3	98.2		---	---	---		---		75	125	20	881423-002	<	0.1	200.0	166.7	83.3		200.0	163.1	81.6		2.2		75	125	20
Boron - Dissolved	<	1.2	200.0	198	99.0		---	---	---		---		75	125	20	881423-002		35.93	200.0	204.4	84.2		200.0	202.7	83.4		0.8		75	125	20
Cadmium - Dissolved	<	0.12	200.0	203	101.5		---	---	---		---		75	125	20	881423-002	<	0.12	200.0	189.4	94.7		200.0	187.3	93.7		1.1		75	125	20
Calcium - Dissolved	J	17	10000.0	10240	102.4		---	---	---		---		75	125	20	881423-002		23870.0	10000.0	32930	90.6		10000.0	31970	81.0		3.0		75	125	20
Chromium - Dissolved	<	0.32	200.0	208.3	104.2		---	---	---		---		75	125	20	881423-002		1.670	200.0	185.6	92.0		200.0	182.3	90.3		1.8		75	125	20
Cobalt - Dissolved	<	0.026	200.0	193.7	96.8		---	---	---		---		75	125	20	881423-002		5.000E-2	200.0	179.7	89.8		200.0	173.1	86.5		3.7		75	125	20
Copper - Dissolved	<	0.59	200.0	194.5	97.2		---	---	---		---		75	125	20	881423-002	<	0.59	200.0	175.6	87.8		200.0	171.1	85.6		2.6		75	125	20
Iron - Dissolved	<	9.3	10000.0	10320	103.2		---	---	---		---		75	125	20	881423-002		16450.0	10000.0	25230	87.8		10000.0	24310	78.6		3.7		75	125	20
Lead - Dissolved	<	0.049	200.0	207.4	103.7		---	---	---		---		75	125	20	881423-002	<	0.049	200.0	198.3	99.2		200.0	194.7	97.3		1.8		75	125	20
Magnesium - Dissolved	J	26	10000.0	10250	102.5		---	---	---		---		75	125	20	881423-002		13230.0	10000.0	22350	91.2		10000.0	21840	86.1		2.3		75	125	20
Manganese - Dissolved	<	0.12	200.00	199.9	99.9		---	---	---		---		75	125	20	881423-002		2000.0	200.00	2192	96.0	+	200.00	2091	45.5	+	4.7		75	125	20
Molybdenum - Dissolved	<	0.61	200.0	205.7	102.8		---	---	---		---		75	125	20	881423-002	<	0.61	200.0	188.7	94.3		200.0	186.8	93.4		1.0		75	125	20
Nickel - Dissolved	<	0.32	200.0	197.5	98.8		---	---	---		---		75	125	20	881423-002		0.3900	200.0	174.5	87.1		200.0	170.5	85.1		2.3		75	125	20
Potassium - Dissolved	<	5.7	10000.0	10420	104.2		---	---	---		---		75	125	20	881423-002		3041.00	10000.0	12650	96.1		10000.0	12380	93.4		2.2		75	125	20
Selenium - Dissolved	<	0.67	200.0	201.6	100.8		---	---	---		---		75	125	20	881423-002	<	0.67	200.0	191.7	95.8		200.0	187.4	93.7		2.3		75	125	20

Conc = ug/L unless otherwise noted
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Report Date: 9/4/2007
QC Batch Number: 18796

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Silver - Dissolved	<	0.034	100	101.6	101.6		---	---	---		---			75	125	20	881423-002	<	0.034	100	92.7	92.7		100	90.8	90.8		2.0			75	125	20
Sodium - Dissolved	<	17	10000.0	10170	101.7		---	---	---		---			75	125	20	881423-002		4220.00	10000.0	13780	95.6		10000.0	13470	92.5		2.3			75	125	20
Thallium - Dissolved	<	0.053	200.0	200.4	100.2		---	---	---		---			75	125	20	881423-002	<	0.053	200.0	193.7	96.8		200.0	189.8	94.9		2.0			75	125	20
Vanadium - Dissolved	<	0.1	200.0	205.5	102.8		---	---	---		---			75	125	20	881423-002		4.320	200.0	187.1	91.4		200.0	183.1	89.4		2.2			75	125	20
Zinc - Dissolved	J	4.9	200.0	215.8	107.9		---	---	---		---			75	125	20	881423-002		2.190	200.0	183.3	90.6		200.0	177.3	87.6		3.3			75	125	20
Aluminum	<	6.3	10000	10430	104.3		---	---	---		---			75	125	20	881423-004		699.30	10000	9903	92.0		10000	9888	91.9		0.2			75	125	20
Antimony	<	0.24	200.0	214.3	107.2		---	---	---		---			75	125	20	881423-004	<	0.24	200.0	194.7	97.3		200.0	196.7	98.3		1.0			75	125	20
Arsenic	<	0.13	200.0	204.3	102.2		---	---	---		---			75	125	20	881423-004		2.200	200.0	196.4	97.1		200.0	199.9	98.8		1.8			75	125	20
Barium	<	0.12	200.0	196.4	98.2		---	---	---		---			75	125	20	881423-004		30.28	200.0	229.4	99.6		200.0	233.9	101.8		1.9			75	125	20
Beryllium	<	0.1	200.0	196.3	98.2		---	---	---		---			75	125	20	881423-004	<	0.1	200.0	170.6	85.3		200.0	171.2	85.6		0.4			75	125	20
Boron	<	1.2	200.0	198	99.0		---	---	---		---			75	125	20	881423-004		81.28	200.0	262.1	90.4		200.0	264.5	91.6		0.9			75	125	20
Cadmium	<	0.12	200.0	203	101.5		---	---	---		---			75	125	20	881423-004		1.510	200.0	187.5	93.0		200.0	191.1	94.8		1.9			75	125	20
Calcium	J	17	10000.0	10240	102.4		---	---	---		---			75	125	20	881423-004		69040.0	10000.0	76930	78.9	+	10000.0	79030	99.9	+	2.7			75	125	20
Chromium	<	0.32	200.0	208.3	104.2		---	---	---		---			75	125	20	881423-004		2.330	200.0	188.9	93.3		200.0	191.2	94.4		1.2			75	125	20
Cobalt	<	0.026	200.0	193.7	96.8		---	---	---		---			75	125	20	881423-004		17.17	200.0	195.2	89.0		200.0	197.4	90.1		1.1			75	125	20
Copper	<	0.59	200.0	194.5	97.2		---	---	---		---			75	125	20	881423-004		5.100	200.0	179.6	87.2		200.0	179.1	87.0		0.3			75	125	20
Iron	<	9.3	10000.0	10320	103.2		---	---	---		---			75	125	20	881423-004		1785.00	10000.0	11440	96.6		10000.0	11490	97.1		0.4			75	125	20
Lead	<	0.049	200.0	207.4	103.7		---	---	---		---			75	125	20	881423-004		0.4700	200.0	198.7	99.1		200.0	203	101.3		2.1			75	125	20
Magnesium	J	26	10000.0	10250	102.5		---	---	---		---			75	125	20	881423-004		34280.0	10000.0	42920	86.4		10000.0	43580	93.0		1.5			75	125	20
Manganese	<	0.12	200.00	199.9	99.9		---	---	---		---			75	125	20	881423-004		2111.0	200.00	2254	71.5	+	200.00	2228	58.5	+	1.2			75	125	20
Molybdenum	<	0.61	200.0	205.7	102.8		---	---	---		---			75	125	20	881423-004		0.7400	200.0	184.5	91.9		200.0	190.3	94.8		3.1			75	125	20
Nickel	<	0.32	200.0	197.5	98.8		---	---	---		---			75	125	20	881423-004		66.72	200.0	239.8	86.5		200.0	241.2	87.2		0.6			75	125	20
Potassium	<	5.7	10000.0	10420	104.2		---	---	---		---			75	125	20	881423-004		3474.00	10000.0	12770	93.0		10000.0	12750	92.8		0.2			75	125	20
Selenium	<	0.67	200.0	201.6	100.8		---	---	---		---			75	125	20	881423-004	<	0.67	200.0	193.9	96.9		200.0	196.5	98.2		1.3			75	125	20
Silver	<	0.034	100	101.6	101.6		---	---	---		---			75	125	20	881423-004	<	0.034	100	88.2	88.2		100	89.7	89.7		1.7			75	125	20
Sodium	<	17	10000.0	10170	101.7		---	---	---		---			75	125	20	881423-004		5029.00	10000.0	14460	94.3		10000.0	14560	95.3		0.7			75	125	20
Thallium	<	0.053	200.0	200.4	100.2		---	---	---		---			75	125	20	881423-004	<	0.053	200.0	194.4	97.2		200.0	198.9	99.4		2.3			75	125	20
Vanadium	<	0.1	200.0	205.5	102.8		---	---	---		---			75	125	20	881423-004		2.480	200.0	187	92.3		200.0	188.9	93.2		1.0			75	125	20
Zinc	J	4.9	200.0	215.8	107.9		---	---	---		---			75	125	20	881423-004		31.56	200.0	203.3	85.9		200.0	206.9	87.7		1.8			75	125	20

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Report Date: 9/4/2007
QC Batch Number: 18796

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881423
Lab Section: METALS-K
QC Batch Number: 18946
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-077	MBMTK0966-077
IPR	IPRWMTK0966-077	IPRWMTK0966-077
OPR	OPRWMTK0966-077	OPRWMTK0966-077
MS	881470-003MS	881470-003MS
MS	881451-001MS	881451-001MS
MS	881390-001MS	881390-001MS
MSD	881470-003MSD	881470-003MSD
MSD	881451-001MSD	881451-001MSD
MSD	881390-001MSD	881390-001MSD

Client Sample ID FBK-004 **Lab Sample ID** 881423-003 **MB ID** MB

Client Sample ID PW-2 **Lab Sample ID** 881423-004 **MB ID** MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level	0.298	0	---	---		---	---	---		---		---	---	---	881390-001	14.7	10.0	26.6	118.9		10.0	25	102.8		6.2		75	125	24
Mercury - Low Level	0.298	0	---	---		---	---	---		---		---	---	---	881451-001	1.6	5.0	7.1	109.9		5.0	6.6	99.7		7.5		75	125	24
Mercury - Low Level	0.298	0	---	---		---	---	---		---		---	---	---	881470-003	55.75	100.0	158.3	102.5		100.0	161	105.3		1.7		75	125	24

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Report Date: 9/4/2007
QC Batch Number: 18946

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881423
Lab Section: METALS-K
QC Batch Number: 19036
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-078	MBWMTK0966-078
MB	MBMTK0966-078	MBMTK0966-078
IPR	IPRWMTK0966-078	IPRWMTK0966-078
OPR	OPRWMTK0966-078	OPRWMTK0966-078
MS	881546-002MS	881546-002MS
MS	881479-001MS	881479-001MS
MS	KMW-6AMS	881423-006MS
MSD	881546-002MSD	881546-002MSD
MSD	881479-001MSD	881479-001MSD
MSD	KMW-6AMSD	881423-006MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-004	881423-002	MB
PW-1	881423-005	MB

Client Sample ID	Lab Sample ID	MB ID
PW-2	881423-004	MB
KMW-6A	881423-006	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Dissol	<	0.163	0	---	---		---	---	---		---		---	---	---	881423-006		1.2	5.0	5.6	88.3		5.0	5.7	89.9		1.4		75	125	24
Mercury - Low Level - Dissol	<	0.163	0	---	---		---	---	---		---		---	---	---	881546-002		1.0	5.0	5.1	80.4		5.0	5.2	83.4		3.0		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 19036

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881423
Lab Section: PCB-K
QC Batch Number: 18722
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-052PCBMB	SVG2057-052PCBMB
LCS	SVG2057-052PCBLCS	SVG2057-052PCBLCS
MS	881389-020MS	881389-020MS
MSD	881389-020MSD	881389-020MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-004	881423-002	MB
KMW-6A	881423-006	MB

Client Sample ID	Lab Sample ID	MB ID
PW-1	881423-005	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.12	0	---	---		---	---	---		---		---	---	---	881389-020	<	0.24	---	---	---		---	---	---		---		---	---	---
Aroclor 1221	<	0.12	0	---	---		---	---	---		---		---	---	---	881389-020	<	0.24	---	---	---		---	---	---		---		---	---	---
Aroclor 1232	<	0.12	0	---	---		---	---	---		---		---	---	---	881389-020	<	0.24	---	---	---		---	---	---		---		---	---	---
Aroclor 1242	<	0.12	0	---	---		---	---	---		---		---	---	---	881389-020	<	0.24	---	---	---		---	---	---		---		---	---	---
Aroclor 1248	<	0.12	0	---	---		---	---	---		---		---	---	---	881389-020	<	0.24	---	---	---		---	---	---		---		---	---	---
Aroclor 1254	<	0.12	0	---	---		---	---	---		---		---	---	---	881389-020	<	0.24	---	---	---		---	---	---		---		---	---	---
Aroclor 1260	<	0.12	5.0	3.8	76		---	---	---		---		47	138	20	881389-020	<	0.24	5.2	4.5	87		5.2	4.5	86		0.1		17	151	20
Total PCBs	<	0.12	---	---	---		---	---	---		---		---	---	---	881389-020	<	0.24	---	---	---		---	---	---		---		---	---	---
Tetrachloro-m-xylene		79%	---	---	84		---	---	---		---		42	122	---	881389-020		87%	---	---	91		---	---	90		---		42	122	---
Decachlorobiphenyl		82%	---	---	78		---	---	---		---		10	128	---	881389-020		88%	---	---	91		---	---	91		---		10	128	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18722

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881423
Lab Section: VOA
QC Batch Number: 18728
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2131-85MB	vog2131-85MB
LCS	vog2131-85LCS	vog2131-85LCS
LCSD	vog2131-85LCSD	vog2131-85LCSD
MS	881367-003MS	881367-003MS
MSD	881367-003MSD	881367-003MSD

Client Sample ID	Lab Sample ID	MB ID
TRIP BLANK	881423-001	MB
FBK-004	881423-003	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-004	881423-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	<	0.9	50.0	55.9	112		50.0	54.9	110		1.9			75	128	20	881367-003	<	0.9	50.0	56.3	113		50.0	55.1	110		2.1			70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	44.5	89		50.0	45.7	91		2.7			67	125	20	881367-003	<	0.2	50.0	47.6	95		50.0	45.5	91		4.4			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	50.6	101		50.0	51.5	103		1.8			75	125	20	881367-003	<	0.42	50.0	53.1	106		50.0	49.6	99		6.9			70	130	30
1,1-Dichloroethane	<	0.75	50.0	55.2	110		50.0	54.6	109		1.2			71	130	20	881367-003	<	0.75	50.0	56.5	113		50.0	53.6	107		5.3			70	130	30
1,1-Dichloroethene	<	0.57	50.0	58.9	118		50.0	57.1	114		3.0			75	125	20	881367-003	<	0.57	50.0	58.7	117		50.0	56.9	114		3.1			70	135	30
1,2-Dichloroethane	<	0.36	50.0	54.7	109		50.0	54.2	108		0.9			71	132	20	881367-003	<	0.36	50.0	55	110		50.0	54.1	108		1.7			70	130	30
1,2-Dichloroethene, Total	<	1.4	100	93.8	94		100	92.4	92		1.5			75	125	20	881367-003	<	1.4	100	96.6	97		100	93.5	93		3.3			70	130	30
1,2-Dichloropropane	<	0.46	50.0	51.9	104		50.0	52.1	104		0.3			73	125	20	881367-003	<	0.46	50.0	53.5	107		50.0	52.3	105		2.3			70	130	30
2-Butanone	<	4.3	50.0	46.4	93		50.0	48	96		3.3			59	130	20	881367-003	<	4.3	50.0	49.2	98		50.0	54.1	108		9.5			51	130	30
2-Hexanone	<	1.1	50.0	42.4	85		50.0	44.1	88		3.8			51	125	20	881367-003	<	1.1	50.0	45.3	91		50.0	41.8	84		7.9			53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	46.5	93		50.0	49.2	98		5.5			59	125	20	881367-003	<	1.2	50.0	48.5	97		50.0	47.5	95		2.2			62	130	30
Acetone	<	2.3	50.0	50.2	100		50.0	47.7	95		5.1			31	150	20	881367-003	<	2.3	50.0	49.9	100		50.0	53.7	107		7.3			42	132	30
Benzene	<	0.41	50.0	53.1	106		50.0	51.9	104		2.4			75	125	20	881367-003	<	0.41	50.0	52.8	106		50.0	51.3	103		3.0			70	130	30
Bromodichloromethane	<	0.56	50.0	53.2	106		50.0	52.3	105		1.5			75	125	20	881367-003	<	0.56	50.0	52.5	105		50.0	51.7	103		1.7			70	130	30
Bromoform	<	0.94	50.0	50	100		50.0	51.5	103		2.8			75	125	20	881367-003	<	0.94	50.0	51	102		50.0	48	96		6.0			70	130	30
Bromomethane	<	0.91	50.0	42.1	84		50.0	46.1	92		9.0			66	125	20	881367-003	<	0.91	50.0	49.2	98		50.0	51.4	103		4.4			63	147	30
Carbon Disulfide	<	0.66	50.0	58.9	118		50.0	58.3	117		1.0			71	128	20	881367-003	<	0.66	50.0	56.4	113		50.0	46.2	92		19.9			56	142	30
Carbon Tetrachloride	<	0.49	50.0	60.8	122		50.0	59.6	119		1.8			75	125	20	881367-003	<	0.49	50.0	60.3	121		50.0	59.4	119		1.6			70	131	30
Chlorobenzene	<	0.41	50.0	48.7	97		50.0	49.3	99		1.2			75	125	20	881367-003	<	0.41	50.0	51.6	103		50.0	49.9	100		3.4			70	130	30
Chlorodibromomethane	<	0.81	50.0	49.4	99		50.0	50.1	100		1.3			75	125	20	881367-003	<	0.81	50.0	49	98		50.0	47.7	95		2.7			70	130	30
Chloroethane	<	0.97	50.0	55.1	110		50.0	54.2	108		1.7			72	126	20	881367-003	<	0.97	50.0	56.4	113		50.0	55.2	110		2.2			67	138	30
Chloroform	<	0.37	50.0	53.8	108		50.0	52.8	106		1.8			75	125	20	881367-003	<	0.37	50.0	54.4	109		50.0	53.5	107		1.5			70	130	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18728

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloromethane	<	0.24	50.0	60.1	120		50.0	60	120		0.2		46	143	20	881367-003	<	0.24	50.0	60.5	121		50.0	57.3	115		5.5		43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	51	102		50.0	50.6	101		0.7		75	125	20	881367-003	<	0.19	50.0	51.9	104		50.0	47.7	95		8.4		70	130	30
Ethylbenzene	<	0.54	50.0	51.2	102		50.0	52	104		1.5		75	125	20	881367-003	<	0.54	50.0	52	104		50.0	50.9	102		2.0		70	136	30
Methylene Chloride	<	0.43	50.0	55.2	110		50.0	54.3	109		1.7		75	125	20	881367-003	<	0.43	50.0	55.4	111		50.0	55.2	110		0.4		70	130	30
Styrene	<	0.86	50.0	51.8	104		50.0	52.1	104		0.6		75	125	20	881367-003	<	0.86	50.0	43.3	87		50.0	41.9	84		3.4		70	130	30
Tetrachloroethene	<	0.45	50.0	49.1	98		50.0	48.9	98		0.4		75	130	20	881367-003	<	0.45	50.0	49.4	99		50.0	48.3	97		2.2		70	130	30
Toluene	<	0.67	50.0	50.6	101		50.0	51	102		0.8		75	125	20	881367-003	<	0.67	50.0	51.6	103		50.0	50.3	101		2.6		70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	48.9	98		50.0	50.5	101		3.2		75	125	20	881367-003	<	0.19	50.0	51.6	103		50.0	47.2	94		8.9		70	130	30
Trichloroethene	<	0.48	50.0	54.4	109		50.0	52.9	106		2.9		75	125	20	881367-003	<	0.48	50.0	53.5	107		50.0	52.8	106		1.4		70	130	30
Vinyl Chloride	<	0.18	50.0	58.4	117		50.0	56.9	114		2.5		65	130	20	881367-003	<	0.18	50.0	57.8	116		50.0	58.6	117		1.4		62	138	30
Xylene, Total	<	2.6	150.0	151.5	101		150.0	154.5	103		2.0		75	125	20	881367-003	<	2.6	150.0	148.9	99		150.0	147.7	98		0.8		70	130	30
4-Bromofluorobenzene		81%	---	---	86		---	---	86		---		64	132	---	881367-003		81%	---	---	84		---	---	87		---		64	132	---
Toluene-d8		84%	---	---	84		---	---	87		---		73	127	---	881367-003		82%	---	---	85		---	---	87		---		73	127	---
Dibromofluoromethane		85%	---	---	85		---	---	85		---		68	122	---	881367-003		88%	---	---	85		---	---	85		---		68	122	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18728

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881423
Lab Section: VOA
QC Batch Number: 18731
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2131-88MB	vog2131-88MB
LCS	vog2131-88LCS	vog2131-88LCS
LCSD	vog2131-88LCSD	vog2131-88LCSD
MS	881435-010MS	881435-010MS
MSD	881435-010MSD	881435-010MSD

Client Sample ID	Lab Sample ID	MB ID
PW-2	881423-004	MB
KMW-6A	881423-006	MB

Client Sample ID	Lab Sample ID	MB ID
PW-1	881423-005	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	<	0.9	50.0	54	108		50.0	54.4	109		0.8			75	126	20	---	---	---	---	---		---	---	---		---			---	---	---
1,1,2,2-Tetrachloroethane	<	0.2	50.0	49.9	100		50.0	48.5	97		2.8			67	125	20	---	---	---	---	---		---	---	---		---			---	---	---
1,1,2-Trichloroethane	<	0.42	50.0	51.8	104		50.0	50.9	102		1.7			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
1,1-Dichloroethane	<	0.75	50.0	54.4	109		50.0	54.3	109		0.2			71	130	20	---	---	---	---	---		---	---	---		---			---	---	---
1,1-Dichloroethene	<	0.57	50.0	57.5	115		50.0	57.7	115		0.3			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
1,2-Dichloroethane	<	0.36	50.0	51.8	104		50.0	51.2	102		1.1			71	132	20	---	---	---	---	---		---	---	---		---			---	---	---
1,2-Dichloroethene, Total	<	1.4	100.0	108.1	108		100.0	106.2	106		1.8			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
1,2-Dichloropropane	<	0.46	50.0	51	102		50.0	50.9	102		0.2			73	125	20	---	---	---	---	---		---	---	---		---			---	---	---
2-Butanone	<	4.3	50.0	50.3	101		50.0	50.8	102		0.9			59	130	20	---	---	---	---	---		---	---	---		---			---	---	---
2-Hexanone	<	1.1	50.0	53.5	107		50.0	49.9	100		6.9			51	125	20	---	---	---	---	---		---	---	---		---			---	---	---
4-Methyl-2-pentanone	<	1.2	50.0	53.9	108		50.0	51.8	104		4.0			59	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Acetone	<	2.3	50.0	53.4	107		50.0	46.4	93		14.0			31	150	20	---	---	---	---	---		---	---	---		---			---	---	---
Bromodichloromethane	<	0.56	50.0	52.5	105		50.0	52.1	104		0.8			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Bromoform	<	0.94	50.0	49	98		50.0	47.3	95		3.5			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Bromomethane	<	0.91	50.0	41.4	83		50.0	45.4	91		9.2			66	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Carbon Disulfide	<	0.66	50.0	54.1	108		50.0	53.8	108		0.5			71	128	20	---	---	---	---	---		---	---	---		---			---	---	---
Carbon Tetrachloride	<	0.49	50.0	56.7	113		50.0	56.3	113		0.7			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Chlorobenzene	<	0.41	50.0	53.6	107		50.0	53.5	107		0.2			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Chlorodibromomethane	<	0.81	50.0	52.4	105		50.0	51.9	104		0.9			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Chloroethane	<	0.97	50.0	56.4	113		50.0	56.2	112		0.2			72	126	20	---	---	---	---	---		---	---	---		---			---	---	---
Chloroform	<	0.37	50.0	54.1	108		50.0	54.7	109		1.0			75	125	20	---	---	---	---	---		---	---	---		---			---	---	---
Chloromethane	<	0.24	50.0	51.9	104		50.0	51.4	103		0.9			46	143	20	---	---	---	---	---		---	---	---		---			---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18731

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
cis-1,3-Dichloropropene	<	0.19	50.0	51.9	104		50.0	51.1	102		1.5			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Methylene Chloride	<	0.43	50.0	53.9	108		50.0	54.1	108		0.5			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Styrene	<	0.86	50.0	57.2	114		50.0	55.6	111		2.9			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Tetrachloroethene	<	0.45	50.0	54.3	109		50.0	54.4	109		0.1			75	130	20	---		---	---	---	---		---	---	---		---			---	---	---
trans-1,3-Dichloropropene	<	0.19	50.0	54.3	109		50.0	53.8	108		0.9			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Trichloroethene	<	0.48	50.0	54.8	110		50.0	55.1	110		0.5			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Vinyl Chloride	<	0.18	50.0	58.3	117		50.0	57.8	116		0.8			65	130	20	---		---	---	---	---		---	---	---		---			---	---	---
Xylene, Total	<	2.6	150.0	168.1	112		150.0	165.2	110		1.7			75	125	20	---		---	---	---	---		---	---	---		---			---	---	---
Benzene	<	0.41	50.0	53.2	106		50.0	52.6	105		1.2			75	125	20	881435-010		1.02	50.0	54.2	106		50.0	53	104		2.2			70	130	30
Ethylbenzene	<	0.54	50.0	56.2	112		50.0	55.8	112		0.7			75	125	20	881435-010		12.2	50.0	67.3	110		50.0	67.3	110		0.1			70	136	30
Toluene	<	0.67	50.0	55	110		50.0	54.8	110		0.2			75	125	20	881435-010	<	0.67	50.0	54.7	109		50.0	54.6	109		0.3			70	130	30
4-Bromofluorobenzene		98%	---	---	98		---	---	98		---			64	132	---	881435-010		97%	---	---	96		---	---	96		---			64	132	---
Toluene-d8		98%	---	---	102		---	---	102		---			73	127	---	881435-010		101%	---	---	101		---	---	99		---			73	127	---
Dibromofluoromethane		99%	---	---	98		---	---	94		---			68	122	---	881435-010		96%	---	---	96		---	---	94		---			68	122	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18731

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881423
Lab Section: WETCHEM
QC Batch Number: 18717
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2138-030MB	WCG2138-030MB
LCS	WCG2138-030MBLCS	WCG2138-030MBLCS
MS	PW-2MS	881423-004MS
MSD	PW-2MSD	881423-004MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-004	881423-002	MB
PW-2	881423-004	MB
KMW-6A	881423-006	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-004	881423-003	MB
PW-1	881423-005	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	1.1	20.0	20.9	104.3		---	---	---		---			90	110	20	881423-004		4.36	20.0	21.8	86.9	N	20.0	21.8	87.2	N	0.2			90	110	20
Fluoride	<	0.059	2.0	2.1	103.0		---	---	---		---			90	110	20	881423-004		0.34	2.0	2.4	101.5		2.0	2.4	101.5		0.0			90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.8	110.0		---	---	---		---			90	110	20	881423-004		1.2	1.6	2.8	103.1		1.6	2.9	105.0		1.1			90	110	20
Nitrogen, Nitrite	<	0.036	0.80	0.84	105.0		---	---	---		---			90	110	20	881423-004	<	0.036	0.80	0.98	122.5	N	0.80	1	125.0	N	2.0			90	110	20
Sulfate	<	0.51	16.00	17.1	107.1		---	---	---		---			90	110	20	881423-004		170.3	160.0	338.5	105.1		160.0	339.6	105.8		0.3			90	110	20

Conc = mg/L unless otherwise noted
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Report Date: 9/4/2007
QC Batch Number: 18717

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881423
Lab Section: WETCHEM
QC Batch Number: 18757
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-091MB	WCG1919-091MB
LCS	WCG1919-091MBLCS	WCG1919-091MBLCS
MS	881367-003MS	881367-003MS
MSD	881367-003MSD	881367-003MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-004	881423-002	MB
PW-2	881423-004	MB
KMW-6A	881423-006	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-004	881423-003	MB
PW-1	881423-005	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	J	2.2	77.40	81.4	105.2		---	---	---		---			80	120	20	881367-003		66.00	100.0	167.2	101.2		100.0	169.4	103.4		1.3			80	120	20
Carbonate Alkalinity	<	1.7	0	---	---		---	---	---		---			---	---	---	881367-003	<	1.7	---	---	---		---	---	---		---			---	---	---
Total Alkalinity	J	2.2	77.40	81.4	105.2		---	---	---		---			80	120	20	881367-003		66.00	100.0	167.2	101.2		100.0	169.4	103.4		1.3			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18757

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881423
Lab Section: WETCHEM
QC Batch Number: 18822
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-092MB	WCG1919-092MB
LCS	WCG1919-092MBLCS	WCG1919-092MBLCS
MS	881477-004MS	881477-004MS
MSD	881477-004MSD	881477-004MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-004	881423-002	MB
PW-2	881423-004	MB
KMW-6A	881423-006	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-004	881423-003	MB
PW-1	881423-005	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Sulfide	< 2.5	44.4	45.6	102.7		---	---	---		---		80	120	20	881477-004	< 2.5	44.4	38.4	86.5		44.4	39.2	88.3		2.1		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18822

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881423
Lab Section: WETCHEM
QC Batch Number: 18840
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-034MB	WCG2151-034MB
LCS	WCG2151-034MBLCS	WCG2151-034MBLCS
MS	881429-004MS	881429-004MS
MS	881406-007MS	881406-007MS
MSD	881429-004MSD	881429-004MSD
MSD	881406-007MSD	881406-007MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-004	881423-002	MB
PW-2	881423-004	MB
KMW-6A	881423-006	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-004	881423-003	MB
PW-1	881423-005	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	< 0.0094	0.10	0.11	107.2		---	---	---		---		90	110	20	881406-007	< 0.0094	0.10	0	-7.3	N	0.10	0	-7.3	N	0.0		90	110	20
Cyanide, Total	< 0.0094	0.10	0.11	107.2		---	---	---		---		90	110	20	881429-004	< 0.0094	0.10	0.11	106.1		0.10	0.11	109.7		3.3		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18840

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 881423
Lab Section: WETCHEM
QC Batch Number: 18954
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-041MB	WCG2151-041MB
LCS	WCG2151-041MBLCS	WCG2151-041MBLCS
MS	881559-001MS	881559-001MS
MS	DUP-004MS	881423-002MS
MSD	881559-001MSD	881559-001MSD
MSD	DUP-004MSD	881423-002MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-004	881423-002	MB
PW-2	881423-004	MB
KMW-6A	881423-006	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-004	881423-003	MB
PW-1	881423-005	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.2	10.0	10.4	103.5		---	---	---		---			90	110	20	881423-002		0.857	10.0	11.1	102.5		10.0	11	101.5		0.9			90	110	20
Nitrogen, Ammonia	<	0.2	10.0	10.4	103.5		---	---	---		---			90	110	20	881559-001		28.6	10.0	40.4	118.5	N	10.0	39.7	111.1	N	1.8			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18954

Batch No. 881479

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

March 28, 2007

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 881479 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 881479

Client: FOTH INFRASTRUCTURE & ENVIRONMENT

Lab Contact: Tod Noltemeyer

Project Name: HUMBOLDT MILL

Project Number:

Lab Sample Number	Field ID	Matrix	Collection Date
881479-001	DUP-005	WATER	03/12/07
881479-002	TRIP BLANK	WATER	03/12/07
881479-003	PW-4	WATER	03/12/07
881479-004	MW-102	WATER	03/12/07
881479-005	KMW-1	WATER	03/12/07
881479-006	FBK-5	WATER	03/12/07
881479-007	MW-103	WATER	03/12/07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alle Wm for TodN

Approval Signature

3/28/07

Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP-005

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	3100		6.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Aluminum - Dissolved	63		6.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Arsenic	10		0.13	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	8.8		0.13	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Barium	100		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Barium - Dissolved	81		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Beryllium	0.20	B	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Boron	70		1.2	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Boron - Dissolved	71		1.2	10	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Cadmium	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Calcium	29000		13	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Calcium - Dissolved	29000		13	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Chromium	6.8		0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Chromium - Dissolved	2.0		0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cobalt	4.4		0.026	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	3.2		0.026	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Copper	9.7	B	0.59	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Hardness	120		0.15	2.0	1	mg/L		03/22/07	SW846 3020A	6020/2340B
Hardness - Dissolved	120		0.15	2.0	1	mg/L		03/22/07	SW846 3020A	6020/2340B
Iron	21000		9.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Iron - Dissolved	21000		9.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lead	4.3		0.049	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lithium	3.1		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Lithium - Dissolved	0.64		0.25	0.50	1	ug/L		03/19/07	EPA 3020	EPA 6020
Magnesium	12000		4.6	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Magnesium - Dissolved	12000		4.6	500	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Manganese	4100		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Manganese - Dissolved	4000		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Mercury - Low Level	20.5		0.163	0.500	1	ng/L	V	03/20/07	EPA 1631E	EPA 1631E
Molybdenum	1.3	B	0.61	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.62	B	0.61	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Nickel	5.1		0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.72	B	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Potassium	2900		5.7	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Potassium - Dissolved	2600		5.7	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Silver	0.12	B	0.068	1.0	2	ug/L	CA	03/23/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.068	U	0.068	1.0	2	ug/L	CA	03/23/07	SW846 3020A	SW846 6020

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP-005

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Sodium	3500		17	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Sodium - Dissolved	3500		17	500	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Vanadium	13		0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	5.1		0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Zinc	12		0.98	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Zinc - Dissolved	5.3	B	0.98	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	1.12		0.163	0.500	1	ng/L	V	03/20/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	150		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Chloride	4.3	B	1.1	5.0	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.21	B	0.059	0.50	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.2		0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Sulfate	2.2	B	0.51	4.0	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/14/07	EPA 376.1	EPA 376.1
Total Alkalinity	150		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Acetone	5.6		2.3	5.0	1	ug/L	*	03/14/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP-005

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Toluene	1.0		0.67	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	104		64	132	1	%		03/14/07	SW846 5030B	SW846 8260B
Toluene-d8	111		73	127	1	%		03/14/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	107		68	122	1	%		03/14/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/15/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.036	J	0.0091	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.013	J	0.0090	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Anthracene	0.017	J	0.013	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.017	U	0.017	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.020	U	0.020	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.017	U	0.017	0.052	1	ug/L	Z	03/15/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.021	U	0.021	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.021	U	0.021	0.052	1	ug/L	Z	03/15/07	SW846 3510C	8270C-SIM
Chrysene	0.021	U	0.021	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.021	U	0.021	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Fluoranthene	0.022	J	0.017	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Fluorene	0.10		0.010	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.021	U	0.021	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Naphthalene	0.14		0.014	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Phenanthrene	0.051	J	0.013	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Pyrene	0.030	J	0.016	0.052	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	75		10	150	1	%		03/15/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	79		20	111	1	%		03/15/07	SW846 3510C	8270C-SIM
Terphenyl-d14	105		44	115	1	%		03/15/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1221	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1232	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1242	2.5		0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1248	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1254	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1260	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Total PCBs	2.5		0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082

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Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP-005

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-001

PCB

Prep Date: 03/14/07

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Surrogate		**LCL**	**UCL**						
Tetrachloro-m-xylene	84	42	122	1	%		03/14/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	80	10	128	1	%		03/14/07	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L	*	03/14/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Methylene Chloride	1.3		0.43	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	104		64	132	1	%		03/14/07	SW846 5030B	SW846 8260B
Toluene-d8	112		73	127	1	%		03/14/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	108		68	122	1	%		03/14/07	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : PW-4

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-003

PAH/PNA

Prep Date: 03/15/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.012	U	0.012	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.012	U	0.012	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Anthracene	0.017	U	0.017	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.023	U	0.023	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.027	U	0.027	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.023	U	0.023	0.068	1	ug/L	Z	03/15/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.028	U	0.028	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.028	U	0.028	0.068	1	ug/L	Z	03/15/07	SW846 3510C	8270C-SIM
Chrysene	0.028	U	0.028	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.027	U	0.027	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Fluoranthene	0.022	U	0.022	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Fluorene	0.013	U	0.013	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.027	U	0.027	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Naphthalene	0.026	J	0.018	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Phenanthrene	0.016	U	0.016	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Pyrene	0.021	U	0.021	0.068	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	44		10	150	1	%		03/15/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	53		20	111	1	%		03/15/07	SW846 3510C	8270C-SIM
Terphenyl-d14	95		44	115	1	%		03/15/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.15	U	0.15	0.62	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1221	0.15	U	0.15	0.62	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1232	0.15	U	0.15	0.62	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1242	0.15	U	0.15	0.62	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1248	0.15	U	0.15	0.62	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1254	0.15	U	0.15	0.62	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1260	0.15	U	0.15	0.62	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Total PCBs	0.15	U	0.15	0.62	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	84		42	122	1	%		03/20/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	91		10	128	1	%		03/20/07	SW846 3510C	SW846 8082

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1241 Bellevue Street
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Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-102

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Bicarbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Chloride	1100	B	530	2500	500	mg/L	C	03/14/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	29	U	29	250	500	mg/L	C	03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	42	U	42	200	500	mg/L	C	03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	18	U	18	50	500	mg/L	C	03/14/07	EPA 300.0	EPA 300.0
Sulfate	9900		260	2000	500	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/14/07	EPA 376.1	EPA 376.1
Total Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B

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Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-1

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	61		6.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	8.8		0.13	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Barium - Dissolved	80		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Boron - Dissolved	75		2.4	20	2	ug/L	C	03/23/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Calcium - Dissolved	29000		13	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Chromium - Dissolved	2.0		0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	3.2		0.026	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Hardness - Dissolved	120		0.15	2.0	1	mg/L		03/22/07	SW846 3020A	6020/2340B
Iron - Dissolved	20000		9.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lithium - Dissolved	0.74		0.25	0.50	1	ug/L		03/19/07	EPA 3020	EPA 6020
Magnesium - Dissolved	12000		4.6	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Manganese - Dissolved	4000		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.68	B	0.61	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.68	B	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Potassium - Dissolved	2500		5.7	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.068	U	0.068	1.0	2	ug/L	CA	03/23/07	SW846 3020A	SW846 6020
Sodium - Dissolved	3400		17	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	5.1		0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Zinc - Dissolved	5.0	B	0.98	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	1.20		0.163	0.500	1	ng/L	V	03/20/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	140		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Chloride	4.7	B	1.1	5.0	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.23	B	0.059	0.50	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.2		0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Sulfate	2.5	B	0.51	4.0	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/14/07	EPA 376.1	EPA 376.1
Total Alkalinity	140		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-1

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-005

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Acetone	6.6		2.3	5.0	1	ug/L	*	03/14/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Toluene	1.0		0.67	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	102		64	132	1	%		03/14/07	SW846 5030B	SW846 8260B
Toluene-d8	112		73	127	1	%		03/14/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	109		68	122	1	%		03/14/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/15/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.032	J	0.0091	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.033	J	0.0090	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Anthracene	0.016	J	0.013	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.017	U	0.017	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.020	U	0.020	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.017	U	0.017	0.053	1	ug/L	Z	03/15/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.022	U	0.022	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.022	U	0.022	0.053	1	ug/L	Z	03/15/07	SW846 3510C	8270C-SIM
Chrysene	0.021	U	0.021	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.021	U	0.021	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Fluoranthene	0.024	J	0.017	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Fluorene	0.11		0.010	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.021	U	0.021	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM

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Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-1

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-005

PAH/PNA

Prep Date: 03/15/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.12		0.014	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Phenanthrene	0.052	J	0.013	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Pyrene	0.029	J	0.016	0.053	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Surrogate			LCL	UCL						
Nitrobenzene-d5	71		10	150	1	%		03/15/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	82		20	111	1	%		03/15/07	SW846 3510C	8270C-SIM
Terphenyl-d14	97		44	115	1	%		03/15/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1221	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1232	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1242	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1248	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1254	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1260	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Total PCBs	0.12	U	0.12	0.50	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Surrogate			LCL	UCL						
Tetrachloro-m-xylene	81		42	122	1	%		03/14/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	81		10	128	1	%		03/14/07	SW846 3510C	SW846 8082

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Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : FBK-5

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-006

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	6.3	U	6.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Arsenic	0.13	U	0.13	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Barium	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Boron	210		1.2	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cadmium	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Calcium	13	U	13	500	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cobalt	0.026	U	0.026	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Copper	1.1	B	0.59	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Hardness	0.15	U	0.15	2.0	1	mg/L		03/22/07	SW846 3020A	6020/2340B
Iron	9.3	U	9.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lead	0.13	B	0.049	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lithium	0.66		0.016	0.053	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium	4.6	U	4.6	500	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Manganese	1.5		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Mercury - Low Level	0.163	U	0.163	0.163	1	ng/L		03/20/07	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Nickel	0.32	U	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Potassium	12	B	5.7	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	0.50	1	ug/L	A	03/23/07	SW846 3020A	SW846 6020
Sodium	2600		17	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Vanadium	0.32	B	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Zinc	6.4	B	0.98	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	4.4	B	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Chloride	4.0	B	1.1	5.0	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L	N	03/15/07	EPA 335.4	EPA 335.4
Fluoride	0.059	U	0.059	0.50	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.27	B	0.085	0.40	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Sulfate	1.5	B	0.51	4.0	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/14/07	EPA 376.1	EPA 376.1
Total Alkalinity	4.4	B	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : FBK-5

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-006

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L	*	03/14/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Methylene Chloride	1.7		0.43	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	102		64	132	1	%		03/14/07	SW846 5030B	SW846 8260B
Toluene-d8	110		73	127	1	%		03/14/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	108		68	122	1	%		03/14/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/15/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.016	U	0.016	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.016	U	0.016	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Anthracene	0.022	U	0.022	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.030	U	0.030	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.035	U	0.035	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.030	U	0.030	0.091	1	ug/L	Z	03/15/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.037	U	0.037	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.037	U	0.037	0.091	1	ug/L	Z	03/15/07	SW846 3510C	8270C-SIM
Chrysene	0.037	U	0.037	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.036	U	0.036	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Fluoranthene	0.030	U	0.030	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Fluorene	0.017	U	0.017	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.036	U	0.036	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM

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1241 Bellevue Street
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Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : FBK-5

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-006

PAH/PNA

Prep Date: 03/15/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.024	U	0.024	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Phenanthrene	0.022	U	0.022	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Pyrene	0.028	U	0.028	0.091	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	81		10	150	1	%		03/15/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	85		20	111	1	%		03/15/07	SW846 3510C	8270C-SIM
Terphenyl-d14	98		44	115	1	%		03/15/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1221	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1232	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1242	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1248	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1254	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1260	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Total PCBs	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	83		42	122	1	%		03/14/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	71		10	128	1	%		03/14/07	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-103

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-007

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	89		6.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Arsenic	13		0.13	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	14		0.13	1.0	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Barium	64		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Barium - Dissolved	64		0.12	1.0	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Beryllium	0.11	B	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Boron	45		1.2	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Boron - Dissolved	43		2.4	20	2	ug/L		03/23/07	SW846 3020A	SW846 6020
Cadmium	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Calcium	42000		130	5000	10	ug/L		03/22/07	SW846 3020A	SW846 6020
Calcium - Dissolved	43000		13	500	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Chromium	0.74	B	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.50	B	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cobalt	0.39	B	0.026	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.22	B	0.026	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Copper	0.66	B	0.59	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Hardness	170		1.5	20	10	mg/L		03/22/07	SW846 3020A	6020/2340B
Hardness - Dissolved	170		0.15	2.0	1	mg/L	1	03/22/07	SW846 3020A	6020/2340B
Iron	45000		93	500	10	ug/L		03/22/07	SW846 3020A	SW846 6020
Iron - Dissolved	44000		9.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lead	0.21	B	0.049	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lithium	1.1		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Lithium - Dissolved	1.2		0.25	0.50	1	ug/L		03/19/07	EPA 3020	EPA 6020
Magnesium	15000		46	5000	10	ug/L		03/22/07	SW846 3020A	SW846 6020
Magnesium - Dissolved	15000		4.6	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Manganese	3700		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Manganese - Dissolved	3700		0.12	1.0	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Mercury - Low Level	0.606		0.163	0.500	1	ng/L	V	03/20/07	EPA 1631E	EPA 1631E
Molybdenum	0.92	B	0.61	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Nickel	0.88	B	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.53	B	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Potassium	3100		5.7	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Potassium - Dissolved	3100		5.7	500	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Silver	0.068	U	0.068	1.0	2	ug/L	CA	03/23/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.068	U	0.068	1.0	2	ug/L	CA	03/23/07	SW846 3020A	SW846 6020

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-103

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-007

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Sodium	4800		17	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Sodium - Dissolved	5100		17	500	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Vanadium	2.8		0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	2.3		0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Zinc	3.3	B	0.98	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Zinc - Dissolved	6.1	B	0.98	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.406	B	0.163	0.500	1	ng/L		03/20/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	99		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Chloride	4.8	B	1.1	5.0	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/16/07	EPA 335.4	EPA 335.4
Fluoride	0.24	B	0.059	0.50	1	mg/L	N	03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	1.1		0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/13/07	EPA 300.0	EPA 300.0
Sulfate	120		5.1	40	10	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/14/07	EPA 376.1	EPA 376.1
Total Alkalinity	99		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L	*	03/14/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-103

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-007

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/14/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	103		64	132	1	%		03/14/07	SW846 5030B	SW846 8260B
Toluene-d8	110		73	127	1	%		03/14/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	110		68	122	1	%		03/14/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/15/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0083	U	0.0083	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.0083	U	0.0083	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.019	U	0.019	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.048	1	ug/L	Z	03/15/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.020	U	0.020	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.020	U	0.020	0.048	1	ug/L	Z	03/15/07	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Fluoranthene	0.016	U	0.016	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Fluorene	0.0092	U	0.0092	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Naphthalene	0.013	U	0.013	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Phenanthrene	0.012	U	0.012	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Pyrene	0.015	U	0.015	0.048	1	ug/L		03/15/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	80		10	150	1	%		03/15/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	87		20	111	1	%		03/15/07	SW846 3510C	8270C-SIM
Terphenyl-d14	101		44	115	1	%		03/15/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/14/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1221	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1232	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1242	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1248	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1254	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Aroclor 1260	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082
Total PCBs	0.12	U	0.12	0.48	1	ug/L		03/14/07	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881479

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-103

Matrix Type : WATER
Collection Date : 03/12/07
Report Date : 03/27/07
Lab Sample Number : 881479-007

PCB

Prep Date: 03/14/07

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Surrogate		**LCL**	**UCL**						
Tetrachloro-m-xylene	88	42	122	1	%		03/14/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	84	10	128	1	%		03/14/07	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

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Lab Number	TestGroupID	Field ID	Comment
		FBK-5	
		KMW-1	
		MW-102	
		MW-103	
		PW-4	
		TRIP BLANK	
		DUP-005	
881479	PCB-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
881479-	M-AG-D	All Samples	A - Analyte is detected in the method blank at a concentration of -0.09 ug/L.
881479-	M-CA-	All Samples	A - Analyte is detected in the method blank at a concentration of -24 ug/L.
881479-	M-CU-W	All Samples	A - Analyte is detected in the method blank at a concentration of 1.4 ug/L.
881479-	Metals	All Samples	C - Elevated detection limit due to matrix effect.
881479-	M-MG-	All Samples	A - Analyte is detected in the method blank at a concentration of 6.1 ug/L.
881479-	M-TL-	All Samples	A - Analyte is detected in the method blank at a concentration of -0.06 ug/L.
881479-	M-ZN-	All Samples	A - Analyte is detected in the method blank at a concentration of 3.1 ug/L.
881479-	PAH-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
881479-004	W-CL-W	MW-102	C - Elevated detection limit due to high Sulfate content.
881479-004	W-F-W	MW-102	C - Elevated detection limit due to high Sulfate content.
881479-004	W-NO2-W	MW-102	C - Elevated detection limit due to high Sulfate content.
881479-004	W-NO3-W	MW-102	C - Elevated detection limit due to high Sulfate content.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	881479-001	881479-002	881479-003	881479-004	881479-005	881479-006	881479-007
ALKALINITY, BICARB/CARB/TOTAL	B			B	B	B	B
ALUMINUM	B					B	B
ALUMINUM - DISSOLVED	B				B		B
ANTIMONY	B					B	B
ANTIMONY - DISSOLVED	B				B		B
ARSENIC	B					B	B
ARSENIC - DISSOLVED	B				B		B
BARIUM	B					B	B
BARIUM - DISSOLVED	B				B		B
BERYLLIUM	B					B	B
BERYLLIUM - DISSOLVED	B				B		B
BORON	B					B	B
BORON - DISSOLVED	B				B		B
CADMIUM	B					B	B
CADMIUM - DISSOLVED	B				B		B
CALCIUM	B					B	B
CALCIUM - DISSOLVED	B				B		B
CHLORIDE	B			B	B	B	B
CHROMIUM	B					B	B
CHROMIUM - DISSOLVED	B				B		B
COBALT	B					B	B
COBALT - DISSOLVED	B				B		B
COPPER	B					B	B
COPPER - DISSOLVED	B				B		B
CYANIDE, TOTAL	B			B	B	B	B
FLUORIDE	B			B	B	B	B
HARDNESS	B					B	B
HARDNESS - DISSOLVED	B				B		B
IRON	B					B	B
IRON - DISSOLVED	B				B		B
LEAD	B					B	B
LEAD - DISSOLVED	B				B		B
LITHIUM	M					M	M
LITHIUM - DISSOLVED	M				M		M
MAGNESIUM	B					B	B
MAGNESIUM - DISSOLVED	B				B		B
MANGANESE	B					B	B
MANGANESE - DISSOLVED	B				B		B
MERCURY - LOW LEVEL	K					K	K
MERCURY - LOW LEVEL - DISSOLVE	K				K		K

Test Group Name	881479-001	881479-002	881479-003	881479-004	881479-005	881479-006	881479-007
MOLYBDENUM	B					B	B
MOLYBDENUM - DISSOLVED	B				B		B
NICKEL	B					B	B
NICKEL - DISSOLVED	B				B		B
NITROGEN, AMMONIA	B			B	B	B	B
NITROGEN, NITRATE	B			B	B	B	B
NITROGEN, NITRITE	B			B	B	B	B
PAH/PNA	B		B		B	B	B
PCB	K		K		K	K	K
POTASSIUM	B					B	B
POTASSIUM - DISSOLVED	B				B		B
SELENIUM	B					B	B
SELENIUM - DISSOLVED	B				B		B
SILVER	B					B	B
SILVER - DISSOLVED	B				B		B
SODIUM	B					B	B
SODIUM - DISSOLVED	B				B		B
SULFATE	B			B	B	B	B
SULFIDE	B			B	B	B	B
THALLIUM	B					B	B
THALLIUM - DISSOLVED	B				B		B
VANADIUM	B					B	B
VANADIUM - DISSOLVED	B				B		B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G			G	G	G
ZINC	B					B	B
ZINC - DISSOLVED	B				B		B

Code	MI Certification
B	Not Certified
G	Not Certified
K	Not Certified
M	Not Certified

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch Number: 881479
Lab Section: METALS-K
QC Batch Number: 19036
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-078	MBMTK0966-078
MB	MBWMTK0966-078	MBWMTK0966-078
MB2	MB2WMTK0966-078	MB2WMTK0966-078
MB3	MB3WMTK0966-078	MB3WMTK0966-078
IPR	IPRWMTK0966-078	IPRWMTK0966-078
OPR	OPRWMTK0966-078	OPRWMTK0966-078
MS	881546-002MS	881546-002MS
MS	881423-006MS	881423-006MS
MS	DUP-005MS	881479-001MS
MSD	DUP-005MSD	881479-001MSD
MSD	881423-006MSD	881423-006MSD
MSD	881546-002MSD	881546-002MSD

Client Sample ID	Lab Sample ID
DUP-005	881479-001
DUP-005	881479-001
KMW-1	881479-005
FBK-5	881479-006
MW-103	881479-007
MW-103	881479-007

Client Sample ID	Lab Sample ID
DUP-005	881479-001
DUP-005	881479-001
KMW-1	881479-005
FBK-5	881479-006
MW-103	881479-007
MW-103	881479-007

Test Name	Method Blank Result Conc	Method Blank 2 Result Conc	Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Diss	< 0.163	< 0.163	0.46	5	4.9	97.6	4.6	91.5	79	121	881423-006	1.2	5.0	5.6	88.3		5.0	5.7	89.9		1.4		75	125	24
Mercury - Low Level			0.4569		4.878		4.576				881479-001	20.5	20.0	36.9	82.0		20.0	36.1	78.1		2.1		75	125	24
Mercury - Low Level - Diss			0.46		4.9		4.6				881546-002	1.0	5.0	5.1	80.4		5.0	5.2	83.4		3.0		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 3/27/2007
QC Batch Number: 19036

Sample Condition Upon Receipt

Pace Analytical

Client Name: North Jackson Project # 881479

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☒ Other Poly

Thermometer Used JB Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 1.0°C 3.5°C 1.0°C Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 3-13-07 GP

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	☐Yes	☐No	☐N/A
Chain of Custody Filled Out:	☐Yes	☒No	☐N/A
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A
Short Hold Time Analysis (<72hr):	☒Yes	☐No	☐N/A
Rush Turn Around Time Requested:	☐Yes	☐No	☒N/A
Sufficient Volume:	☐Yes	☒No	☐N/A
Correct Containers Used:	☒Yes	☐No	☐N/A
-Pace Containers Used:	☒Yes	☐No	☐N/A
Containers Intact:	☐Yes	☒No	☐N/A
Filtered volume received for Dissolved tests	☒Yes	☐No	☐N/A
Sample Labels match COC:	☒Yes	☐No	☐N/A
-Includes date/time/ID/Analysis Matrix: GW DI			
All containers needing preservation have been checked.	☐Yes	☐No	☐N/A
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No	☐N/A
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No	
Samples checked for dechlorination:	☐Yes	☐No	☒N/A
Headspace in VOA Vials (>6mm):	☐Yes	☒No	☐N/A
Trip Blank Present:	☒Yes	☐No	☐N/A
Trip Blank Custody Seals Present	☒Yes	☐No	☐N/A
Pace Trip Blank Lot # (if purchased):			

1.
2.
3.
4.
5.
6. NO_3
7.
8. #006 500ml No pres, L.D Cracked - NO Sample
9. 3/13/07 GP
10. See below 3-13-07 GP
11.
12.
13.

Initial when completed GP Lot # of added preservative

14.
15.
16.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Amber Liters were laying down in coolers. #001 has a 1 Amber w/a cracked lid - lab replaced it. #003 1L Amber had a loose lid upon arrival at lab, and is now 2/3 full. the other liter is also 2/3 full. #006 one liter amber had a loose lid as well as the 500ml unpreserved which has lost it's sample. 3/13/07 GP

Per Tod N - a 500ml poly unpreserved was split off a 1 liter amber. 3/13/07 GP

Project Manager Review: NM for TN **Date:** 3/28/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (I.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Company Name:	North Jackson
Branch/Location:	Mag MI
Project Contact:	J Resy FVD
Phone:	
Project Number:	
Project Name:	Humboldt Mill
Project State:	MT.
Sampled By (Print):	P Sabec K Sjed R. Eagle
Sampled By (Sign):	P Sabec
PO #:	Regulatory Program:

Pace Analytical®
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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 2

VCJ

COC No. 017871

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, SI = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A	See FVD Parameter List			
					Y	A				
					N	B				
					N	C				
					Y	D				
					N	G				
					N	J				
					N	D				
001	DUP-005	3-12/07	—	GW			5	3-40mlB 2-250mlD 1-250mlC 1-250ml znac 1-250mlG Long List	3 L Amber A 2-500ml glass 1-500ml D 2-40mlB	
002	Trip Blank			DI			2		Partial Set 2 L Amber A 1-500ml A 3-250ml C, ZNAc, 6	
003	PW-4		1530	GW			2	Long List		
004	MW-102		1500	GW			1	Long List		
005	KMW-1		1125	GW			5	4-250ml C, D, ZNAc 3-40ml B Long List	3 L Amber A 1-500ml glass 1-500ml A 3-40ml B	
006	FBK-5		1400	DI			5	4-250ml C, D, ZNAc 3-40ml B Long List	3 L Amber A 1-500ml glass 1-500ml D	
007	MW-103		1525				5	1-500ml A 3-40ml B Long List	3 L Amber A 2-500ml glass 2-250ml D 1-250ml C, ZNA	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time: 3/12/07 1800	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time: 3/13/07 0915
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No. 881479

Receipt Temp = 1.0 / 3.5 / 1.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present

Intact / Not Intact

Version 6.0 06/14/06

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881479
Lab Section: VOA
QC Batch Number: 18798
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2131-92MB	vog2131-92MB
LCS	vog2131-92LCS	vog2131-92LCS
LCSD	vog2131-92LCSD	vog2131-92LCSD
MS	881472-006MS	881472-006MS
MSD	881472-006MSD	881472-006MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-005	881479-001	MB
KMW-1	881479-005	MB
MW-103	881479-007	MB

Client Sample ID	Lab Sample ID	MB ID
TRIP BLANK	881479-002	MB
FBK-5	881479-006	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
1,1,1-Trichloroethane	< 0.9	50.0	52.2	104		50.0	50.9	102		2.5		75	128	20	881472-006	< 0.9	50.0	52.9	106		50.0	52	104		1.6		70	130	30
1,1,2,2-Tetrachloroethane	< 0.2	50.0	47.3	95		50.0	47.9	96		1.3		67	125	20	881472-006	< 0.2	50.0	49.1	98		50.0	47.7	95		2.9		70	130	30
1,1,2-Trichloroethane	< 0.42	50.0	49	98		50.0	48.8	98		0.4		75	125	20	881472-006	< 0.42	50.0	50.7	101		50.0	49.4	99		2.6		70	130	30
1,1-Dichloroethane	< 0.75	50.0	50.4	101		50.0	50.5	101		0.3		71	130	20	881472-006	< 0.75	50.0	52.5	105		50.0	50.4	101		4.1		70	130	30
1,1-Dichloroethene	< 0.57	50.0	54.4	109		50.0	53.9	108		0.9		75	125	20	881472-006	< 0.57	50.0	56.9	114		50.0	54.5	109		4.3		70	135	30
1,2-Dichloroethane	< 0.36	50.0	48.9	98		50.0	47	94		3.9		71	132	20	881472-006	< 0.36	50.0	48.7	97		50.0	48.9	98		0.3		70	130	30
1,2-Dichloroethene, Total	< 1.4	100.0	108.1	108		100.0	102.3	102		5.5		75	125	20	881472-006	0.000	100.0	106.9	107		100.0	105.4	105		1.4		70	130	30
1,2-Dichloropropane	< 0.46	50.0	47.4	95		50.0	46.2	92		2.5		73	125	20	881472-006	< 0.46	50.0	48	96		50.0	46.8	94		2.5		70	130	30
2-Butanone	< 4.3	50.0	51.2	102		50.0	46.6	93		9.4		59	130	20	881472-006	0.00	50.0	44	88		50.0	45.1	90		2.5		51	130	30
2-Hexanone	< 1.1	50.0	46.9	94		50.0	42	84		10.9		51	125	20	881472-006	0.00	50.0	44.2	88		50.0	42.8	86		3.4		53	130	30
4-Methyl-2-pentanone	< 1.2	50.0	42.6	85		50.0	41.3	83		3.2		59	125	20	881472-006	0.00	50.0	43.7	87		50.0	42.9	86		1.8		62	130	30
Acetone	< 2.3	50.0	59	118		50.0	45.3	91		26.2	*	31	150	20	881472-006	0.00	50.0	49.2	98		50.0	46.2	92		6.5		42	132	30
Benzene	< 0.41	50.0	50.7	101		50.0	49.3	99		2.9		75	125	20	881472-006	< 0.41	50.0	51.1	102		50.0	50.6	101		1.0		70	130	30
Bromodichloromethane	< 0.56	50.0	50.9	102		50.0	49.8	100		2.3		75	125	20	881472-006	< 0.56	50.0	50.4	101		50.0	49.6	99		1.7		70	130	30
Bromoform	< 0.94	50.0	47	94		50.0	46	92		2.1		75	125	20	881472-006	< 0.94	50.0	47	94		50.0	46.8	94		0.4		70	130	30
Bromomethane	< 0.91	50.0	48.5	97		50.0	47.5	95		2.3		66	125	20	881472-006	< 0.91	50.0	53.4	107		50.0	52.1	104		2.6		63	147	30
Carbon Disulfide	< 0.66	50.0	55.1	110		50.0	53.3	107		3.3		71	128	20	881472-006	0.00	50.0	56.4	113		50.0	54.5	109		3.3		56	142	30
Carbon Tetrachloride	< 0.49	50.0	53.2	106		50.0	51.9	104		2.3		75	125	20	881472-006	< 0.49	50.0	54.3	109		50.0	53.5	107		1.5		70	131	30
Chlorobenzene	< 0.41	50.0	51.7	103		50.0	51	102		1.3		75	125	20	881472-006	< 0.41	50.0	51.6	103		50.0	51.2	102		0.9		70	130	30
Chlorodibromomethane	< 0.81	50.0	52.4	105		50.0	51	102		2.8		75	125	20	881472-006	< 0.81	50.0	51.1	102		50.0	50	100		2.2		70	130	30
Chloroethane	< 0.97	50.0	54.2	108		50.0	54.5	109		0.6		72	126	20	881472-006	< 0.97	50.0	55.3	111		50.0	54.6	109		1.3		67	138	30
Chloroform	< 0.37	50.0	51.5	103		50.0	49.2	98		4.7		75	125	20	881472-006	< 0.37	50.0	51.7	103		50.0	52.2	104		1.0		70	130	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18798

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloromethane	<	0.24	50.0	47.3	95		50.0	46.5	93		1.6		46	143	20	881472-006	<	0.24	50.0	47.4	95		50.0	48	96		1.3		43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	48.2	96		50.0	45.4	91		6.0		75	125	20	881472-006	<	0.19	50.0	47.2	94		50.0	46.6	93		1.4		70	130	30
Ethylbenzene	<	0.54	50.0	52.8	106		50.0	52.3	105		1.1		75	125	20	881472-006	<	0.54	50.0	52.8	106		50.0	51.5	103		2.5		70	136	30
Methylene Chloride	<	0.43	50.0	51.5	103		50.0	50.8	102		1.4		75	125	20	881472-006	<	0.43	50.0	53.1	106		50.0	51.8	104		2.6		70	130	30
Styrene	<	0.86	50.0	54.1	108		50.0	53.7	107		0.6		75	125	20	881472-006	<	0.86	50.0	53.8	108		50.0	42.3	85		24.0		70	130	30
Tetrachloroethene	<	0.45	50.0	50.3	101		50.0	55	110		8.8		75	130	20	881472-006	<	0.45	50.0	50.8	102		50.0	50.3	101		0.9		70	130	30
Toluene	<	0.67	50.0	52.4	105		50.0	51.4	103		1.9		75	125	20	881472-006	<	0.67	50.0	53.5	107		50.0	52	104		2.9		70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	50.4	101		50.0	50.1	100		0.7		75	125	20	881472-006	<	0.19	50.0	51.1	102		50.0	49.9	100		2.3		70	130	30
Trichloroethene	<	0.48	50.0	50.5	101		50.0	48.8	98		3.5		75	125	20	881472-006	<	0.48	50.0	50.2	100		50.0	50.4	101		0.4		70	130	30
Vinyl Chloride	<	0.18	50.0	54.6	109		50.0	53.3	107		2.3		65	130	20	881472-006	<	0.18	50.0	55.2	110		50.0	54.4	109		1.5		62	138	30
Xylene, Total	<	2.6	150.0	160.4	107		150.0	158.3	106		1.4		75	125	20	881472-006		0.000	150.0	161.3	108		150.0	152.5	102		5.6		70	130	30
4-Bromofluorobenzene		107%	---	---	106		---	---	106		---		64	132	---	881472-006		103%	---	---	106		---	---	105		---		64	132	---
Toluene-d8		113%	---	---	111		---	---	112		---		73	127	---	881472-006		110%	---	---	112		---	---	112		---		73	127	---
Dibromofluoromethane		106%	---	---	108		---	---	106		---		68	122	---	881472-006		104%	---	---	110		---	---	108		---		68	122	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18798

Pace Analytical Services, Inc.

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Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881479
Lab Section: WETCHEM
QC Batch Number: 18801
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2138-033MB	WCG2138-033MB
LCS	WCG2138-033MBLCS	WCG2138-033MBLCS
MS	MW-103MS	881479-007MS
MS	DUP-005MS	881479-001MS
MSD	MW-103MSD	881479-007MSD
MSD	DUP-005MSD	881479-001MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-005	881479-001	MB
KMW-1	881479-005	MB
MW-103	881479-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-102	881479-004	MB
FBK-5	881479-006	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result		MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Chloride	<	1.1	20.0	19.9	99.7		---	---	---		---		90	110	20	881479-001		4.31	20.0	23.3	94.8		20.0	23.3	94.8		0.1		90	110	20
Fluoride	<	0.059	2.0	2.1	104.5		---	---	---		---		90	110	20	881479-001		0.21	2.0	2.3	102.5		2.0	2.5	115.5	N	10.9		90	110	20
Nitrogen, Nitrate	<	0.085	0	---	---		---	---	---		---		---	---	---	881479-001	<	0.085	---	---	---		---	---	---		---		---	---	---
Nitrogen, Nitrite	<	0.036	0.80	0.86	107.5		---	---	---		---		90	110	20	881479-001	<	0.036	0.80	0.84	105.0		0.80	0.83	103.8		1.2		90	110	20
Sulfate	<	0.51	16.0	16.3	102.1		---	---	---		---		90	110	20	881479-001		2.21	16.0	17.6	95.9		16.0	19.7	109.4		11.5		90	110	20
Chloride	<	1.1	20.0	19.9	99.7		---	---	---		---		90	110	20	881479-007		4.80	20.0	23	90.9		20.0	23	90.9		0.0		90	110	20
Fluoride	<	0.059	2.0	2.1	104.5		---	---	---		---		90	110	20	881479-007		0.24	2.0	2.7	123.5	N	2.0	2.7	122.0	N	1.1		90	110	20
Nitrogen, Nitrate	<	0.085	0	---	---		---	---	---		---		---	---	---	881479-007	<	0.085	---	---	---		---	---	---		---		---	---	---
Nitrogen, Nitrite	<	0.036	0.80	0.86	107.5		---	---	---		---		90	110	20	881479-007	<	0.036	0.80	0.78	97.5		0.80	0.77	96.2		1.3		90	110	20
Sulfate	<	0.51	16.00	16.3	102.1		---	---	---		---		90	110	20	881479-007		123.2	160.0	289.8	104.1		160.0	289.3	103.8		0.2		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18801

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881479
Lab Section: WETCHEM
QC Batch Number: 18822
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-092MB	WCG1919-092MB
LCS	WCG1919-092MBLCS	WCG1919-092MBLCS
MS	881477-004MS	881477-004MS
MSD	881477-004MSD	881477-004MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-005	881479-001	MB
KMW-1	881479-005	MB
MW-103	881479-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-102	881479-004	MB
FBK-5	881479-006	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Sulfide	< 2.5	44.4	45.6	102.7		---	---	---		---		80	120	20	881477-004	< 2.5	44.4	38.4	86.5		44.4	39.2	88.3		2.1		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18822

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881479
Lab Section: WETCHEM
QC Batch Number: 18841
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-035MB	WCG2151-035MB
LCS	WCG2151-035MBLCS	WCG2151-035MBLCS
MS	FBK-5MS	881479-006MS
MS	881436-009MS	881436-009MS
MSD	FBK-5MSD	881479-006MSD
MSD	881436-009MSD	881436-009MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-005	881479-001	MB
KMW-1	881479-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-102	881479-004	MB
FBK-5	881479-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.1	104.6		---	---	---		---		90	110	20	881436-009	<	0.0094	0.10	0.12	121.0	N	0.10	0.12	121.8	N	0.7		90	110	20
Cyanide, Total	<	0.0094	0.10	0.1	104.6		---	---	---		---		90	110	20	881479-006	<	0.0094	0.10	0.11	111.3	N	0.10	0.11	112.7	N	1.2		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 18841

Pace Analytical Services, Inc.

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Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881479
Lab Section: WETCHEM
QC Batch Number: 18860
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-093MB	WCG1919-093MB
LCS	WCG1919-093MBLCS	WCG1919-093MBLCS
MS	DUP-005MS	881479-001MS
MSD	DUP-005MSD	881479-001MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-005	881479-001	MB
KMW-1	881479-005	MB
MW-103	881479-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-102	881479-004	MB
FBK-5	881479-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	<	1.7	77.40	81.4	105.2		---	---	---		---		80	120	20	881479-001		145.2	100.0	250.1	104.9		100.0	250.1	104.9		0.0		80	120	20
Carbonate Alkalinity	<	1.7	0	---	---		---	---	---		---		---	---	---	881479-001	<	1.7	---	---	---		---	---	---		---		---	---	---
Total Alkalinity	<	1.7	77.40	81.4	105.2		---	---	---		---		80	120	20	881479-001		145.2	100.0	250.1	104.9		100.0	250.1	104.9		0.0		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18860

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881479
Lab Section: WETCHEM
QC Batch Number: 18879
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-039MB	WCG2151-039MB
LCS	WCG2151-039MBLCS	WCG2151-039MBLCS
MS	881557-007MS	881557-007MS
MS	881546-004MS	881546-004MS
MSD	881557-007MSD	881557-007MSD
MSD	881546-004MSD	881546-004MSD

Client Sample ID	Lab Sample ID	MB ID
MW-103	881479-007	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.1	101.6		---	---	---		---		90	110	20	881546-004	<	0.0094	0.10	0.1	104.1		0.10	0.11	107.9		3.5		90	110	20
Cyanide, Total	<	0.0094	0.10	0.1	101.6		---	---	---		---		90	110	20	881557-007	<	0.0094	0.10	0.12	116.2	N	0.10	0.11	112.4	N	3.3		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18879

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 881479
Lab Section: WETCHEM
QC Batch Number: 18954
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-041MB	WCG2151-041MB
LCS	WCG2151-041MBLCS	WCG2151-041MBLCS
MS	881559-001MS	881559-001MS
MS	881423-002MS	881423-002MS
MSD	881559-001MSD	881559-001MSD
MSD	881423-002MSD	881423-002MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-005	881479-001	MB
KMW-1	881479-005	MB
MW-103	881479-007	MB

Client Sample ID	Lab Sample ID	MB ID
MW-102	881479-004	MB
FBK-5	881479-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL	%	UCL	%	RPD	%	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL	%	UCL	%	RPD	%
Nitrogen, Ammonia	<	0.2	10.0	10.4	103.5		---	---	---		---			90		110		20		881423-002		0.857	10.0	11.1	102.5		10.0	11	101.5		0.9			90		110		20	
Nitrogen, Ammonia	<	0.2	10.0	10.4	103.5		---	---	---		---			90		110		20		881559-001		28.6	10.0	40.4	118.5	N	10.0	39.7	111.1	N	1.8			90		110		20	

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18954

Pace Analytical Services, Inc.

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Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881479
Lab Section: BNASIM
QC Batch Number: 18881
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog2114-21MB	svog2114-21MB
LCS	svog2114-21LCS	svog2114-21LCS
LCSD	svog2114-21LCSD	svog2114-21LCSD

Client Sample ID	Lab Sample ID	MB ID
DUP-005	881479-001	MB
KMW-1	881479-005	MB
MW-103	881479-007	MB

Client Sample ID	Lab Sample ID	MB ID
PW-4	881479-003	MB
FBK-5	881479-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.16	81		0.20	0.17	83		3.0			40	126	23	---	---	---	---	---		---	---	---		---			---	---	---
Acenaphthylene	<	0.0086	0.20	0.15	77		0.20	0.16	80		3.5			39	127	24	---	---	---	---	---		---	---	---		---			---	---	---
Anthracene	<	0.012	0.20	0.18	90		0.20	0.19	94		4.3			39	139	27	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(a)anthracene	<	0.017	0.20	0.19	95		0.20	0.18	90		5.2			48	146	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(a)pyrene	<	0.019	0.20	0.19	97		0.20	0.18	90		6.7			61	136	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.21	103		0.20	0.19	96		7.0			51	141	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(ghi)perylene	<	0.02	0.20	0.19	95		0.20	0.17	86		10.2			57	136	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.21	107		0.20	0.2	101		5.9			61	149	20	---	---	---	---	---		---	---	---		---			---	---	---
Chrysene	<	0.02	0.20	0.19	96		0.20	0.19	94		1.9			61	150	20	---	---	---	---	---		---	---	---		---			---	---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.18	88		0.20	0.16	78		11.3			46	150	20	---	---	---	---	---		---	---	---		---			---	---	---
Fluoranthene	<	0.016	0.20	0.2	101		0.20	0.2	100		1.0			48	145	20	---	---	---	---	---		---	---	---		---			---	---	---
Fluorene	<	0.0096	0.20	0.16	82		0.20	0.17	85		3.1			40	131	25	---	---	---	---	---		---	---	---		---			---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.18	92		0.20	0.17	83		11.1			54	143	20	---	---	---	---	---		---	---	---		---			---	---	---
Naphthalene	<	0.013	0.20	0.19	97		0.20	0.17	87		11.2			45	131	30	---	---	---	---	---		---	---	---		---			---	---	---
Phenanthrene	<	0.012	0.20	0.18	91		0.20	0.19	95		3.5			40	131	25	---	---	---	---	---		---	---	---		---			---	---	---
Pyrene	<	0.015	0.20	0.18	92		0.20	0.19	93		0.5			55	135	20	---	---	---	---	---		---	---	---		---			---	---	---
Nitrobenzene-d5		66%	---	---	77		---	---	85		---			10	150	---	---	---	---	---	---		---	---	---		---			---	---	---
2-Fluorobiphenyl		67%	---	---	87		---	---	86		---			20	111	---	---	---	---	---	---		---	---	---		---			---	---	---
Terphenyl-d14		87%	---	---	98		---	---	95		---			44	115	---	---	---	---	---	---		---	---	---		---			---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 18881

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881479
Lab Section: METALS
QC Batch Number: 18868
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2102-40	MBWMTG2102-40
MB	MBDMTG2102-40	MBDMTG2102-40
LCS	LCSWMTG2102-40	LCSWMTG2102-40
LCS	LCSDMTG2102-40	LCSDMTG2102-40
MS	MW-103MS	881479-007MS
MS	DUP-005MS	881479-001MS
MSD	MW-103MSD	881479-007MSD
MSD	DUP-005MSD	881479-001MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-005	881479-001	MB
FBK-5	881479-005	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-1	881479-005	MB
MW-103	881479-007	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum - Dissolved	<	6.3	10000	9562	95.6		---	---	---		---			75	125	20	881479-001		63.440	10000	9308	92.4		10000	9549	94.9		2.6			75	125	20
Antimony - Dissolved	<	0.24	200.0	206.8	103.4		---	---	---		---			75	125	20	881479-001	<	0.24	200.0	200.7	100.3		200.0	201.8	100.9		0.5			75	125	20
Arsenic - Dissolved	<	0.13	200.0	197.1	98.6		---	---	---		---			75	125	20	881479-001		8.770	200.0	199.6	95.4		200.0	202.1	96.7		1.2			75	125	20
Barium - Dissolved	<	0.12	200.0	191.4	95.7		---	---	---		---			75	125	20	881479-001		81.08	200.0	267.7	93.3		200.0	271	95.0		1.2			75	125	20
Beryllium - Dissolved	<	0.1	200.0	204.5	102.2		---	---	---		---			75	125	20	881479-001	<	0.1	200.0	178.6	89.3		200.0	179.9	89.9		0.7			75	125	20
Boron - Dissolved	<	1.2	200.0	193.1	96.6		---	---	---		---			75	125	20	881479-001		70.93	200.0	241.2	85.1		200.0	245.1	87.1		1.6			75	125	20
Cadmium - Dissolved	<	0.12	200.0	195.1	97.6		---	---	---		---			75	125	20	881479-001	<	0.12	200.0	189.4	94.7		200.0	190.5	95.2		0.6			75	125	20
Calcium - Dissolved	<	13	10000.0	9757	97.6		---	---	---		---			75	125	20	881479-001		29030.0	10000.0	38150	91.2		10000.0	39230	102.0		2.8			75	125	20
Chromium - Dissolved	<	0.32	200.0	191.4	95.7		---	---	---		---			75	125	20	881479-001		2.010	200.0	179.3	88.6		200.0	186.1	92.0		3.7			75	125	20
Cobalt - Dissolved	<	0.026	200.0	186.7	93.3		---	---	---		---			75	125	20	881479-001		3.210	200.0	178.4	87.6		200.0	181.3	89.0		1.6			75	125	20
Copper - Dissolved	J	1.4	200.0	186.2	93.1		---	---	---		---			75	125	20	881479-001	<	0.59	200.0	176.2	88.1		200.0	176.7	88.3		0.3			75	125	20
Iron - Dissolved	<	9.3	10000.0	9510	95.1		---	---	---		---			75	125	20	881479-001		20530.0	10000.0	29130	86.0		10000.0	30080	95.5		3.2			75	125	20
Lead - Dissolved	<	0.049	200.0	195.5	97.8		---	---	---		---			75	125	20	881479-001	<	0.049	200.0	193.1	96.6		200.0	194.3	97.2		0.6			75	125	20
Magnesium - Dissolved	J	6.1	10000.0	9700	97.0		---	---	---		---			75	125	20	881479-001		11980.0	10000.0	20760	87.8		10000.0	21790	98.1		4.8			75	125	20
Manganese - Dissolved	<	0.12	200.00	194	97.0		---	---	---		---			75	125	20	881479-001		4029.0	200.00	4105	38.0	+	200.00	4273	122.0	+	4.0			75	125	20
Molybdenum - Dissolved	<	0.61	200.0	187.3	93.7		---	---	---		---			75	125	20	881479-001		0.6200	200.0	178.7	89.0		200.0	178.4	88.9		0.2			75	125	20
Nickel - Dissolved	<	0.32	200.0	185.6	92.8		---	---	---		---			75	125	20	881479-001		0.7200	200.0	173.9	86.6		200.0	175.1	87.2		0.7			75	125	20
Potassium - Dissolved	<	5.7	10000.0	9475	94.8		---	---	---		---			75	125	20	881479-001		2608.00	10000.0	11650	90.4		10000.0	12040	94.3		3.3			75	125	20
Selenium - Dissolved	<	0.67	200.0	198.3	99.2		---	---	---		---			75	125	20	881479-001	<	0.67	200.0	190.7	95.3		200.0	193.5	96.8		1.5			75	125	20
Silver - Dissolved	<	0.034	100	97.9	97.9		---	---	---		---			75	125	20	881479-001	<	0.068	100	88.1	88.1		100	85	85.0		3.6			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18868

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sodium - Dissolved	<	17	10000.0	9703	97.0		---	---	---		---		75	125	20	881479-001		3504.00	10000.0	12610	91.1		10000.0	13090	95.9		3.7		75	125	20
Thallium - Dissolved	<	0.053	200.0	189.5	94.8		---	---	---		---		75	125	20	881479-001	<	0.053	200.0	188.6	94.3		200.0	190.1	95.1		0.8		75	125	20
Vanadium - Dissolved	<	0.1	200.0	191.3	95.7		---	---	---		---		75	125	20	881479-001		5.140	200.0	188.9	91.9		200.0	193.1	94.0		2.2		75	125	20
Zinc - Dissolved	J	3.1	200.0	191.3	95.7		---	---	---		---		75	125	20	881479-001		5.260	200.0	182.6	88.7		200.0	186	90.4		1.8		75	125	20
Aluminum	<	6.3	10000	9562	95.6		---	---	---		---		75	125	20	881479-007		89.480	10000	9168	90.8		10000	9557	94.7		4.2		75	125	20
Antimony	<	0.24	200.0	206.8	103.4		---	---	---		---		75	125	20	881479-007	<	0.24	200.0	201.1	100.6		200.0	205.5	102.8		2.2		75	125	20
Arsenic	<	0.13	200.0	197.1	98.6		---	---	---		---		75	125	20	881479-007		13.29	200.0	205.2	95.0		200.0	207.2	97.0		1.0		75	125	20
Barium	<	0.12	200.0	191.4	95.7		---	---	---		---		75	125	20	881479-007		63.84	200.0	252.7	94.4		200.0	258	97.1		2.1		75	125	20
Beryllium	<	0.1	200.0	204.5	102.2		---	---	---		---		75	125	20	881479-007		0.1100	200.0	176.3	88.1		200.0	181	90.4		2.6		75	125	20
Boron	<	1.2	200.0	193.1	96.6		---	---	---		---		75	125	20	881479-007		45.06	200.0	212.6	83.8		200.0	219.5	87.2		3.2		75	125	20
Cadmium	<	0.12	200.0	195.1	97.6		---	---	---		---		75	125	20	881479-007	<	0.12	200.0	186.9	93.4		200.0	192.3	96.2		2.8		75	125	20
Calcium	<	13	10000.0	9757	97.6		---	---	---		---		75	125	20	881479-007		42320.0	10000.0	50560	82.4	+	10000.0	51130	88.1	+	1.1		75	125	20
Chromium	<	0.32	200.0	191.4	95.7		---	---	---		---		75	125	20	881479-007		0.7400	200.0	181.6	90.4		200.0	190.5	94.9		4.8		75	125	20
Cobalt	<	0.026	200.0	186.7	93.3		---	---	---		---		75	125	20	881479-007		0.3900	200.0	175.3	87.5		200.0	182.9	91.3		4.2		75	125	20
Copper	J	1.4	200.0	186.2	93.1		---	---	---		---		75	125	20	881479-007		0.6600	200.0	174.6	87.0		200.0	182	90.7		4.2		75	125	20
Iron	<	9.3	10000.0	9510	95.1		---	---	---		---		75	125	20	881479-007		45060.0	10000.0	50910	58.5	+	10000.0	53100	80.4	+	4.2		75	125	20
Lead	<	0.049	200.0	195.5	97.8		---	---	---		---		75	125	20	881479-007		0.2100	200.0	193.1	96.4		200.0	195.4	97.6		1.2		75	125	20
Magnesium	J	6.1	10000.0	9700	97.0		---	---	---		---		75	125	20	881479-007		15310.0	10000.0	23880	85.7		10000.0	24560	92.5		2.8		75	125	20
Manganese	<	0.12	200.00	194	97.0		---	---	---		---		75	125	20	881479-007		3652.0	200.00	3706	27.0	+	200.00	3908	128.0	+	5.3		75	125	20
Molybdenum	<	0.61	200.0	187.3	93.7		---	---	---		---		75	125	20	881479-007		0.9200	200.0	181.6	90.3		200.0	186.5	92.8		2.7		75	125	20
Nickel	<	0.32	200.0	185.6	92.8		---	---	---		---		75	125	20	881479-007		0.8800	200.0	172.5	85.8		200.0	181.3	90.2		5.0		75	125	20
Potassium	<	5.7	10000.0	9475	94.8		---	---	---		---		75	125	20	881479-007		3069.00	10000.0	12220	91.5		10000.0	12800	97.3		4.6		75	125	20
Selenium	<	0.67	200.0	198.3	99.2		---	---	---		---		75	125	20	881479-007	<	0.67	200.0	190.6	95.3		200.0	191	95.5		0.2		75	125	20
Silver	<	0.034	100	97.9	97.9		---	---	---		---		75	125	20	881479-007	<	0.068	100	93.3	93.3		100	86.9	86.9		7.1		75	125	20
Sodium	<	17	10000.0	9703	97.0		---	---	---		---		75	125	20	881479-007		4830.00	10000.0	14060	92.3		10000.0	14750	99.2		4.8		75	125	20
Thallium	<	0.053	200.0	189.5	94.8		---	---	---		---		75	125	20	881479-007	<	0.053	200.0	189.8	94.9		200.0	190.8	95.4		0.5		75	125	20
Vanadium	<	0.1	200.0	191.3	95.7		---	---	---		---		75	125	20	881479-007		2.840	200.0	185.3	91.2		200.0	196.1	96.6		5.7		75	125	20
Zinc	J	3.1	200.0	191.3	95.7		---	---	---		---		75	125	20	881479-007		3.340	200.0	181.9	89.3		200.0	182	89.3		0.1		75	125	20

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

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Report Date: 9/4/2007

QC Batch Number: 18868

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881479
Lab Section: METALS-K
QC Batch Number: 19036
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-078	MBWMTK0966-078
MB	MBMTK0966-078	MBMTK0966-078
IPR	IPRWMTK0966-078	IPRWMTK0966-078
OPR	OPRWMTK0966-078	OPRWMTK0966-078
MS	881546-002MS	881546-002MS
MS	DUP-005MS	881479-001MS
MS	881423-006MS	881423-006MS
MSD	881546-002MSD	881546-002MSD
MSD	DUP-005MSD	881479-001MSD
MSD	881423-006MSD	881423-006MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-005	881479-001	MB
FBK-5	881479-006	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-1	881479-005	MB
MW-103	881479-007	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Dissol	<	0.163	0	---	---		---	---	---		---		---	---	---	881423-006	1.2	5.0	5.6	88.3		5.0	5.7	89.9		1.4		75	125	24
Mercury - Low Level	<	0.163	0	---	---		---	---	---		---		---	---	---	881479-001	20.5	20.0	36.9	82.0		20.0	36.1	78.1		2.1		75	125	24
Mercury - Low Level - Dissol	<	0.163	0	---	---		---	---	---		---		---	---	---	881546-002	1.0	5.0	5.1	80.4		5.0	5.2	83.4		3.0		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 19036

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881479
Lab Section: PCB-K
QC Batch Number: 18816
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-054PCBMB	SVG2057-054PCBMB
LCS	SVG2057-054PCBLCS	SVG2057-054PCBLCS
LCSD	SVG2057-054PCBLCSD	SVG2057-054PCBLCSD

Client Sample ID	Lab Sample ID	MB ID
DUP-005	881479-001	MB
KMW-1	881479-005	MB
MW-103	881479-007	MB
PW-4	881479-003	MB
FBK-5	881479-006	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1221	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1232	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1242	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1248	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1254	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1260	<	0.12	5.0	4.1	82		5.0	3.9	79		4.1		47	138	20	---	---	---	---	---		---	---	---		---		---	---	---
Total PCBs	<	0.12	---	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Tetrachloro-m-xylene		85%	---	---	88		---	---	82		---		42	122	---	---	---	---	---	---		---	---	---		---		---	---	---
Decachlorobiphenyl		80%	---	---	82		---	---	80		---		10	128	---	---	---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18816

Batch No. 881546

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

March 28, 2007

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 881546 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

ale for Tod N.

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 881546

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Contact: Tod Noltemeyer

Lab Sample Number	Field ID	Matrix	Collection Date
881546-001	TRIP BLANK	WATER	03/13/07
881546-002	DUP-006	WATER	03/13/07
881546-003	FBK-007	WATER	03/13/07 10:30
881546-004	MW-11	WATER	03/13/07 10:25
881546-005	MW-12	WATER	03/13/07 11:05
881546-006	MW-5	WATER	03/13/07 13:40
881546-007	PW-4	WATER	03/13/07 13:15
881546-008	MW-102	WATER	03/13/07 14:05

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alle KM for Tod N
Approval Signature

3/28/07
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Methylene Chloride	1.7		0.43	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	83		64	132	1	%		03/16/07	SW846 5030B	SW846 8260B
Toluene-d8	86		73	127	1	%		03/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	89		68	122	1	%		03/16/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-006

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	470		6.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	9.8		0.13	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Barium - Dissolved	440		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Boron - Dissolved	10	B	2.4	20	2	ug/L	C	03/23/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Calcium - Dissolved	250000		260	10000	20	ug/L		03/22/07	SW846 3020A	SW846 6020
Chromium - Dissolved	7.2		0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	9.6		0.026	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Hardness - Dissolved	1100		3.0	40	20	mg/L		03/22/07	SW846 3020A	6020/2340B
Iron - Dissolved	340000		190	1000	20	ug/L		03/22/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lithium - Dissolved	0.97		0.25	0.50	1	ug/L		03/19/07	EPA 3020	EPA 6020
Magnesium - Dissolved	110000		91	10000	20	ug/L		03/22/07	SW846 3020A	SW846 6020
Manganese - Dissolved	21000		2.3	20	20	ug/L		03/22/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Nickel - Dissolved	2.3		0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Potassium - Dissolved	10000		5.7	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Selenium - Dissolved	1.4		0.67	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.068	U	0.068	1.0	2	ug/L	CA	03/23/07	SW846 3020A	SW846 6020
Sodium - Dissolved	56000		340	10000	20	ug/L		03/22/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	15		0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Zinc - Dissolved	8.2	B	0.98	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	1.04		0.163	0.500	1	ng/L	V	03/20/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	470		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Chloride	40		1.1	5.0	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/16/07	EPA 335.4	EPA 335.4
Fluoride	0.059	U	0.059	0.50	1	mg/L	N	03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	20		0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfate	940		26	200	50	mg/L		03/15/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/15/07	EPA 376.1	EPA 376.1
Total Alkalinity	470		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-006

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Acetone	13		2.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	79		64	132	1	%		03/16/07	SW846 5030B	SW846 8260B
Toluene-d8	84		73	127	1	%		03/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	89		68	122	1	%		03/16/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0094	U	0.0094	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.0093	U	0.0093	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Anthracene	0.013	U	0.013	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.018	U	0.018	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.021	U	0.021	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.018	U	0.018	0.054	1	ug/L	Z	03/16/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.022	U	0.022	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.022	U	0.022	0.054	1	ug/L	Z	03/16/07	SW846 3510C	8270C-SIM
Chrysene	0.022	U	0.022	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.022	U	0.022	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Fluoranthene	0.018	U	0.018	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Fluorene	0.012	J	0.010	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.022	U	0.022	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM

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Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-006

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-002

PAH/PNA

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.22		0.014	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Phenanthrene	0.013	U	0.013	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Pyrene	0.017	U	0.017	0.054	1	ug/L		03/16/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	101		10	150	1	%		03/16/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	72		20	111	1	%		03/16/07	SW846 3510C	8270C-SIM
Terphenyl-d14	109		44	115	1	%		03/16/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.13	U	0.13	0.53	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1221	0.13	U	0.13	0.53	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1232	0.13	U	0.13	0.53	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1242	0.13	U	0.13	0.53	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1248	0.13	U	0.13	0.53	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1254	0.13	U	0.13	0.53	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1260	0.13	U	0.13	0.53	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Total PCBs	0.13	U	0.13	0.53	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	79		42	122	1	%		03/20/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	83		10	128	1	%		03/20/07	SW846 3510C	SW846 8082

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Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-007

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	6.3	U	6.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Arsenic	0.13	U	0.13	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Barium	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Boron	250		1.2	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cadmium	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Calcium	13	U	13	500	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cobalt	0.026	U	0.026	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Copper	1.2	B	0.59	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Hardness	0.15	U	0.15	2.0	1	mg/L		03/22/07	SW846 3020A	6020/2340B
Iron	9.3	U	9.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lead	0.17	B	0.049	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lithium	0.67		0.016	0.053	1	ug/L		03/16/07	EPA 3020	EPA 6020
Magnesium	4.6	U	4.6	500	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Manganese	0.59	B	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Mercury - Low Level	0.430		0.163	0.163	1	ng/L		03/21/07	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Nickel	0.32	U	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Potassium	13	B	5.7	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Silver	0.034	U	0.034	0.50	1	ug/L	A	03/23/07	SW846 3020A	SW846 6020
Sodium	2500		17	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Vanadium	0.31	B	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Zinc	6.7	B	0.98	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	4.4	B	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Chloride	3.1	B	1.1	5.0	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/16/07	EPA 335.4	EPA 335.4
Fluoride	0.18	B	0.059	0.50	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.50	U	0.50	1.0	1	mg/L		03/19/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.14	B	0.085	0.40	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfate	2.4	B	0.51	4.0	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/15/07	EPA 376.1	EPA 376.1
Total Alkalinity	4.4	B	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-007

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-003

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	81		64	132	1	%		03/16/07	SW846 5030B	SW846 8260B
Toluene-d8	86		73	127	1	%		03/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	92		68	122	1	%		03/16/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-11

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	470		6.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	9.7		0.13	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Barium - Dissolved	440		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Boron - Dissolved	10	B	2.4	20	2	ug/L	C	03/23/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Calcium - Dissolved	200000		260	10000	20	ug/L		03/22/07	SW846 3020A	SW846 6020
Chromium - Dissolved	7.2		0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	9.4		0.026	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Hardness - Dissolved	880		3.0	40	20	mg/L		03/22/07	SW846 3020A	6020/2340B
Iron - Dissolved	260000		190	1000	20	ug/L		03/22/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lithium - Dissolved	1.1		0.25	0.50	1	ug/L		03/19/07	EPA 3020	EPA 6020
Magnesium - Dissolved	89000		91	10000	20	ug/L		03/22/07	SW846 3020A	SW846 6020
Manganese - Dissolved	17000		2.3	20	20	ug/L		03/22/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Nickel - Dissolved	2.4		0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Potassium - Dissolved	11000		5.7	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Selenium - Dissolved	1.2		0.67	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.068	U	0.068	1.0	2	ug/L	CA	03/23/07	SW846 3020A	SW846 6020
Sodium - Dissolved	46000		340	10000	20	ug/L		03/22/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	14		0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Zinc - Dissolved	6.9	B	0.98	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	1.07		0.163	0.500	1	ng/L	V	03/20/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	470		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Chloride	40		1.1	5.0	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/16/07	EPA 335.4	EPA 335.4
Fluoride	0.059	U	0.059	0.50	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	18		0.50	1.0	1	mg/L		03/23/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfate	940		26	200	50	mg/L		03/15/07	EPA 300.0	EPA 300.0
Sulfide	4.0	B	2.5	5.0	1	mg/L		03/15/07	EPA 376.1	EPA 376.1
Total Alkalinity	470		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-11

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-004

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Acetone	11		2.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	80		64	132	1	%		03/16/07	SW846 5030B	SW846 8260B
Toluene-d8	86		73	127	1	%		03/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	90		68	122	1	%		03/16/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0089	U	0.0089	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.0089	U	0.0089	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Anthracene	0.013	U	0.013	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.017	U	0.017	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.020	U	0.020	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.017	U	0.017	0.052	1	ug/L	Z	03/19/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.021	U	0.021	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.021	U	0.021	0.052	1	ug/L	Z	03/19/07	SW846 3510C	8270C-SIM
Chrysene	0.021	U	0.021	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.021	U	0.021	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Fluoranthene	0.017	U	0.017	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Fluorene	0.0099	U	0.0099	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.021	U	0.021	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-11

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-004

PAH/PNA

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Naphthalene	0.030	J	0.014	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Phenanthrene	0.012	U	0.012	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Pyrene	0.016	U	0.016	0.052	1	ug/L		03/19/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	82		10	150	1	%		03/19/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	65		20	111	1	%		03/19/07	SW846 3510C	8270C-SIM
Terphenyl-d14	90		44	115	1	%		03/19/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.13	U	0.13	0.56	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1221	0.13	U	0.13	0.56	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1232	0.13	U	0.13	0.56	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1242	0.13	U	0.13	0.56	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1248	0.13	U	0.13	0.56	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1254	0.13	U	0.13	0.56	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1260	0.13	U	0.13	0.56	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Total PCBs	0.13	U	0.13	0.56	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	75		42	122	1	%		03/20/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	84		10	128	1	%		03/20/07	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-12

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum	11	B	6.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Antimony	0.24	U	0.24	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Arsenic	9.5		0.13	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	9.2		0.13	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Barium	31		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Barium - Dissolved	30		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Beryllium	0.10	U	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Boron	33		1.2	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Boron - Dissolved	31		2.4	20	2	ug/L		03/23/07	SW846 3020A	SW846 6020
Cadmium	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Calcium	34000		13	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Calcium - Dissolved	34000		13	500	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Chromium	0.32	U	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cobalt	0.25	B	0.026	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	0.24	B	0.026	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Copper	0.69	B	0.59	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Hardness	130		0.15	2.0	1	mg/L		03/22/07	SW846 3020A	6020/2340B
Hardness - Dissolved	140		0.15	2.0	1	mg/L	1	03/22/07	SW846 3020A	6020/2340B
Iron	9400		9.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Iron - Dissolved	8600		9.3	50	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lead	0.10	B	0.049	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.10	B	0.049	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Lithium	1.9		0.080	0.26	1	ug/L		03/16/07	EPA 3020	EPA 6020
Lithium - Dissolved	1.6		0.25	0.50	1	ug/L		03/19/07	EPA 3020	EPA 6020
Magnesium	12000		4.6	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Magnesium - Dissolved	12000		4.6	500	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Manganese	940		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Manganese - Dissolved	890		0.12	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Mercury - Low Level	0.808		0.163	0.500	1	ng/L	V	03/21/07	EPA 1631E	EPA 1631E
Molybdenum	0.61	U	0.61	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.61	U	0.61	10	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Nickel	0.62	B	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Nickel - Dissolved	0.63	B	0.32	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Potassium	1600		5.7	500	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Potassium - Dissolved	1700		5.7	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Selenium	0.67	U	0.67	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Silver	0.068	U	0.068	1.0	2	ug/L	CA	03/23/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.068	U	0.068	1.0	2	ug/L	CA	03/23/07	SW846 3020A	SW846 6020

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Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-12

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-005

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Sodium	3600		17	500	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Sodium - Dissolved	3900		17	500	1	ug/L	1	03/22/07	SW846 3020A	SW846 6020
Thallium	0.053	U	0.053	1.0	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Vanadium	0.86	B	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.80	B	0.10	1.0	1	ug/L		03/22/07	SW846 3020A	SW846 6020
Zinc	13		0.98	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Zinc - Dissolved	11		0.98	10	1	ug/L	A	03/22/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.708		0.163	0.500	1	ng/L	V	03/20/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	150		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Chloride	3.6	B	1.1	5.0	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/16/07	EPA 335.4	EPA 335.4
Fluoride	0.19	B	0.059	0.50	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.67	B	0.50	1.0	1	mg/L		03/23/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfate	15		0.51	4.0	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/15/07	EPA 376.1	EPA 376.1
Total Alkalinity	150		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-12

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-005

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L	N	03/16/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	79		64	132	1	%		03/16/07	SW846 5030B	SW846 8260B
Toluene-d8	78		73	127	1	%		03/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	86		68	122	1	%		03/16/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-5

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-006

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Bicarbonate Alkalinity	480		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Chloride	13		1.1	5.0	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/16/07	EPA 335.4	EPA 335.4
Fluoride	0.19	B	0.059	0.50	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	18		0.50	1.0	1	mg/L		03/23/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfate	1.8	B	0.51	4.0	1	mg/L		03/14/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/15/07	EPA 376.1	EPA 376.1
Total Alkalinity	480		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	18	U	18	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	4.0	U	4.0	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	8.4	U	8.4	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	15	U	15	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	11	U	11	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	7.2	U	7.2	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	28	U	28	40	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	9.2	U	9.2	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
2-Butanone	86	U	86	100	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
2-Hexanone	22	U	22	100	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	24	U	24	100	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Acetone	46	U	46	100	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Benzene	9.8	J	8.2	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Bromodichloromethane	11	U	11	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Bromoform	19	U	19	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Bromomethane	18	U	18	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Carbon Disulfide	13	U	13	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	9.8	U	9.8	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Chlorobenzene	8.2	U	8.2	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	16	U	16	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Chloroethane	19	U	19	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Chloroform	7.4	U	7.4	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Chloromethane	4.8	U	4.8	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	3.8	U	3.8	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Ethylbenzene	62		11	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Methylene Chloride	11	J	8.6	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Styrene	17	U	17	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Tetrachloroethene	9.0	U	9.0	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Toluene	13	U	13	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	3.8	U	3.8	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Trichloroethene	9.6	U	9.6	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Vinyl Chloride	3.6	U	3.6	20	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B
Xylene, Total	1000		52	60	20	ug/L	K	03/16/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-5

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-006

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	86		64	132	20	%		03/16/07	SW846 5030B	SW846 8260B
Toluene-d8	84		73	127	20	%		03/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	89		68	122	20	%		03/16/07	SW846 5030B	SW846 8260B

PAH/PNA

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.89	U	0.89	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.89	U	0.89	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Anthracene	1.3	U	1.3	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	1.7	U	1.7	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	2.0	U	2.0	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	1.7	U	1.7	5.2	100	ug/L	Z	03/16/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	2.1	U	2.1	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	2.1	U	2.1	5.2	100	ug/L	Z	03/16/07	SW846 3510C	8270C-SIM
Chrysene	2.1	U	2.1	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	2.1	U	2.1	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Fluoranthene	1.7	U	1.7	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Fluorene	0.99	U	0.99	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	2.1	U	2.1	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Naphthalene	23		1.4	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Phenanthrene	1.7	J	1.2	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Pyrene	1.6	U	1.6	5.2	100	ug/L		03/16/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	0		10	150	100	%	D	03/16/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0		20	111	100	%	D	03/16/07	SW846 3510C	8270C-SIM
Terphenyl-d14	0		44	115	100	%	D	03/16/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.13	U	0.13	0.55	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1221	0.13	U	0.13	0.55	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1232	0.13	U	0.13	0.55	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1242	0.13	U	0.13	0.55	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1248	0.13	U	0.13	0.55	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1254	0.13	U	0.13	0.55	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Aroclor 1260	0.13	U	0.13	0.55	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Total PCBs	0.13	U	0.13	0.55	1	ug/L		03/20/07	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	70		42	122	1	%		03/20/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	66		10	128	1	%		03/20/07	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

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Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-4

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-007

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/16/07	EPA 335.4	EPA 335.4
Nitrogen, Ammonia	4.4		0.50	1.0	1	mg/L		03/23/07	EPA 350.1	EPA 350.1
Sulfide	2.8	B	2.5	5.0	1	mg/L		03/15/07	EPA 376.1	EPA 376.1

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Analytical Report Number: 881546

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-102

Matrix Type : WATER
Collection Date : 03/13/07
Report Date : 03/28/07
Lab Sample Number : 881546-008

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Toluene	0.77	J	0.67	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	78		64	132	1	%		03/16/07	SW846 5030B	SW846 8260B
Toluene-d8	87		73	127	1	%		03/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	88		68	122	1	%		03/16/07	SW846 5030B	SW846 8260B

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Lab Number	TestGroupID	Field ID	Comment
881546	W-SULF-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
881546-	M-AG-D	All Samples	A - Analyte is detected in the method blank at a concentration of -0.09 ug/L.
881546-	M-CA-	All Samples	A - Analyte is detected in the method blank at a concentration of -24 ug/L.
881546-	M-CU-W	All Samples	A - Analyte is detected in the method blank at a concentration of 1.4 ug/L.
881546-	Metals	All Samples	C - Elevated detection limit due to matrix effect.
881546-	M-MG-	All Samples	A - Analyte is detected in the method blank at a concentration of 6.1 ug/L.
881546-	M-TL-	All Samples	A - Analyte is detected in the method blank at a concentration of -0.06 ug/L.
881546-	M-ZN-	All Samples	A - Analyte is detected in the method blank at a concentration of 3.1 ug/L.
881546-	PAH-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
881546-002	PCB-W	DUP-006	Inadequate sample volume received to perform the method required MS/MSD.
881546-004	PCB-W	MW-11	Inadequate sample volume received to perform the method required MS/MSD.
881546-006	PCB-W	MW-5	Inadequate sample volume received to perform the method required MS/MSD.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	881546-001	881546-002	881546-003	881546-004	881546-005	881546-006	881546-007	881546-008
ALKALINITY, BICARB/CARB/TOTAL		B	B	B	B	B		
ALUMINUM			B		B			
ALUMINUM - DISSOLVED		B		B	B			
ANTIMONY			B		B			
ANTIMONY - DISSOLVED		B		B	B			
ARSENIC			B		B			
ARSENIC - DISSOLVED		B		B	B			
BARIUM			B		B			
BARIUM - DISSOLVED		B		B	B			
BERYLLIUM			B		B			
BERYLLIUM - DISSOLVED		B		B	B			
BORON			B		B			
BORON - DISSOLVED		B		B	B			
CADMIUM			B		B			
CADMIUM - DISSOLVED		B		B	B			
CALCIUM			B		B			
CALCIUM - DISSOLVED		B		B	B			
CHLORIDE		B	B	B	B	B		
CHROMIUM			B		B			
CHROMIUM - DISSOLVED		B		B	B			
COBALT			B		B			
COBALT - DISSOLVED		B		B	B			
COPPER			B		B			
COPPER - DISSOLVED		B		B	B			
CYANIDE, TOTAL		B	B	B	B	B	B	
FLUORIDE		B	B	B	B	B		
HARDNESS			B		B			
HARDNESS - DISSOLVED		B		B	B			
IRON			B		B			
IRON - DISSOLVED		B		B	B			
LEAD			B		B			
LEAD - DISSOLVED		B		B	B			
LITHIUM			M		M			
LITHIUM - DISSOLVED		M		M	M			
MAGNESIUM			B		B			
MAGNESIUM - DISSOLVED		B		B	B			
MANGANESE			B		B			
MANGANESE - DISSOLVED		B		B	B			
MERCURY - LOW LEVEL			K		K			
MERCURY - LOW LEVEL - DISSOLVE		K		K	K			

Test Group Name	881546-001	881546-002	881546-003	881546-004	881546-005	881546-006	881546-007	881546-008
MOLYBDENUM			B		B			
MOLYBDENUM - DISSOLVED		B		B	B			
NICKEL			B		B			
NICKEL - DISSOLVED		B		B	B			
NITROGEN, AMMONIA		B	B	B	B	B	B	
NITROGEN, NITRATE		B	B	B	B	B		
NITROGEN, NITRITE		B	B	B	B	B		
PAH/PNA		B		B		B		
PCB		K		K		K		
POTASSIUM			B		B			
POTASSIUM - DISSOLVED		B		B	B			
SELENIUM			B		B			
SELENIUM - DISSOLVED		B		B	B			
SILVER			B		B			
SILVER - DISSOLVED		B		B	B			
SODIUM			B		B			
SODIUM - DISSOLVED		B		B	B			
SULFATE		B	B	B	B	B		
SULFIDE		B	B	B	B	B	B	
THALLIUM			B		B			
THALLIUM - DISSOLVED		B		B	B			
VANADIUM			B		B			
VANADIUM - DISSOLVED		B		B	B			
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G		G
ZINC			B		B			
ZINC - DISSOLVED		B		B	B			

Code	MI Certification
B	Not Certified
G	Not Certified
K	Not Certified
M	Not Certified

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QC Summary

Batch Number: 881546
Lab Section: METALS-K
QC Batch Number: 19036
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-078	MBWMTK0966-078
MB	MBMTK0966-078	MBMTK0966-078
MB2	MB2WMTK0966-078	MB2WMTK0966-078
MB3	MB3WMTK0966-078	MB3WMTK0966-078
IPR	IPRWMTK0966-078	IPRWMTK0966-078
OPR	OPRWMTK0966-078	OPRWMTK0966-078
MS	DUP-006MS	881546-002MS
MS	881479-001MS	881479-001MS
MS	881423-006MS	881423-006MS
MSD	DUP-006MSD	881546-002MSD
MSD	881479-001MSD	881479-001MSD
MSD	881423-006MSD	881423-006MSD

Client Sample ID	Lab Sample ID
DUP-006	881546-002
MW-11	881546-004
MW-12	881546-005

Client Sample ID	Lab Sample ID
DUP-006	881546-002
MW-11	881546-004
MW-12	881546-005

Test Name	Method Blank Result Conc	Method Blank 2 Result Conc	Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Diss	< 0.163	< 0.163	0.46	5	4.9	97.6	4.6	91.5	79	121	881423-006	1.2	5.0	5.6	88.3		5.0	5.7	89.9		1.4		75	125	24
Mercury - Low Level - Diss											881546-002	1.0	5.0	5.1	80.4		5.0	5.2	83.4		3.0		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 3/28/2007
QC Batch Number: 19036

Pace Analytical Services, Inc.

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QC Summary

Batch Number: 881546
Lab Section: METALS-K
QC Batch Number: 19067
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-079	MBMTK0966-079
MB2	MB2WMTK0966-079	MB2WMTK0966-079
MB3	MB3WMTK0966-079	MB3WMTK0966-079
IPR	IPRWMTK0966-079	IPRWMTK0966-079
OPR	OPRWMTK0966-079	OPRWMTK0966-079
MS	881602-001MS	881602-001MS
MS	881598-002MS	881598-002MS
MS	881547-002MS	881547-002MS
MSD	881602-001MSD	881602-001MSD
MSD	881598-002MSD	881598-002MSD
MSD	881547-002MSD	881547-002MSD

Client Sample ID FBK-007 **Lab Sample ID** 881546-003

Client Sample ID MW-12 **Lab Sample ID** 881546-005

Test Name	Method Blank Result Conc		Method Blank 2 Result Conc		Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.358	<	0.163	<	0.163	5	5.436	108.7	5.143	102.9	79	121	881547-002	11.9	50.0	67.9	111.9		50.0	64.4	105.0		5.2		75	125	24
Mercury - Low Level													881598-002	2.23	10.0	12.7	104.7		10.0	12.8	105.7		0.8		75	125	24
Mercury - Low Level													881602-001	136.3	100.0	241.8	105.5		100.0	240.7	104.3		0.5		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 3/28/2007
QC Batch Number: 19067

Sample Condition Upon Receipt

Pace Analytical

Client Name: NORTH JACKSON Project # 8815-46

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☒ Other Poly

Thermometer Used JB Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 1.0°C 1.0°C Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: GD 3-14-06 VLS 3/14/07

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. NO3 3-14-07 GD
Rush Turn Around Time Requested:	☒Yes ☐No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☒Yes ☐No ☐N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W, GW, DI		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13. #006 Cn PH at 7, LAB WILL Adjust
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☒No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed GD / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☒Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Per Todd N #006-008 Partial Samples can get new Proj #. Other part Rec'd 3-13-07 3-14-07 GD

LL Hg #002 has H_2O in the inner bag. #003 only has one bag. #005 has H_2O in bag. 3-14-07 GD

Project Manager Review: AH for TN **Date:** 3/28/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

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Page 1 of 1

COC No. 017872

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other NaOH Zn

Company Name:	North Jackson Co
Branch/Location:	Marquette, MI
Project Contact:	J. Kesy FVD
Phone:	
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Andrew Maracini / Richard Eagle
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	Foth VD
Mail To Address:	Green Bay WI
Invoice To Contact:	J. Kesy
Invoice To Company:	FVD
Invoice To Address:	Same
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A	See FVD Parameter List		2-40mlB	
001	Trip Blank	3/13/07	—	W						
002	DUP-006		—	GW	Y	A				
003	FBK-0067		1030	DI	N	B				
004	MW-11		1025	GW	Y	C				
005	MW-12		1105	GW	N	D				
006	MW-5		1340	GW	Y	G				
007	PW-4		1315	GW	N	J				
008	MW-102	↓	1405	GW	N	D				

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard Eagle	3/13/07 1730		
Relinquished By:	Date/Time:	Received By:	Date/Time:
FedEx		Steve Watson	3-14-07 0900
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.
881546

Receipt Temp = 1.0°C 1.0°C °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881546
Lab Section: BNASIM
QC Batch Number: 18949
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog2114-22MB	svog2114-22MB
LCS	svog2114-22LCS	svog2114-22LCS
MS	881543-004MS	881543-004MS
MSD	881543-004MSD	881543-004MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-006	881546-002	MB
MW-5	881546-006	MB

Client Sample ID	Lab Sample ID	MB ID
MW-11	881546-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.12	61		---	---	---		---			40	126	23	881543-004	<	0.0082	0.19	0.12	63		0.19	0.11	60		5.6			56	113	24
Acenaphthylene	<	0.0086	0.20	0.12	58		---	---	---		---			39	127	24	881543-004	<	0.0081	0.19	0.11	61		0.19	0.11	57		6.3			56	115	24
Anthracene	<	0.012	0.20	0.15	73		---	---	---		---			39	139	27	881543-004	<	0.012	0.19	0.15	79		0.19	0.13	68		14.8			55	126	20
Benzo(a)anthracene	<	0.017	0.20	0.16	82		---	---	---		---			48	146	20	881543-004	<	0.016	0.19	0.19	103		0.19	0.19	103		0.8			45	150	20
Benzo(a)pyrene	<	0.019	0.20	0.16	82		---	---	---		---			61	136	20	881543-004	<	0.018	0.19	0.18	97		0.19	0.18	96		1.2			72	129	20
Benzo(b)fluoranthene	<	0.017	0.20	0.18	89		---	---	---		---			51	141	20	881543-004	<	0.016	0.19	0.21	109		0.19	0.2	108		1.1			72	134	20
Benzo(ghi)perylene	<	0.02	0.20	0.14	72		---	---	---		---			57	136	20	881543-004	<	0.019	0.19	0.16	86		0.19	0.16	83		3.0			72	128	20
Benzo(k)fluoranthene	<	0.02	0.20	0.18	91		---	---	---		---			61	149	20	881543-004	<	0.019	0.19	0.2	105		0.19	0.2	106		1.4			75	129	20
Chrysene	<	0.02	0.20	0.17	85		---	---	---		---			61	150	20	881543-004	<	0.019	0.19	0.18	97		0.19	0.19	100		2.8			71	136	20
Dibenz(a,h)anthracene	<	0.02	0.20	0.13	66		---	---	---		---			46	150	20	881543-004	<	0.019	0.19	0.15	79		0.19	0.15	77		2.5			43	150	20
Fluoranthene	<	0.016	0.20	0.17	86		---	---	---		---			48	145	20	881543-004	<	0.015	0.19	0.19	102		0.19	0.18	94		8.9			58	137	20
Fluorene	<	0.0096	0.20	0.12	62		---	---	---		---			40	131	25	881543-004	<	0.0091	0.19	0.12	65		0.19	0.11	59		9.6			56	121	21
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.14	70		---	---	---		---			54	143	20	881543-004	<	0.019	0.19	0.16	83		0.19	0.15	81		2.4			71	140	20
Naphthalene	<	0.013	0.20	0.13	63		---	---	---		---			45	131	30	881543-004		0.013	0.19	0.26	133	N	0.19	0.13	64		66.0	*		53	107	31
Phenanthrene	<	0.012	0.20	0.14	72		---	---	---		---			40	131	25	881543-004	<	0.011	0.19	0.15	80		0.19	0.13	68		16.1			58	138	20
Pyrene	<	0.015	0.20	0.15	77		---	---	---		---			55	135	20	881543-004	<	0.015	0.19	0.18	93		0.19	0.16	86		7.8			71	136	20
Nitrobenzene-d5		58%	---	---	64		---	---	---		---			10	150	---	881543-004		49%	---	---	62		---	---	57		---			10	150	---
2-Fluorobiphenyl		61%	---	---	65		---	---	---		---			20	111	---	881543-004		50%	---	---	64		---	---	60		---			20	111	---
Terphenyl-d14		76%	---	---	82		---	---	---		---			44	115	---	881543-004		85%	---	---	102		---	---	112		---			44	115	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18949

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
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QC Summary

Batch: 881546
Lab Section: METALS
QC Batch Number: 18868
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2102-40	MBWMTG2102-40
MB	MBDMTG2102-40	MBDMTG2102-40
LCS	LCSWMTG2102-40	LCSWMTG2102-40
LCS	LCSDMTG2102-40	LCSDMTG2102-40
MS	881479-007MS	881479-007MS
MS	881479-001MS	881479-001MS
MSD	881479-007MSD	881479-007MSD
MSD	881479-001MSD	881479-001MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-006	881546-002	MB
MW-11	881546-004	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-007	881546-003	MB
MW-12	881546-005	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum - Dissolved	<	6.3	10000	9562	95.6		---	---	---		---		75	125	20	881479-001		63.440	10000	9308	92.4		10000	9549	94.9		2.6		75	125	20
Antimony - Dissolved	<	0.24	200.0	206.8	103.4		---	---	---		---		75	125	20	881479-001	<	0.24	200.0	200.7	100.3		200.0	201.8	100.9		0.5		75	125	20
Arsenic - Dissolved	<	0.13	200.0	197.1	98.6		---	---	---		---		75	125	20	881479-001		8.770	200.0	199.6	95.4		200.0	202.1	96.7		1.2		75	125	20
Barium - Dissolved	<	0.12	200.0	191.4	95.7		---	---	---		---		75	125	20	881479-001		81.08	200.0	267.7	93.3		200.0	271	95.0		1.2		75	125	20
Beryllium - Dissolved	<	0.1	200.0	204.5	102.2		---	---	---		---		75	125	20	881479-001	<	0.1	200.0	178.6	89.3		200.0	179.9	89.9		0.7		75	125	20
Boron - Dissolved	<	1.2	200.0	193.1	96.6		---	---	---		---		75	125	20	881479-001		70.93	200.0	241.2	85.1		200.0	245.1	87.1		1.6		75	125	20
Cadmium - Dissolved	<	0.12	200.0	195.1	97.6		---	---	---		---		75	125	20	881479-001	<	0.12	200.0	189.4	94.7		200.0	190.5	95.2		0.6		75	125	20
Calcium - Dissolved	<	13	10000.0	9757	97.6		---	---	---		---		75	125	20	881479-001		29030.0	10000.0	38150	91.2		10000.0	39230	102.0		2.8		75	125	20
Chromium - Dissolved	<	0.32	200.0	191.4	95.7		---	---	---		---		75	125	20	881479-001		2.010	200.0	179.3	88.6		200.0	186.1	92.0		3.7		75	125	20
Cobalt - Dissolved	<	0.026	200.0	186.7	93.3		---	---	---		---		75	125	20	881479-001		3.210	200.0	178.4	87.6		200.0	181.3	89.0		1.6		75	125	20
Copper - Dissolved	J	1.4	200.0	186.2	93.1		---	---	---		---		75	125	20	881479-001	<	0.59	200.0	176.2	88.1		200.0	176.7	88.3		0.3		75	125	20
Iron - Dissolved	<	9.3	10000.0	9510	95.1		---	---	---		---		75	125	20	881479-001		20530.0	10000.0	29130	86.0		10000.0	30080	95.5		3.2		75	125	20
Lead - Dissolved	<	0.049	200.0	195.5	97.8		---	---	---		---		75	125	20	881479-001	<	0.049	200.0	193.1	96.6		200.0	194.3	97.2		0.6		75	125	20
Magnesium - Dissolved	J	6.1	10000.0	9700	97.0		---	---	---		---		75	125	20	881479-001		11980.0	10000.0	20760	87.8		10000.0	21790	98.1		4.8		75	125	20
Manganese - Dissolved	<	0.12	200.00	194	97.0		---	---	---		---		75	125	20	881479-001		4029.0	200.00	4105	38.0	+	200.00	4273	122.0	+	4.0		75	125	20
Molybdenum - Dissolved	<	0.61	200.0	187.3	93.7		---	---	---		---		75	125	20	881479-001		0.6200	200.0	178.7	89.0		200.0	178.4	88.9		0.2		75	125	20
Nickel - Dissolved	<	0.32	200.0	185.6	92.8		---	---	---		---		75	125	20	881479-001		0.7200	200.0	173.9	86.6		200.0	175.1	87.2		0.7		75	125	20
Potassium - Dissolved	<	5.7	10000.0	9475	94.8		---	---	---		---		75	125	20	881479-001		2608.00	10000.0	11650	90.4		10000.0	12040	94.3		3.3		75	125	20
Selenium - Dissolved	<	0.67	200.0	198.3	99.2		---	---	---		---		75	125	20	881479-001	<	0.67	200.0	190.7	95.3		200.0	193.5	96.8		1.5		75	125	20
Silver - Dissolved	<	0.034	100	97.9	97.9		---	---	---		---		75	125	20	881479-001	<	0.068	100	88.1	88.1		100	85	85.0		3.6		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18868

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
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QC Summary

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sodium - Dissolved	<	17	10000.0	9703	97.0		---	---	---		---			75	125	20	881479-001		3504.00	10000.0	12610	91.1		10000.0	13090	95.9		3.7			75	125	20
Thallium - Dissolved	<	0.053	200.0	189.5	94.8		---	---	---		---			75	125	20	881479-001	<	0.053	200.0	188.6	94.3		200.0	190.1	95.1		0.8			75	125	20
Vanadium - Dissolved	<	0.1	200.0	191.3	95.7		---	---	---		---			75	125	20	881479-001		5.140	200.0	188.9	91.9		200.0	193.1	94.0		2.2			75	125	20
Zinc - Dissolved	J	3.1	200.0	191.3	95.7		---	---	---		---			75	125	20	881479-001		5.260	200.0	182.6	88.7		200.0	186	90.4		1.8			75	125	20
Aluminum	<	6.3	10000	9562	95.6		---	---	---		---			75	125	20	881479-007		89.480	10000	9168	90.8		10000	9557	94.7		4.2			75	125	20
Antimony	<	0.24	200.0	206.8	103.4		---	---	---		---			75	125	20	881479-007	<	0.24	200.0	201.1	100.6		200.0	205.5	102.8		2.2			75	125	20
Arsenic	<	0.13	200.0	197.1	98.6		---	---	---		---			75	125	20	881479-007		13.29	200.0	205.2	96.0		200.0	207.2	97.0		1.0			75	125	20
Barium	<	0.12	200.0	191.4	95.7		---	---	---		---			75	125	20	881479-007		63.84	200.0	252.7	94.4		200.0	258	97.1		2.1			75	125	20
Beryllium	<	0.1	200.0	204.5	102.2		---	---	---		---			75	125	20	881479-007		0.1100	200.0	176.3	88.1		200.0	181	90.4		2.6			75	125	20
Boron	<	1.2	200.0	193.1	96.6		---	---	---		---			75	125	20	881479-007		45.06	200.0	212.6	83.8		200.0	219.5	87.2		3.2			75	125	20
Cadmium	<	0.12	200.0	195.1	97.6		---	---	---		---			75	125	20	881479-007	<	0.12	200.0	186.9	93.4		200.0	192.3	96.2		2.8			75	125	20
Calcium	<	13	10000.0	9757	97.6		---	---	---		---			75	125	20	881479-007		42320.0	10000.0	50560	82.4	+	10000.0	51130	88.1	+	1.1			75	125	20
Chromium	<	0.32	200.0	191.4	95.7		---	---	---		---			75	125	20	881479-007		0.7400	200.0	181.6	90.4		200.0	190.5	94.9		4.8			75	125	20
Cobalt	<	0.026	200.0	186.7	93.3		---	---	---		---			75	125	20	881479-007		0.3900	200.0	175.3	87.5		200.0	182.9	91.3		4.2			75	125	20
Copper	J	1.4	200.0	186.2	93.1		---	---	---		---			75	125	20	881479-007		0.6600	200.0	174.6	87.0		200.0	182	90.7		4.2			75	125	20
Iron	<	9.3	10000.0	9510	95.1		---	---	---		---			75	125	20	881479-007		45060.0	10000.0	50910	58.5	+	10000.0	53100	80.4	+	4.2			75	125	20
Lead	<	0.049	200.0	195.5	97.8		---	---	---		---			75	125	20	881479-007		0.2100	200.0	193.1	96.4		200.0	195.4	97.6		1.2			75	125	20
Magnesium	J	6.1	10000.0	9700	97.0		---	---	---		---			75	125	20	881479-007		15310.0	10000.0	23880	85.7		10000.0	24560	92.5		2.8			75	125	20
Manganese	<	0.12	200.00	194	97.0		---	---	---		---			75	125	20	881479-007		3652.0	200.00	3706	27.0	+	200.00	3908	128.0	+	5.3			75	125	20
Molybdenum	<	0.61	200.0	187.3	93.7		---	---	---		---			75	125	20	881479-007		0.9200	200.0	181.6	90.3		200.0	186.5	92.8		2.7			75	125	20
Nickel	<	0.32	200.0	185.6	92.8		---	---	---		---			75	125	20	881479-007		0.8800	200.0	172.5	85.8		200.0	181.3	90.2		5.0			75	125	20
Potassium	<	5.7	10000.0	9475	94.8		---	---	---		---			75	125	20	881479-007		3069.00	10000.0	12220	91.5		10000.0	12800	97.3		4.6			75	125	20
Selenium	<	0.67	200.0	198.3	99.2		---	---	---		---			75	125	20	881479-007	<	0.67	200.0	190.6	95.3		200.0	191	95.5		0.2			75	125	20
Silver	<	0.034	100	97.9	97.9		---	---	---		---			75	125	20	881479-007	<	0.068	100	93.3	93.3		100	86.9	86.9		7.1			75	125	20
Sodium	<	17	10000.0	9703	97.0		---	---	---		---			75	125	20	881479-007		4830.00	10000.0	14060	92.3		10000.0	14750	99.2		4.8			75	125	20
Thallium	<	0.053	200.0	189.5	94.8		---	---	---		---			75	125	20	881479-007	<	0.053	200.0	189.8	94.9		200.0	190.8	95.4		0.5			75	125	20
Vanadium	<	0.1	200.0	191.3	95.7		---	---	---		---			75	125	20	881479-007		2.840	200.0	185.3	91.2		200.0	196.1	96.6		5.7			75	125	20
Zinc	J	3.1	200.0	191.3	95.7		---	---	---		---			75	125	20	881479-007		3.340	200.0	181.9	89.3		200.0	182	89.3		0.1			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18868

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
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Fax: 920-469-8827

QC Summary

Batch: 881546
Lab Section: METALS-K
QC Batch Number: 19036
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-078	MBWMTK0966-078
MB	MBMTK0966-078	MBMTK0966-078
IPR	IPRWMTK0966-078	IPRWMTK0966-078
OPR	OPRWMTK0966-078	OPRWMTK0966-078
MS	DUP-006MS	881546-002MS
MS	881479-001MS	881479-001MS
MS	881423-006MS	881423-006MS
MSD	DUP-006MSD	881546-002MSD
MSD	881479-001MSD	881479-001MSD
MSD	881423-006MSD	881423-006MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-006	881546-002	MB
MW-12	881546-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-11	881546-004	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Dissol	<	0.163	0	---	---		---	---	---		---		---	---	---	881423-006	1.2	5.0	5.6	88.3		5.0	5.7	89.9		1.4		75	125	24
Mercury - Low Level - Dissol	<	0.163	0	---	---		---	---	---		---		---	---	---	881546-002	1.0	5.0	5.1	80.4		5.0	5.2	83.4		3.0		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19036

Pace Analytical Services, Inc.

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QC Summary

Batch: 881546
Lab Section: METALS-K
QC Batch Number: 19067
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBMTK0966-079	MBMTK0966-079
IPR	IPRWMTK0966-079	IPRWMTK0966-079
OPR	OPRWMTK0966-079	OPRWMTK0966-079
MS	881602-001MS	881602-001MS
MS	881598-002MS	881598-002MS
MS	881547-002MS	881547-002MS
MSD	881602-001MSD	881602-001MSD
MSD	881598-002MSD	881598-002MSD
MSD	881547-002MSD	881547-002MSD

Client Sample ID FBK-007 **Lab Sample ID** 881546-003 **MB ID** MB

Client Sample ID MW-12 **Lab Sample ID** 881546-005 **MB ID** MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level	0.358	0	---	---		---	---	---		---		---	---	---	881547-002	11.9	50.0	67.9	111.9		50.0	64.4	105.0		5.2		75	125	24
Mercury - Low Level	0.358	0	---	---		---	---	---		---		---	---	---	881598-002	2.23	10.0	12.7	104.7		10.0	12.8	105.7		0.8		75	125	24
Mercury - Low Level	0.358	0	---	---		---	---	---		---		---	---	---	881602-001	136.3	100.0	241.8	105.5		100.0	240.7	104.3		0.5		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 19067

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881546
Lab Section: PCB-K
QC Batch Number: 18883
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-056PCBMB	SVG2057-056PCBMB
LCS	SVG2057-056PCBLCS	SVG2057-056PCBLCS
LCSD	SVG2057-056PCBLCSD	SVG2057-056PCBLCSD

Client Sample ID	Lab Sample ID	MB ID
DUP-006	881546-002	MB
MW-5	881546-006	MB

Client Sample ID	Lab Sample ID	MB ID
MW-11	881546-004	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1221	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1232	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1242	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1248	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1254	<	0.12	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Aroclor 1260	<	0.12	5.0	4	80		5.0	4.3	86		7.5		47	138	20	---	---	---	---	---		---	---	---		---		---	---	---
Total PCBs	<	0.12	---	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Tetrachloro-m-xylene		76%	---	---	84		---	---	79		---		42	122	---	---	---	---	---	---		---	---	---		---		---	---	---
Decachlorobiphenyl		85%	---	---	80		---	---	90		---		10	128	---	---	---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18883

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881546
Lab Section: VOA
QC Batch Number: 18876
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2168-01MB	vog2168-01MB
LCS	vog2168-01LCS	vog2168-01LCS
LCSD	vog2168-01LCSD	vog2168-01LCSD
MS	MW-12MS	881546-005MS
MSD	MW-12MSD	881546-005MSD

Client Sample ID	Lab Sample ID	MB ID
TRIP BLANK	881546-001	MB
FBK-007	881546-003	MB
MW-12	881546-005	MB
MW-102	881546-008	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-006	881546-002	MB
MW-11	881546-004	MB
MW-5	881546-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	<	0.9	50.0	58.7	117		50.0	58.3	117		0.7			75	128	20	881546-005	<	0.9	50.0	57.7	115		50.0	58.4	117		1.3			70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	51.4	103		50.0	51.5	103		0.2			67	125	20	881546-005	<	0.2	50.0	50.9	102		50.0	53.4	107		5.0			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	56.6	113		50.0	55.6	111		1.9			75	125	20	881546-005	<	0.42	50.0	55.9	112		50.0	55.3	111		1.2			70	130	30
1,1-Dichloroethane	<	0.75	50.0	53.6	107		50.0	53.7	107		0.1			71	130	20	881546-005	<	0.75	50.0	54.9	110		50.0	55.3	111		0.9			70	130	30
1,1-Dichloroethene	<	0.57	50.0	58	116		50.0	59.8	120		3.2			75	125	20	881546-005	<	0.57	50.0	59.9	120		50.0	57.6	115		4.0			70	135	30
1,2-Dichloroethane	<	0.36	50.0	55.9	112		50.0	57.8	116		3.4			71	132	20	881546-005	<	0.36	50.0	54.8	110		50.0	54.8	110		0.1			70	130	30
1,2-Dichloroethene, Total	<	1.4	100	94.8	95		100	96.2	96		1.4			75	125	20	881546-005	<	1.4	100	95.1	95		100	97.1	97		2.1			70	130	30
1,2-Dichloropropane	<	0.46	50.0	55.8	112		50.0	53.7	107		3.9			73	125	20	881546-005	<	0.46	50.0	56.4	113		50.0	54.1	108		4.3			70	130	30
2-Butanone	<	4.3	50.0	51.2	102		50.0	47.2	94		8.1			59	130	20	881546-005	<	4.3	50.0	54.1	108		50.0	55.3	111		2.2			51	130	30
2-Hexanone	<	1.1	50.0	47.6	95		50.0	49.4	99		3.8			51	125	20	881546-005	<	1.1	50.0	48.6	97		50.0	47.7	95		2.0			53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	48.9	98		50.0	47.9	96		2.1			59	125	20	881546-005	<	1.2	50.0	48.6	97		50.0	49	98		0.8			62	130	30
Acetone	<	2.3	50.0	50.2	100		50.0	53.4	107		6.2			31	150	20	881546-005	<	2.3	50.0	52.4	105		50.0	62.5	125		17.6			42	132	30
Benzene	<	0.41	50.0	52.6	105		50.0	52.7	105		0.1			75	125	20	881546-005	<	0.41	50.0	53.4	107		50.0	53.3	107		0.3			70	130	30
Bromodichloromethane	<	0.56	50.0	58.1	116		50.0	58.2	116		0.2			75	125	20	881546-005	<	0.56	50.0	55.6	111		50.0	55.5	111		0.2			70	130	30
Bromoform	<	0.94	50.0	57.6	115		50.0	57.3	115		0.5			75	125	20	881546-005	<	0.94	50.0	54.2	108		50.0	52.4	105		3.4			70	130	30
Bromomethane	<	0.91	50.0	46.1	92		50.0	48.7	97		5.4			66	125	20	881546-005	<	0.91	50.0	44.2	88		50.0	42.6	85		3.6			63	147	30
Carbon Disulfide	<	0.66	50.0	50.2	100		50.0	50.6	101		0.8			71	128	20	881546-005	<	0.66	50.0	51.5	103		50.0	43.9	88		15.8			56	142	30
Carbon Tetrachloride	<	0.49	50.0	62.7	125		50.0	61.3	123		2.3			75	125	20	881546-005	<	0.49	50.0	61	122		50.0	59.9	120		1.9			70	131	30
Chlorobenzene	<	0.41	50.0	53	106		50.0	52.8	106		0.4			75	125	20	881546-005	<	0.41	50.0	52.1	104		50.0	52.7	105		1.3			70	130	30
Chlorodibromomethane	<	0.81	50.0	54.9	110		50.0	55.1	110		0.5			75	125	20	881546-005	<	0.81	50.0	51.5	103		50.0	51.7	103		0.4			70	130	30
Chloroethane	<	0.97	50.0	49.9	100		50.0	52.8	106		5.6			72	126	20	881546-005	<	0.97	50.0	53.4	107		50.0	54	108		1.2			67	138	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18876

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL	UCL	RPD	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL	UCL	RPD
														%	%	%														%	%	%
Chloroform	<	0.37	50.0	56.1	112		50.0	55.1	110		1.7			75	125	20	881546-005	<	0.37	50.0	55.6	111		50.0	56	112		0.7			70	130	30
Chloromethane	<	0.24	50.0	46.6	93		50.0	47.9	96		2.8			46	143	20	881546-005	<	0.24	50.0	45.6	91		50.0	45.4	91		0.6			43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	55.8	112		50.0	56.6	113		1.4			75	125	20	881546-005	<	0.19	50.0	54.6	109		50.0	52.8	106		3.4			70	130	30
Ethylbenzene	<	0.54	50.0	55.2	110		50.0	54.4	109		1.5			75	125	20	881546-005	<	0.54	50.0	52.1	104		50.0	51.6	103		0.9			70	136	30
Methylene Chloride	<	0.43	50.0	56.4	113		50.0	57.4	115		1.7			75	125	20	881546-005	<	0.43	50.0	56.7	113		50.0	58.6	117		3.3			70	130	30
Styrene	<	0.86	50.0	53.9	108		50.0	53.2	106		1.3			75	125	20	881546-005	<	0.86	50.0	33.8	68	N	50.0	28.1	56	N	18.4			70	130	30
Tetrachloroethene	<	0.45	50.0	52.2	104		50.0	52.1	104		0.2			75	130	20	881546-005	<	0.45	50.0	51.8	104		50.0	53.4	107		3.0			70	130	30
Toluene	<	0.67	50.0	52.7	105		50.0	52.8	106		0.1			75	125	20	881546-005	<	0.67	50.0	50.9	102		50.0	51.6	103		1.3			70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	51.2	102		50.0	50.3	101		1.7			75	125	20	881546-005	<	0.19	50.0	49.7	99		50.0	48.1	96		3.3			70	130	30
Trichloroethene	<	0.48	50.0	56.6	113		50.0	55.3	111		2.4			75	125	20	881546-005	<	0.48	50.0	53.8	108		50.0	55.5	111		3.1			70	130	30
Vinyl Chloride	<	0.18	50.0	46.9	94		50.0	48.6	97		3.6			65	130	20	881546-005	<	0.18	50.0	50.3	101		50.0	49.2	98		2.2			62	138	30
Xylene, Total	<	2.6	150.0	163.2	109		150.0	162.6	108		0.4			75	125	20	881546-005	<	2.6	150.0	145	97		150.0	138.8	93		4.4			70	130	30
4-Bromofluorobenzene		81%	---	---	90		---	---	87		---			64	132	---	881546-005		79%	---	---	88		---	---	87		---			64	132	---
Toluene-d8		84%	---	---	86		---	---	86		---			73	127	---	881546-005		78%	---	---	85		---	---	85		---			73	127	---
Dibromofluoromethane		91%	---	---	87		---	---	85		---			68	122	---	881546-005		86%	---	---	87		---	---	86		---			68	122	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18876

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881546
Lab Section: WETCHEM
QC Batch Number: 18842
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2138-035MB	WCG2138-035MB
LCS	WCG2138-035MBLCS	WCG2138-035MBLCS
MS	881557-001MS	881557-001MS
MS	DUP-006MS	881546-002MS
MSD	881557-001MSD	881557-001MSD
MSD	DUP-006MSD	881546-002MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-006	881546-002	MB
MW-11	881546-004	MB
MW-5	881546-006	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-007	881546-003	MB
MW-12	881546-005	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	1.1	20.0	20.3	101.4		---	---	---		---		90	110	20	881546-002		40.0	20.0	59.6	98.2		20.0	59.6	98.1		0.1		90	110	20
Fluoride	<	0.059	2.0	2.1	107.0		---	---	---		---		90	110	20	881546-002	<	0.059	2.0	2.6	128.0	N	2.0	2.6	130.0	N	1.6		90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.7	105.0		---	---	---		---		90	110	20	881546-002	<	0.085	1.6	1.7	103.8		1.6	1.7	105.6		1.8		90	110	20
Nitrogen, Nitrite	<	0.036	0.80	0.87	108.8		---	---	---		---		90	110	20	881546-002	<	0.036	0.80	0.86	107.5		0.80	0.84	105.0		2.4		90	110	20
Sulfate	<	0.51	16.000	16.7	104.2		---	---	---		---		90	110	20	881546-002		944.00	800.00	1753.5	101.2		800.00	1757	101.6		0.2		90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.7	105.0		---	---	---		---		90	110	20	881557-001		0.32	1.6	1.9	100.6		1.6	1.9	98.8		1.6		90	110	20
Sulfate	<	0.51	16.0	16.7	104.2		---	---	---		---		90	110	20	881557-001		23.4	16.0	40.9	109.4		16.0	40.5	106.9		1.0		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18842

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881546
Lab Section: WETCHEM
QC Batch Number: 18860
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-093MB	WCG1919-093MB
LCS	WCG1919-093MBLCS	WCG1919-093MBLCS
MS	881479-001MS	881479-001MS
MSD	881479-001MSD	881479-001MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-006	881546-002	MB
MW-11	881546-004	MB
MW-5	881546-006	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-007	881546-003	MB
MW-12	881546-005	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	<	1.7	77.40	81.4	105.2		---	---	---		---		80	120	20	881479-001		145.2	100.0	250.1	104.9		100.0	250.1	104.9		0.0		80	120	20
Carbonate Alkalinity	<	1.7	0	---	---		---	---	---		---		---	---	---	881479-001	<	1.7	---	---	---		---	---	---		---		---	---	---
Total Alkalinity	<	1.7	77.40	81.4	105.2		---	---	---		---		80	120	20	881479-001		145.2	100.0	250.1	104.9		100.0	250.1	104.9		0.0		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18860

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881546
Lab Section: WETCHEM
QC Batch Number: 18869
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-094MB	WCG1919-094MB
LCS	WCG1919-094MBLCS	WCG1919-094MBLCS
LCSD	WCG1919-094MBLCSD	WCG1919-094MBLCSD

Client Sample ID	Lab Sample ID	MB ID
DUP-006	881546-002	MB
MW-11	881546-004	MB
MW-5	881546-006	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-007	881546-003	MB
MW-12	881546-005	MB
PW-4	881546-007	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sulfide	< 2.5	45.2	42.8	94.7		45.2	46	101.8		7.2		80	120	20	---	---	---	---	---		---	---	---		---		---	---	---

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18869

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881546
Lab Section: WETCHEM
QC Batch Number: 18879
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-039MB	WCG2151-039MB
LCS	WCG2151-039MBLCS	WCG2151-039MBLCS
MS	881557-007MS	881557-007MS
MS	MW-11MS	881546-004MS
MSD	881557-007MSD	881557-007MSD
MSD	MW-11MSD	881546-004MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-006	881546-002	MB
MW-11	881546-004	MB
MW-5	881546-006	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-007	881546-003	MB
MW-12	881546-005	MB
PW-4	881546-007	MB

Test Name	Method Blank Result		Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result		Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094		0.10	0.1	101.6		---	---	---		---			90	110	20	881546-004	<	0.0094	0.10	0.1	104.1		0.10	0.11	107.9		3.5			90	110	20
Cyanide, Total	<	0.0094		0.10	0.1	101.6		---	---	---		---			90	110	20	881557-007	<	0.0094	0.10	0.12	116.2	N	0.10	0.11	112.4	N	3.3			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18879

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881546
Lab Section: WETCHEM
QC Batch Number: 18954
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-041MB	WCG2151-041MB
LCS	WCG2151-041MBLCS	WCG2151-041MBLCS
MS	881559-001MS	881559-001MS
MS	881423-002MS	881423-002MS
MSD	881559-001MSD	881559-001MSD
MSD	881423-002MSD	881423-002MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-006	881546-002	MB

Client Sample ID	Lab Sample ID	MB ID
FBK-007	881546-003	MB

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Nitrogen, Ammonia	<	0.2	10.0	10.4	103.5		---	---	---		---		90	110	20	881423-002	0.857	10.0	11.1	102.5		10.0	11	101.5		0.9		90	110	20
Nitrogen, Ammonia	<	0.2	10.0	10.4	103.5		---	---	---		---		90	110	20	881559-001	28.6	10.0	40.4	118.5	N	10.0	39.7	111.1	N	1.8		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18954

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881546
Lab Section: WETCHEM
QC Batch Number: 19092
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-054MB	WCG2151-054MB
LCS	WCG2151-054MBLCS	WCG2151-054MBLCS
MS	881742-001MS	881742-001MS
MS	881562-001MS	881562-001MS
MSD	881742-001MSD	881742-001MSD
MSD	881562-001MSD	881562-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-11	881546-004	MB
MW-5	881546-006	MB

Client Sample ID	Lab Sample ID	MB ID
MW-12	881546-005	MB
PW-4	881546-007	MB

Test Name	Method Blank Result		Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.2		10.0	10.3	103.3		---	---	---		---		90	110	20	881562-001	0.580	10.0	11	103.7		10.0	10.4	98.4		4.9		90	110	20
Nitrogen, Ammonia	<	0.2		10.0	10.3	103.3		---	---	---		---		90	110	20	881742-001	1.75	10.0	11.7	99.2		10.0	11.8	100.2		0.8		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19092

Batch No. 881580

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
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Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

April 2, 2007

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 881580 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Alee for Tod N

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 881580

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
881580-001	PW-4	WATER	03/14/07 12:00
881580-002	MW-601	WATER	03/14/07 11:10
881580-003	MW-102	WATER	03/14/07 11:30
881580-004	MW-5	WATER	03/14/07 12:30
881580-005	TRIP BLANK 5	WATER	03/14/07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

allen for Tod N
Approval Signature

4/2/07
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881580

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : PW-4

Matrix Type : WATER
Collection Date : 03/14/07
Report Date : 03/30/07
Lab Sample Number : 881580-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/18/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/18/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	91		64	132	1	%		03/18/07	SW846 5030B	SW846 8260B
Toluene-d8	100		73	127	1	%		03/18/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	101		68	122	1	%		03/18/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881580

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-601

Matrix Type : WATER
Collection Date : 03/14/07
Report Date : 03/30/07
Lab Sample Number : 881580-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	45	B	6.3	50	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	24		0.13	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Barium - Dissolved	270		0.12	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.10	U	0.10	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Boron - Dissolved	230		4.4	100	1	ug/L		03/29/07	SW846 6010B	SW846 6010B
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Calcium - Dissolved	99000		130	5000	10	ug/L		03/27/07	SW846 3020A	SW846 6020
Chromium - Dissolved	2.6		0.32	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	7.8		0.026	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Hardness - Dissolved	350		1.5	20	10	mg/L		03/27/07	SW846 3020A	6020/2340B
Iron - Dissolved	63000		93	500	10	ug/L		03/27/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.049	U	0.049	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Lithium - Dissolved	0.99		0.25	0.50	1	ug/L		03/21/07	EPA 3020	EPA 6020
Magnesium - Dissolved	24000		46	5000	10	ug/L		03/27/07	SW846 3020A	SW846 6020
Manganese - Dissolved	6900		1.2	10	10	ug/L		03/27/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	3.9	B	0.61	10	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Nickel - Dissolved	7.2		0.32	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Potassium - Dissolved	8900		5.7	500	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Selenium - Dissolved	1.0		0.67	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L	N	03/27/07	SW846 3020A	SW846 6020
Sodium - Dissolved	18000		170	5000	10	ug/L		03/27/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	4.8		0.10	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Zinc - Dissolved	6.7	B	0.98	10	1	ug/L	A	03/27/07	SW846 3020A	SW846 6020
Bicarbonate Alkalinity	480		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B
Chloride	6.9		1.1	5.0	1	mg/L	A	03/15/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L	N	03/22/07	EPA 335.4	EPA 335.4
Fluoride	0.34	B	0.059	0.50	1	mg/L		03/16/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	8.7		0.50	1.0	1	mg/L		03/23/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/15/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/15/07	EPA 300.0	EPA 300.0
Sulfate	9.3		0.51	4.0	1	mg/L		03/15/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/15/07	EPA 376.1	EPA 376.1
Total Alkalinity	480		1.7	10	1	mg/L		03/16/07	SM 2320B	SM 2320B

PAH/PNA

Prep Date: 03/20/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0082	U	0.0082	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U	0.0081	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Anthracene	0.012	U	0.012	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U	0.016	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U	0.018	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U	0.016	0.047	1	ug/L	Z	03/20/07	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881580

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-601

Matrix Type : WATER
Collection Date : 03/14/07
Report Date : 03/30/07
Lab Sample Number : 881580-002

PAH/PNA

Prep Date: 03/20/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Benzo(ghi)perylene	0.019	U	0.019	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U	0.019	0.047	1	ug/L	Z	03/20/07	SW846 3510C	8270C-SIM
Chrysene	0.019	U	0.019	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U	0.019	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Fluoranthene	0.022	J	0.015	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Fluorene	0.0091	U	0.0091	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U	0.019	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Naphthalene	0.027	J	0.012	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Phenanthrene	0.015	J	0.011	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Pyrene	0.021	J	0.015	0.047	1	ug/L		03/20/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	56		10	150	1	%		03/20/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	75		20	111	1	%		03/20/07	SW846 3510C	8270C-SIM
Terphenyl-d14	95		44	115	1	%		03/20/07	SW846 3510C	8270C-SIM

PCB

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.11	U	0.11	0.48	1	ug/L		03/23/07	SW846 3510C	SW846 8082
Aroclor 1221	0.11	U	0.11	0.48	1	ug/L		03/23/07	SW846 3510C	SW846 8082
Aroclor 1232	0.11	U	0.11	0.48	1	ug/L		03/23/07	SW846 3510C	SW846 8082
Aroclor 1242	0.11	U	0.11	0.48	1	ug/L		03/23/07	SW846 3510C	SW846 8082
Aroclor 1248	0.11	U	0.11	0.48	1	ug/L		03/23/07	SW846 3510C	SW846 8082
Aroclor 1254	0.11	U	0.11	0.48	1	ug/L		03/23/07	SW846 3510C	SW846 8082
Aroclor 1260	0.11	U	0.11	0.48	1	ug/L		03/23/07	SW846 3510C	SW846 8082
Total PCBs	0.11	U	0.11	0.48	1	ug/L		03/23/07	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	67		42	122	1	%		03/23/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	75		10	128	1	%		03/23/07	SW846 3510C	SW846 8082

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881580

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-102

Matrix Type : WATER
Collection Date : 03/14/07
Report Date : 03/30/07
Lab Sample Number : 881580-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	180000		130	1000	20	ug/L	E	03/27/07	SW846 3020A	SW846 6020
Antimony - Dissolved	2.4	U	2.4	10	10	ug/L	C	03/29/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	270		1.3	10	10	ug/L		03/29/07	SW846 3020A	SW846 6020
Barium - Dissolved	1.2	U	1.2	10	10	ug/L	CA	03/29/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	19	B	2.0	20	20	ug/L	E	03/27/07	SW846 3020A	SW846 6020
Boron - Dissolved	110	B	22	500	5	ug/L		03/29/07	SW846 6010B	SW846 6010B
Cadmium - Dissolved	18		1.2	10	10	ug/L	E	03/29/07	SW846 3020A	SW846 6020
Calcium - Dissolved	260000		260	10000	20	ug/L		03/27/07	SW846 3020A	SW846 6020
Chromium - Dissolved	2400		3.2	10	10	ug/L	E	03/29/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	2900		0.26	10	10	ug/L	E	03/29/07	SW846 3020A	SW846 6020
Copper - Dissolved	4100		5.9	10	10	ug/L	E	03/29/07	SW846 3020A	SW846 6020
Hardness - Dissolved	1500		3.0	40	20	mg/L		03/27/07	SW846 3020A	6020/2340B
Iron - Dissolved	2.1E+6		460	2500	50	ug/L	E	03/29/07	SW846 3020A	SW846 6020
Lead - Dissolved	2.1	B	0.49	10	10	ug/L	A	03/29/07	SW846 3020A	SW846 6020
Lithium - Dissolved	310		0.25	0.50	1	ug/L		03/21/07	EPA 3020	EPA 6020
Magnesium - Dissolved	190000		91	10000	20	ug/L		03/27/07	SW846 3020A	SW846 6020
Manganese - Dissolved	19000		2.3	20	20	ug/L	E	03/27/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	6.1	U	6.1	100	10	ug/L	C	03/29/07	SW846 3020A	SW846 6020
Nickel - Dissolved	7200		3.2	10	10	ug/L	E	03/29/07	SW846 3020A	SW846 6020
Potassium - Dissolved	57	U	57	5000	10	ug/L	CA	03/29/07	SW846 3020A	SW846 6020
Selenium - Dissolved	8.5	B	6.7	10	10	ug/L		03/29/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.34	U	0.34	5.0	10	ug/L	C	03/29/07	SW846 3020A	SW846 6020
Sodium - Dissolved	7600		170	5000	10	ug/L		03/29/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.53	U	0.53	10	10	ug/L	C	03/29/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	130		1.0	10	10	ug/L	E	03/29/07	SW846 3020A	SW846 6020
Zinc - Dissolved	3000		9.8	100	10	ug/L		03/29/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	5.95		0.163	0.500	1	ng/L		03/20/07	EPA 1631E	EPA 1631E

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Analytical Report Number: 881580

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : MW-5

Matrix Type : WATER
Collection Date : 03/14/07
Report Date : 03/30/07
Lab Sample Number : 881580-004

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	410		6.3	50	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	120		0.13	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Barium - Dissolved	220		0.12	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.11	B	0.10	1.0	1	ug/L	A	03/27/07	SW846 3020A	SW846 6020
Boron - Dissolved	420		4.4	100	1	ug/L		03/29/07	SW846 6010B	SW846 6010B
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Calcium - Dissolved	50000		13	500	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Chromium - Dissolved	11		0.32	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	4.8		0.026	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Copper - Dissolved	1.1		0.59	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Hardness - Dissolved	190		0.15	2.0	1	mg/L		03/27/07	SW846 3020A	6020/2340B
Iron - Dissolved	170000		93	500	10	ug/L		03/27/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.33	B	0.049	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Lithium - Dissolved	0.70		0.25	0.50	1	ug/L		03/21/07	EPA 3020	EPA 6020
Magnesium - Dissolved	17000		4.6	500	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Manganese - Dissolved	4100		0.12	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	3.0	B	0.61	10	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Nickel - Dissolved	26		0.32	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Potassium - Dissolved	11000		5.7	500	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Selenium - Dissolved	1.2		0.67	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.034	U	0.034	0.50	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Sodium - Dissolved	17	U	17	500	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	24		0.10	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Zinc - Dissolved	26		0.98	10	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.916		0.163	0.500	1	ng/L		03/20/07	EPA 1631E	EPA 1631E

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Analytical Report Number: 881580

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT
Project Number : 06W003
Field ID : TRIP BLANK 5

Matrix Type : WATER
Collection Date : 03/14/07
Report Date : 03/30/07
Lab Sample Number : 881580-005

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/16/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/16/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	91		64	132	1	%		03/16/07	SW846 5030B	SW846 8260B
Toluene-d8	100		73	127	1	%		03/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	101		68	122	1	%		03/16/07	SW846 5030B	SW846 8260B

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Lab Number	TestGroupID	Field ID	Comment
881580-	Metals 6020	All Samples	Internal standard limits of 30-140% used. All QC within limits.
881580-002	M-ZN-D	MW-601	A - Analyte is detected in the method blank at a concentration of 1.06 ug/L.
881580-002	PCB-W	MW-601	Inadequate sample volume received to perform the method required MS/MSD.
881580-002	W-CL-W	MW-601	A - Analyte is detected in the method blank at a concentration of 2.27 mg/L.
881580-002	W-SULF-W	MW-601	Inadequate sample volume received to perform the method required MS/MSD.
881580-003	M-BA-D	MW-102	A - Analyte is detected in the method blank at a concentration of 0.15 ug/L.
881580-003	M-K-D	MW-102	A - Analyte is detected in the method blank at a concentration of -7.3 ug/L.
881580-003	M-PB-D	MW-102	A - Analyte is detected in the method blank at a concentration of 0.13 ug/L.
881580-004	M-BE-D	MW-5	A - Analyte is detected in the method blank at a concentration of 0.12 ug/L.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	881580-001	881580-002	881580-003	881580-004	881580-005
ALKALINITY, BICARB/CARB/TOTAL		B			
ALUMINUM - DISSOLVED		B	B	B	
ANTIMONY - DISSOLVED		B	B	B	
ARSENIC - DISSOLVED		B	B	B	
BARIUM - DISSOLVED		B	B	B	
BERYLLIUM - DISSOLVED		B	B	B	
BORON - DISSOLVED		B	B	B	
CADMIUM - DISSOLVED		B	B	B	
CALCIUM - DISSOLVED		B	B	B	
CHLORIDE		B			
CHROMIUM - DISSOLVED		B	B	B	
COBALT - DISSOLVED		B	B	B	
COPPER - DISSOLVED		B	B	B	
CYANIDE, TOTAL		B			
FLUORIDE		B			
HARDNESS - DISSOLVED		B	B	B	
IRON - DISSOLVED		B	B	B	
LEAD - DISSOLVED		B	B	B	
LITHIUM - DISSOLVED		M	M	M	
MAGNESIUM - DISSOLVED		B	B	B	
MANGANESE - DISSOLVED		B	B	B	
MERCURY - LOW LEVEL - DISSOLVE			K	K	
MOLYBDENUM - DISSOLVED		B	B	B	
NICKEL - DISSOLVED		B	B	B	
NITROGEN, AMMONIA		B			
NITROGEN, NITRATE		B			
NITROGEN, NITRITE		B			
PAH/PNA		B			
PCB		K			
POTASSIUM - DISSOLVED		B	B	B	
SELENIUM - DISSOLVED		B	B	B	
SILVER - DISSOLVED		B	B	B	
SODIUM - DISSOLVED		B	B	B	
SULFATE		B			
SULFIDE		B			
THALLIUM - DISSOLVED		B	B	B	
VANADIUM - DISSOLVED		B	B	B	
VOLATILES 3.4 LIST (TOT 12DCE & T	G				G
ZINC - DISSOLVED		B	B	B	

Code	MI Certification
B	Not Certified
G	Not Certified
K	Not Certified
M	Not Certified

Pace Analytical Services, Inc.

1241 Bellevue Street
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QC Summary

Batch Number: 881580
Lab Section: METALS-K
QC Batch Number: 19036
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-078	MBWMTK0966-078
MB	MBMTK0966-078	MBMTK0966-078
MB2	MB2WMTK0966-078	MB2WMTK0966-078
MB3	MB3WMTK0966-078	MB3WMTK0966-078
IPR	IPRWMTK0966-078	IPRWMTK0966-078
OPR	OPRWMTK0966-078	OPRWMTK0966-078
MS	881546-002MS	881546-002MS
MS	881479-001MS	881479-001MS
MS	881423-006MS	881423-006MS
MSD	881546-002MSD	881546-002MSD
MSD	881479-001MSD	881479-001MSD
MSD	881423-006MSD	881423-006MSD

Client Sample ID	Lab Sample ID
MW-102	881580-003
MW-5	881580-004

Client Sample ID	Lab Sample ID
MW-102	881580-003
MW-5	881580-004

Test Name	Method Blank Result	Conc	Method Blank 2 Result	Conc	Method Blank 3 Result	Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	%	OPR Recovery Conc	%	IPR/OPR Control Limits LCL %	UCL %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Diss	<	0.163	<	0.163		0.46	5	4.9	97.6	4.6	91.5	79	121	881423-006		1.2	5.0	5.6	88.3		5.0	5.7	89.9		1.4			75	125	24
Mercury - Low Level - Diss														881546-002		1.0	5.0	5.1	80.4		5.0	5.2	83.4		3.0			75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 3/30/2007
QC Batch Number: 19036

Sample Condition Upon Receipt

Pace Analytical

Client Name: NorthJackson Project # 881580

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used JB **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 3.0 **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C **Comments:**

Date and initials of person examining contents: 3-15-07 cg (3/15/07)

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3. *
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. Nitrate
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WD		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed: cg — Lot # of added preservative:
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16. 2-40ml HCL cg 3-15-07
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: Relinquisher misdated 3-14-06 instead of 3-14-07 on COC. cg 3-15-07

Project Manager Review: AH for TN **Date:** 4/2/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 017873

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other NaOH Zn Ac

Company Name:	North Jackson
Branch/Location:	Mary MI
Project Contact:	
Phone:	
Project Number:	
Project Name:	Humboldt
Project State:	MI
Sampled By (Print):	P Saber
Sampled By (Sign):	P Saber
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	J Kos
Mail To Company:	FWD
Mail To Address:	Green Bay WI
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SL = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: FILTERED? (YES/NO)	Y/N	N	N	N	Y			Y
					PRESERVATION (CODE)*	Pick Letter	A	B	C	D		G	J	A
001	PW-4	3-14-07	1200	W			1	3		4 frag A		3-40ml B		
002	MW-601		1110	W			4		1	2	1	1		
003	MW-102		1130	W						2			1	
004	MW-5		1230	W			1			2			1	
005	Trip Blank 5		—	DI				2						

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
Partial – More Coming		
Partial – More Coming	3 frag A 1-250ml D 1-500ml D Long List	
Partial – More Coming	500ml D	
Partial – Complete Set	4 frag A 500ml D 2 frag A 500ml D 250ml D	
	2-40ml B	

Fed Ex 7796 0351 9377

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
P Saber	3-14-06	Fed Ex	
Relinquished By:	Date/Time:	Received By:	Date/Time:
Fed Ex	3-15-07 09:00		3-15-07 0900
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.
881580

Receipt Temp = 3.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / ~~Not Present~~
Intact / Not Intact

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881580
Lab Section: BNASIM
QC Batch Number: 19028
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog2114-25MB	svog2114-25MB
LCS	svog2114-25LCS	svog2114-25LCS
MS	881660-002MS	881660-002MS
MSD	881660-002MSD	881660-002MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	881580-002	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result		Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086		0.20	0.16	81		---	---	---		---		40	126	23	---		---	---	---	---		---	---	---		---		---	---	---
Acenaphthylene	<	0.0086		0.20	0.16	79		---	---	---		---		39	127	24	---		---	---	---	---		---	---	---		---		---	---	---
Anthracene	<	0.012		0.20	0.19	95		---	---	---		---		39	139	27	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(a)anthracene	<	0.017		0.20	0.2	99		---	---	---		---		48	146	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(a)pyrene	<	0.019		0.20	0.19	94		---	---	---		---		61	136	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(b)fluoranthene	<	0.017		0.20	0.21	107		---	---	---		---		51	141	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(ghi)perylene	<	0.02		0.20	0.17	87		---	---	---		---		57	136	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(k)fluoranthene	<	0.02		0.20	0.2	101		---	---	---		---		61	149	20	---		---	---	---	---		---	---	---		---		---	---	---
Chrysene	<	0.02		0.20	0.19	96		---	---	---		---		61	150	20	---		---	---	---	---		---	---	---		---		---	---	---
Dibenz(a,h)anthracene	<	0.02		0.20	0.16	79		---	---	---		---		46	150	20	---		---	---	---	---		---	---	---		---		---	---	---
Fluoranthene	<	0.016		0.20	0.21	105		---	---	---		---		48	145	20	---		---	---	---	---		---	---	---		---		---	---	---
Fluorene	<	0.0096		0.20	0.17	84		---	---	---		---		40	131	25	---		---	---	---	---		---	---	---		---		---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02		0.20	0.17	84		---	---	---		---		54	143	20	---		---	---	---	---		---	---	---		---		---	---	---
Naphthalene	<	0.013		0.20	0.16	80		---	---	---		---		45	131	30	---		---	---	---	---		---	---	---		---		---	---	---
Phenanthrene	<	0.012		0.20	0.19	93		---	---	---		---		40	131	25	---		---	---	---	---		---	---	---		---		---	---	---
Pyrene	<	0.015		0.20	0.19	94		---	---	---		---		55	135	20	---		---	---	---	---		---	---	---		---		---	---	---
Nitrobenzene-d5		70%		---	---	64		---	---	---		---		10	150	---	---		---	---	---	---		---	---	---		---		---	---	---
2-Fluorobiphenyl		72%		---	---	72		---	---	---		---		20	111	---	---		---	---	---	---		---	---	---		---		---	---	---
Terphenyl-d14		84%		---	---	92		---	---	---		---		44	115	---	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(a)anthracene		---		0	---	---		---	---	---		---		---	---	---	881660-002	<	0.091	0.19	0.19	101		0.19	0.21	110		8.5		45	150	20
Benzo(a)pyrene		---		0	---	---		---	---	---		---		---	---	---	881660-002	<	0.11	0.19	0.18	98		0.19	0.2	108		10.4		72	129	20
Benzo(b)fluoranthene		---		0	---	---		---	---	---		---		---	---	---	881660-002	<	0.091	0.19	0.19	100		0.19	0.2	107		6.1		72	134	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19028

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzo(k)fluoranthene	---	0	---	---		---	---	---		---		---	---	---	881660-002	<	0.11	0.19	0.19	99		0.19	0.21	112		12.9		75	129	20
Chrysene	---	0	---	---		---	---	---		---		---	---	---	881660-002	<	0.11	0.19	0.19	102		0.19	0.21	113		10.3		71	136	20
Dibenz(a,h)anthracene	---	0	---	---		---	---	---		---		---	---	---	881660-002	<	0.11	0.19	0.12	63		0.19	0.12	66		3.6		43	150	20
Indeno(1,2,3-cd)pyrene	---	0	---	---		---	---	---		---		---	---	---	881660-002	<	0.11	0.19	0.13	70	N	0.19	0.14	75		6.7		71	140	20
Naphthalene	---	0	---	---		---	---	---		---		---	---	---	881660-002		0.49	0.19	0.61	68		0.19	0.56	38	N	9.7		53	107	31
Nitrobenzene-d5	---	---	---	---		---	---	---		---		---	---	---	881660-002		0%	---	---	98		---	---	80		---		10	150	---
2-Fluorobiphenyl	---	---	---	---		---	---	---		---		---	---	---	881660-002		0%	---	---	77		---	---	64		---		20	111	---
Terphenyl-d14	---	---	---	---		---	---	---		---		---	---	---	881660-002		1%	---	---	106		---	---	98		---		44	115	---

Conc = ug/L unless otherwise noted
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Report Date: 9/4/2007
QC Batch Number: 19028

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881580
Lab Section: METALS
QC Batch Number: 18922
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBDMTG2102-42	MBDMTG2102-42
LCS	LCSDMTG2102-42	LCSDMTG2102-42
MS	MW-601MS	881580-002MS
MSD	MW-601MSD	881580-002MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	881580-002	MB
MW-5	881580-004	MB

Client Sample ID	Lab Sample ID	MB ID
MW-102	881580-003	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum - Dissolved	<	6.3	10000	9737	97.4		---	---	---		---		75	125	20	881580-002		45.470	10000	9276	92.3		10000	9428	93.8		1.6		75	125	20
Antimony - Dissolved	<	0.24	200.0	194.6	97.3		---	---	---		---		75	125	20	881580-002	<	0.24	200.0	199.9	99.9		200.0	202.5	101.2		1.3		75	125	20
Arsenic - Dissolved	J	0.22	200.0	180.6	90.3		---	---	---		---		75	125	20	881580-002		23.66	200.0	219.9	98.1		200.0	220.6	98.5		0.3		75	125	20
Barium - Dissolved	J	0.15	200.0	188.3	94.2		---	---	---		---		75	125	20	881580-002		270.8	200.0	478.3	103.8		200.0	481.7	105.4		0.7		75	125	20
Beryllium - Dissolved	J	0.12	200.0	182.7	91.3		---	---	---		---		75	125	20	881580-002	<	0.1	200.0	162.1	81.1		200.0	162.9	81.4		0.5		75	125	20
Cadmium - Dissolved	<	0.12	200.0	182.4	91.2		---	---	---		---		75	125	20	881580-002	<	0.12	200.0	184.1	92.1		200.0	184.3	92.2		0.1		75	125	20
Calcium - Dissolved	<	13	10000	9874	98.7		---	---	---		---		75	125	20	881580-002		99000	10000	110000	127.7	+	10000	110000	154.7	+	2.4		75	125	20
Chromium - Dissolved	<	0.32	200.0	185.7	92.8		---	---	---		---		75	125	20	881580-002		2.560	200.0	186	91.7		200.0	190.4	93.9		2.3		75	125	20
Cobalt - Dissolved	J	0.1	200.0	182.5	91.2		---	---	---		---		75	125	20	881580-002		7.830	200.0	186.5	89.3		200.0	189.6	90.9		1.6		75	125	20
Copper - Dissolved	<	0.59	200.0	183.4	91.7		---	---	---		---		75	125	20	881580-002	<	0.59	200.0	174.4	87.2		200.0	175.3	87.7		0.5		75	125	20
Iron - Dissolved	<	9.3	10000.0	9370	93.7		---	---	---		---		75	125	20	881580-002		62900.0	10000.0	75440	125.4	+	10000.0	78360	154.6	+	3.8		75	125	20
Lead - Dissolved	J	0.13	200.0	191	95.5		---	---	---		---		75	125	20	881580-002	<	0.049	200.0	196.4	98.2		200.0	199.2	99.6		1.4		75	125	20
Magnesium - Dissolved	J	6.2	10000.0	9676	96.8		---	---	---		---		75	125	20	881580-002		24250.0	10000.0	34370	101.2		10000.0	35530	112.8		3.3		75	125	20
Manganese - Dissolved	J	0.55	200.00	184	92.0		---	---	---		---		75	125	20	881580-002		6931.0	200.00	7352	210.5	+	200.00	7674	371.5	+	4.3		75	125	20
Molybdenum - Dissolved	<.	0.61	200.0	183.6	91.8		---	---	---		---		75	125	20	881580-002		3.900	200.0	189.7	92.9		200.0	191.5	93.8		0.9		75	125	20
Nickel - Dissolved	<	0.32	200.0	180.3	90.2		---	---	---		---		75	125	20	881580-002		7.180	200.0	182.6	87.7		200.0	183.1	88.0		0.3		75	125	20
Potassium - Dissolved	<	5.7	10000.0	9958	99.6		---	---	---		---		75	125	20	881580-002		8857.00	10000.0	19040	101.8		10000.0	19290	104.3		1.3		75	125	20
Selenium - Dissolved	<	0.67	200.0	173.3	86.7		---	---	---		---		75	125	20	881580-002		1.010	200.0	189	94.0		200.0	191.5	95.2		1.3		75	125	20
Silver - Dissolved	<	0.034	100	90.1	90.1		---	---	---		---		75	125	20	881580-002	<	0.034	100	71.4	71.4	N	100	80.4	80.4		11.9		75	125	20
Sodium - Dissolved	<	17	10000.0	9514	95.1		---	---	---		---		75	125	20	881580-002		17850.0	10000.0	27590	97.4		10000.0	28210	103.6		2.2		75	125	20
Thallium - Dissolved	J	0.09	200.0	184.9	92.4		---	---	---		---		75	125	20	881580-002	<	0.053	200.0	190.3	95.2		200.0	193.9	96.9		1.9		75	125	20
Vanadium - Dissolved	J	0.14	200.0	185.7	92.8		---	---	---		---		75	125	20	881580-002		4.750	200.0	188.2	91.7		200.0	193.5	94.4		2.8		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18922

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Zinc - Dissolved	J	1.1	200.0	179.5	89.8		---	---	---		---		75	125	20	881580-002	6.680	200.0	185.1	89.2		200.0	183.7	88.5		0.8		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18922

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 881580
Lab Section: METALS
QC Batch Number: 19281
Prep Method: SW846 6010B
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBDMTG2060-74	MBDMTG2060-74
LCS	LCSDMTG2060-74	LCSDMTG2060-74
MS	882014-001MS	882014-001MS
MSD	882014-001MSD	882014-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	881580-002	MB
MW-5	881580-004	MB

Client Sample ID	Lab Sample ID	MB ID
MW-102	881580-003	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Boron - Dissolved	< 4.4	500.0	488.6	97.7		---	---	---		---		75	125	20	882014-001	13.57	500.0	498.8	97.1		500.0	510.5	99.4		2.3		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19281

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881580
Lab Section: METALS-K
QC Batch Number: 19036
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-078	MBWMTK0966-078
MB	MBMTK0966-078	MBMTK0966-078
IPR	IPRWMTK0966-078	IPRWMTK0966-078
OPR	OPRWMTK0966-078	OPRWMTK0966-078
MS	881546-002MS	881546-002MS
MS	881479-001MS	881479-001MS
MS	881423-006MS	881423-006MS
MSD	881546-002MSD	881546-002MSD
MSD	881479-001MSD	881479-001MSD
MSD	881423-006MSD	881423-006MSD

Client Sample ID MW-102 **Lab Sample ID** 881580-003 **MB ID** MB

Client Sample ID MW-5 **Lab Sample ID** 881580-004 **MB ID** MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Dissol	<	0.163	0	---	---		---	---	---		---			---	---	---	881423-006	1.2	5.0	5.6	88.3		5.0	5.7	89.9		1.4			75	125	24
Mercury - Low Level - Dissol	<	0.163	0	---	---		---	---	---		---			---	---	---	881546-002	1.0	5.0	5.1	80.4		5.0	5.2	83.4		3.0			75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 19036

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881580
Lab Section: PCB-K
QC Batch Number: 18883
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-056PCBMB	SVG2057-056PCBMB
LCS	SVG2057-056PCBLCS	SVG2057-056PCBLCS
LCSD	SVG2057-056PCBLCSD	SVG2057-056PCBLCSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
MW-601	881580-002	MB			

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.12	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1221	<	0.12	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1232	<	0.12	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1242	<	0.12	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1248	<	0.12	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1254	<	0.12	0	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Aroclor 1260	<	0.12	5.0	4	80		5.0	4.3	86		7.5		47	138	20	---		---	---	---	---		---	---	---		---		---	---	---
Total PCBs	<	0.12	---	---	---		---	---	---		---		---	---	---	---		---	---	---	---		---	---	---		---		---	---	---
Tetrachloro-m-xylene		76%	---	---	84		---	---	79		---		42	122	---	---		---	---	---	---		---	---	---		---		---	---	---
Decachlorobiphenyl		85%	---	---	80		---	---	90		---		10	128	---	---		---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 18883

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881580
Lab Section: VOA
QC Batch Number: 18878
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2168-03MB	vog2168-03MB
LCS	vog2168-03LCS	vog2168-03LCS
LCSD	vog2168-03LCSD	vog2168-03LCSD
MS	881567-003MS	881567-003MS
MSD	881567-003MSD	881567-003MSD

Client Sample ID	Lab Sample ID	MB ID
PW-4	881580-001	MB

Client Sample ID	Lab Sample ID	MB ID
TRIP BLANK 5	881580-005	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	<	0.9	50.0	54.9	110		50.0	54.1	108		1.4			75	128	20	881567-003	<	0.9	50.0	55	110		50.0	55.5	111		0.9			70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	52.3	105		50.0	51.9	104		0.9			67	125	20	881567-003	<	0.2	50.0	52	104		50.0	52.6	105		1.3			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	53.2	106		50.0	53.2	106		0.0			75	125	20	881567-003	<	0.42	50.0	52.5	105		50.0	53.3	107		1.6			70	130	30
1,1-Dichloroethane	<	0.75	50.0	56.8	114		50.0	55.3	111		2.7			71	130	20	881567-003	<	0.75	50.0	55.8	112		50.0	57.6	115		3.2			70	130	30
1,1-Dichloroethene	<	0.57	50.0	61.5	123		50.0	60.8	122		1.2			75	125	20	881567-003	<	0.57	50.0	59.3	119		50.0	61.9	124		4.3			70	135	30
1,2-Dichloroethane	<	0.36	50.0	54.2	108		50.0	54.1	108		0.1			71	132	20	881567-003	<	0.36	50.0	52.8	106		50.0	55.1	110		4.1			70	130	30
1,2-Dichloroethene, Total	<	1.4	100.0	111.9	112		100.0	111	111		0.8			75	125	20	881567-003		0.000	100.0	110.9	111		100.0	113.5	114		2.3			70	130	30
1,2-Dichloropropane	<	0.46	50.0	52.4	105		50.0	50.8	102		3.2			73	125	20	881567-003	<	0.46	50.0	52.2	104		50.0	53.3	107		2.1			70	130	30
2-Butanone	<	4.3	50.0	50.8	102		50.0	50.6	101		0.5			59	130	20	881567-003		0.00	50.0	49.7	99		50.0	52.1	104		4.7			51	130	30
2-Hexanone	<	1.1	50.0	52.3	105		50.0	50.8	102		3.0			51	125	20	881567-003		0.00	50.0	50.1	100		50.0	50.5	101		0.8			53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	53.6	107		50.0	52	104		3.1			59	125	20	881567-003		0.00	50.0	52.5	105		50.0	53.4	107		1.7			62	130	30
Acetone	<	2.3	50.0	52.8	106		50.0	51.2	102		3.1			31	150	20	881567-003		0.00	50.0	53.2	106		50.0	53.8	108		1.2			42	132	30
Benzene	<	0.41	50.0	54.8	110		50.0	54.2	108		1.1			75	125	20	881567-003	<	0.41	50.0	54.2	108		50.0	56.2	112		3.5			70	130	30
Bromodichloromethane	<	0.56	50.0	53.1	106		50.0	51.8	104		2.4			75	125	20	881567-003	<	0.56	50.0	53.4	107		50.0	53	106		0.7			70	130	30
Bromoform	<	0.94	50.0	48.2	96		50.0	47.8	96		0.9			75	125	20	881567-003	<	0.94	50.0	47.9	96		50.0	48.8	98		1.7			70	130	30
Bromomethane	<	0.91	50.0	36.3	73		50.0	40.7	81		11.4			66	125	20	881567-003	<	0.91	50.0	40.6	81		50.0	42.3	85		4.1			63	147	30
Carbon Disulfide	<	0.66	50.0	54.1	108		50.0	54.7	109		1.2			71	128	20	881567-003		0.00	50.0	53.2	106		50.0	54.9	110		3.1			56	142	30
Carbon Tetrachloride	<	0.49	50.0	57.2	114		50.0	56.9	114		0.4			75	125	20	881567-003	<	0.49	50.0	57.2	114		50.0	59.9	120		4.7			70	131	30
Chlorobenzene	<	0.41	50.0	54.3	109		50.0	52.3	105		3.8			75	125	20	881567-003	<	0.41	50.0	53.3	107		50.0	53.8	108		1.0			70	130	30
Chlorodibromomethane	<	0.81	50.0	53.1	106		50.0	52.1	104		1.8			75	125	20	881567-003	<	0.81	50.0	53.4	107		50.0	53.9	108		0.9			70	130	30
Chloroethane	<	0.97	50.0	52.7	105		50.0	51.5	103		2.4			72	126	20	881567-003	<	0.97	50.0	51.2	102		50.0	50.2	100		1.9			67	138	30
Chloroform	<	0.37	50.0	57.3	115		50.0	55.6	111		3.0			75	125	20	881567-003	<	0.37	50.0	55.6	111		50.0	57.1	114		2.6			70	130	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 18878

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloromethane	<	0.24	50.0	37.9	76		50.0	39.5	79		4.3			46	143	20	881567-003	<	0.24	50.0	37.5	75		50.0	38.9	78		3.7			43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	49.8	100		50.0	48.8	98		2.0			75	125	20	881567-003	<	0.19	50.0	51.2	102		50.0	51.5	103		0.7			70	130	30
Ethylbenzene	<	0.54	50.0	55.6	111		50.0	54.3	109		2.3			75	125	20	881567-003	<	0.54	50.0	55.4	111		50.0	54.8	110		1.0			70	136	30
Methylene Chloride	<	0.43	50.0	53.3	107		50.0	52.5	105		1.6			75	125	20	881567-003	<	0.43	50.0	51.8	104		50.0	53.7	107		3.7			70	130	30
Styrene	<	0.86	50.0	54.7	109		50.0	53.4	107		2.3			75	125	20	881567-003	<	0.86	50.0	54.4	109		50.0	54.3	109		0.2			70	130	30
Tetrachloroethene	<	0.45	50.0	55.3	111		50.0	55.1	110		0.3			75	130	20	881567-003	<	0.45	50.0	55.3	111		50.0	54.2	108		2.1			70	130	30
Toluene	<	0.67	50.0	55.3	111		50.0	54.3	109		2.0			75	125	20	881567-003		0.922	50.0	55.6	109		50.0	55.4	109		0.5			70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	55.2	110		50.0	53.8	108		2.6			75	125	20	881567-003	<	0.19	50.0	54.9	110		50.0	55.2	110		0.4			70	130	30
Trichloroethene	<	0.48	50.0	54.9	110		50.0	54.1	108		1.5			75	125	20	881567-003	<	0.48	50.0	55.8	112		50.0	55.3	111		1.0			70	130	30
Vinyl Chloride	<	0.18	50.0	52	104		50.0	51.6	103		0.7			65	130	20	881567-003	<	0.18	50.0	48.6	97		50.0	50.5	101		3.9			62	138	30
Xylene, Total	<	2.6	150.0	161.8	108		150.0	158.5	106		2.1			75	125	20	881567-003		0.000	150.0	163.1	109		150.0	162.4	108		0.4			70	130	30
4-Bromofluorobenzene		92%	---	---	92		---	---	91		---			64	132	---	881567-003		92%	---	---	93		---	---	93		---			64	132	---
Toluene-d8		101%	---	---	102		---	---	100		---			73	127	---	881567-003		101%	---	---	101		---	---	101		---			73	127	---
Dibromofluoromethane		98%	---	---	98		---	---	99		---			68	122	---	881567-003		100%	---	---	99		---	---	103		---			68	122	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 18878

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881580
Lab Section: WETCHEM
QC Batch Number: 18860
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-093MB	WCG1919-093MB
LCS	WCG1919-093MBLCS	WCG1919-093MBLCS
MS	881479-001MS	881479-001MS
MSD	881479-001MSD	881479-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	881580-002	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	<	1.7	77.40	81.4	105.2		---	---	---		---			80	120	20	881479-001		145.2	100.0	250.1	104.9		100.0	250.1	104.9		0.0			80	120	20
Carbonate Alkalinity	<	1.7	0	---	---		---	---	---		---			---	---	---	881479-001	<	1.7	---	---	---		---	---	---		---			---	---	---
Total Alkalinity	<	1.7	77.40	81.4	105.2		---	---	---		---			80	120	20	881479-001		145.2	100.0	250.1	104.9		100.0	250.1	104.9		0.0			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18860

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881580
Lab Section: WETCHEM
QC Batch Number: 18869
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-094MB	WCG1919-094MB
LCS	WCG1919-094MBLCS	WCG1919-094MBLCS
LCSD	WCG1919-094MBLCSD	WCG1919-094MBLCSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	881580-002	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sulfide	<	2.5	45.2	42.8	94.7		45.2	46	101.8		7.2			80	120	20	---		---	---	---		---	---	---		---			---	---	---

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 18869

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881580
Lab Section: WETCHEM
QC Batch Number: 18880
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2138-039MB	WCG2138-039MB
LCS	WCG2138-039MBLCS	WCG2138-039MBLCS
MS	MW-601MS	881580-002MS
MSD	MW-601MSD	881580-002MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	881580-002	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	J	2.3	20.0	20.3	101.6		---	---	---		---			90	110	20	881580-002		6.87	20.0	26	95.6		20.0	26.2	96.5		0.7			90	110	20
Fluoride	<	0.059	2.0	2.1	106.5		---	---	---		---			90	110	20	881580-002		0.34	2.0	2.6	110.5		2.0	2.6	112.5	N	1.6			90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.7	108.1		---	---	---		---			90	110	20	881580-002	<	0.085	1.6	1.7	103.8		1.6	1.7	105.0		1.2			90	110	20
Nitrogen, Nitrite	<	0.036	0.80	0.81	101.2		---	---	---		---			90	110	20	881580-002	<	0.036	0.80	0.78	97.5		0.80	0.78	97.5		0.0			90	110	20
Sulfate	<	0.51	16.0	16.5	103.0		---	---	---		---			90	110	20	881580-002		9.29	16.0	26.5	107.6		16.0	26.5	107.5		0.0			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 18880

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881580
Lab Section: WETCHEM
QC Batch Number: 19073
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-052MB	WCG2151-052MB
LCS	WCG2151-052MBLCS	WCG2151-052MBLCS
MS	881681-001MS	881681-001MS
MS	MW-601MS	881580-002MS
MS	881388-001MS	881388-001MS
MSD	881681-001MSD	881681-001MSD
MSD	MW-601MSD	881580-002MSD
MSD	881388-001MSD	881388-001MSD

Client Sample ID: MW-601 Lab Sample ID: 881580-002 MB ID: MB

Client Sample ID: Lab Sample ID: MB ID:

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.11	108.1		---	---	---		---			90	110	20	881580-002	<	0.0094	0.10	0.11	111.0	N	0.10	0.11	110.3		0.7			90	110	20
Cyanide, Total	<	0.0094	0.10	0.11	108.1		---	---	---		---			90	110	20	881681-001		0.013	0.10	0.13	114.9	N	0.10	0.13	117.6	N	2.1			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19073

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881580
Lab Section: WETCHEM
QC Batch Number: 19092
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-054MB	WCG2151-054MB
LCS	WCG2151-054MBLCS	WCG2151-054MBLCS
MS	881742-001MS	881742-001MS
MS	881562-001MS	881562-001MS
MSD	881742-001MSD	881742-001MSD
MSD	881562-001MSD	881562-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-601	881580-002	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.2	10.0	10.3	103.3		---	---	---		---			90	110	20	881562-001	0.580	10.0	11	103.7		10.0	10.4	98.4		4.9			90	110	20
Nitrogen, Ammonia	<	0.2	10.0	10.3	103.3		---	---	---		---			90	110	20	881742-001	1.75	10.0	11.7	99.2		10.0	11.8	100.2		0.8			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19092

Batch No. 881778

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www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

April 2, 2007

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 881778 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Alex Kin for Tod N

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 881778

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
881778-001	MW-102	WATER	03/20/07 10:30
881778-002	PW-4	WATER	03/20/07 10:45

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Alle HN for Tod N
Approval Signature

4/2/07
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881778

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-102

Matrix Type : WATER
Collection Date : 03/20/07
Report Date : 03/30/07
Lab Sample Number : 881778-001

PAH/PNA

Prep Date: 03/27/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Acenaphthene	0.0096	U	0.0096	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Acenaphthylene	0.0095	U	0.0095	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Anthracene	0.014	U	0.014	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.018	U	0.018	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.022	U	0.022	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.018	U	0.018	0.056	1	ug/L	Z	03/27/07	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.023	U	0.023	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.023	U	0.023	0.056	1	ug/L	Z	03/27/07	SW846 3510C	8270C-SIM
Chrysene	0.022	U	0.022	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.022	U	0.022	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Fluoranthene	0.018	U	0.018	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Fluorene	0.011	U	0.011	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.022	U	0.022	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Naphthalene	0.027	J	0.015	0.056	1	ug/L	B	03/27/07	SW846 3510C	8270C-SIM
Phenanthrene	0.014	J	0.013	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Pyrene	0.017	U	0.017	0.056	1	ug/L		03/27/07	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**						
Nitrobenzene-d5	51		10	150	1	%		03/27/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	48		20	111	1	%		03/27/07	SW846 3510C	8270C-SIM
Terphenyl-d14	92		44	115	1	%		03/27/07	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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920-469-2436

Analytical Report Number: 881778

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-4

Matrix Type : WATER
Collection Date : 03/20/07
Report Date : 03/30/07
Lab Sample Number : 881778-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	220		6.3	50	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.24	U	0.24	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	25		0.13	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Barium - Dissolved	60		0.12	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.11	B	0.10	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Boron - Dissolved	98		1.2	10	1	ug/L	N	03/27/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.12	U	0.12	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Calcium - Dissolved	27000		13	500	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Chromium - Dissolved	3.4		0.32	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	15		0.026	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Hardness - Dissolved	120		0.15	2.0	1	mg/L		03/27/07	SW846 3020A	6020/2340B
Iron - Dissolved	74000		93	500	10	ug/L		03/29/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.14	B	0.049	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Lithium - Dissolved	0.49		0.050	0.10	1	ug/L		03/27/07	EPA 3020	EPA 6020
Magnesium - Dissolved	14000		4.6	500	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Manganese - Dissolved	6100		1.2	10	10	ug/L		03/29/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	0.89	B	0.61	10	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Nickel - Dissolved	16		0.32	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Potassium - Dissolved	4300		5.7	500	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.090	B	0.034	0.50	1	ug/L	A	03/29/07	SW846 3020A	SW846 6020
Sodium - Dissolved	11000		17	500	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.053	U	0.053	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	6.4		0.10	1.0	1	ug/L		03/27/07	SW846 3020A	SW846 6020
Zinc - Dissolved	11		0.98	10	1	ug/L	A	03/27/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	2.64		0.163	0.163	1	ng/L	V	03/27/07	EPA 1631E	EPA 1631E

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Lab Number	TestGroupID	Field ID	Comment
881778-001	PAH-W	MW-102	Inadequate sample volume received to perform the method required MS/MSD.
881778-001	PAH-W	MW-102	B - Naphthalene present in Extraction blank at 0.016ug/l.
881778-002	M-AG-D	PW-4	A - Analyte is detected in the method blank at a concentration of -0.040 ug/L.
881778-002	M-HGLL-D	PW-4	
881778-002	M-ZN-D	PW-4	A - Analyte is detected in the method blank at a concentration of 2.9 ug/L.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	881778-001	881778-002
ALUMINUM - DISSOLVED		B
ANTIMONY - DISSOLVED		B
ARSENIC - DISSOLVED		B
BARIUM - DISSOLVED		B
BERYLLIUM - DISSOLVED		B
BORON - DISSOLVED		B
CADMIUM - DISSOLVED		B
CALCIUM - DISSOLVED		B
CHROMIUM - DISSOLVED		B
COBALT - DISSOLVED		B
COPPER - DISSOLVED		B
HARDNESS - DISSOLVED		B
IRON - DISSOLVED		B
LEAD - DISSOLVED		B
LITHIUM - DISSOLVED		M
MAGNESIUM - DISSOLVED		B
MANGANESE - DISSOLVED		B
MERCURY - LOW LEVEL - DISSOLVE		K
MOLYBDENUM - DISSOLVED		B
NICKEL - DISSOLVED		B
PAH/PNA	B	
POTASSIUM - DISSOLVED		B
SELENIUM - DISSOLVED		B
SILVER - DISSOLVED		B
SODIUM - DISSOLVED		B
THALLIUM - DISSOLVED		B
VANADIUM - DISSOLVED		B
ZINC - DISSOLVED		B

Code	MI Certification
B	Not Certified
K	Not Certified
M	Not Certified

Pace Analytical Services, Inc.

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Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch Number: 881778
Lab Section: METALS-K
QC Batch Number: 19188
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-082	MBWMTK0966-082
MB	MBMTK0966-082	MBMTK0966-082
MB2	MB2WMTK0966-082	MB2WMTK0966-082
MB3	MB3WMTK0966-082	MB3WMTK0966-082
IPR	IPRWMTK0966-082	IPRWMTK0966-082
OPR	OPRWMTK0966-082	OPRWMTK0966-082
MS	PW-4MS	881778-002MS
MS	881754-002MS	881754-002MS
MSD	PW-4MSD	881778-002MSD
MSD	881754-002MSD	881754-002MSD

Client Sample ID	Lab Sample ID	Client Sample ID	Lab Sample ID
PW-4	881778-002	PW-4	881778-002

Test Name	Method Blank Result Conc	Method Blank 2 Result Conc	Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Diss	0.473	< 0.163	< 0.163	5	4.69	93.8	5.43	108.6	79	121	881778-002	2.64	10.0	12.5	98.8		10.0	12.1	94.3		3.7		75	125	24

Sample Condition Upon Receipt

Pace Analytical

Client Name: NORTH JACKSON Project # 881778

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace Other _____

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals Intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used JB **Type of Ice:** (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 20°C **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 3-21-07 bp CyL 3-21-07

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☐No ☒N/A	6.
Rush Turn Around Time Requested:	☐Yes ☐No ☒N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: GW		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed bp / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: RH for TN **Date:** 4/2/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Company Name:	North Jackson Co
Branch/Location:	Marquette, MI
Project Contact:	J. Kesy FVD
Phone:	
Project Number:	
Project Name:	Humboldt Mill
Project State:	MQT
Sampled By (Print):	Andrew Maracini
Sampled By (Sign):	
PO #:	Regulatory Program:

Pace Analytical® www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 017874

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	Foth VD
Mail To Address:	Green Bay WI
Invoice To Contact:	J. Kesy
Invoice To Company:	FVD
Invoice To Address:	Same
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Y/N	Pick Letter	1LAmber 1-500ml 1-250ml 1-500ml Glass			
001	MW-102	3/20/07	1030	GW	N	A	1	Partial (Long List) 1LAmber A		60
002	PW-4	3/20/07	1045	GW	Y	D	2	Complete (Long List)		A
					Y	A	1			

See FVD Parameter List

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
A. Maracini	3/20/07 1230		
Relinquished By:	Date/Time:	Received By:	Date/Time:
Fed Ex	3/21/07 0955	Brian Whitaker	3-21-07 0955
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.
88178

Receipt Temp = 2.0 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881778
Lab Section: BNASIM
QC Batch Number: 19212
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	SVOG2114-27MB	SVOG2114-27MB
LCS	SVOG2114-27LCS	SVOG2114-27LCS
LCSD	SVOG2114-27LCSD	SVOG2114-27LCSD

Client Sample ID	Lab Sample ID	MB ID
MW-102	881778-001	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.14	71		0.20	0.15	74		4.3		40	126	23	---		---	---	---	---		---	---	---		---		---	---	---
Acenaphthylene	<	0.0086	0.20	0.14	69		0.20	0.14	72		4.5		39	127	24	---		---	---	---	---		---	---	---		---		---	---	---
Anthracene	<	0.012	0.20	0.18	89		0.20	0.16	78		13.2		39	139	27	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(a)anthracene	<	0.017	0.20	0.14	71		0.20	0.14	71		0.0		48	146	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(a)pyrene	<	0.019	0.20	0.16	80		0.20	0.16	79		1.5		61	136	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.15	75		0.20	0.14	72		3.1		51	141	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(ghi)perylene	<	0.02	0.20	0.14	71		0.20	0.14	71		1.3		57	136	20	---		---	---	---	---		---	---	---		---		---	---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.18	89		0.20	0.16	88		1.8		61	149	20	---		---	---	---	---		---	---	---		---		---	---	---
Chrysene	<	0.02	0.20	0.17	84		0.20	0.17	84		1.0		61	150	20	---		---	---	---	---		---	---	---		---		---	---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.13	67		0.20	0.13	66		2.1		46	150	20	---		---	---	---	---		---	---	---		---		---	---	---
Fluoranthene	<	0.016	0.20	0.18	88		0.20	0.15	75		15.6		48	145	20	---		---	---	---	---		---	---	---		---		---	---	---
Fluorene	<	0.0096	0.20	0.14	72		0.20	0.15	73		1.0		40	131	25	---		---	---	---	---		---	---	---		---		---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.14	71		0.20	0.14	68		3.4		54	143	20	---		---	---	---	---		---	---	---		---		---	---	---
Naphthalene	J	0.016	0.20	0.15	75		0.20	0.15	77		2.0		45	131	30	---		---	---	---	---		---	---	---		---		---	---	---
Phenanthrene	<	0.012	0.20	0.16	79		0.20	0.13	66		17.1		40	131	25	---		---	---	---	---		---	---	---		---		---	---	---
Pyrene	<	0.015	0.20	0.15	73		0.20	0.15	75		2.2		55	135	20	---		---	---	---	---		---	---	---		---		---	---	---
Nitrobenzene-d5		69%	---	---	59		---	---	60		---		10	150	---	---		---	---	---	---		---	---	---		---		---	---	---
2-Fluorobiphenyl		70%	---	---	64		---	---	63		---		20	111	---	---		---	---	---	---		---	---	---		---		---	---	---
Terphenyl-d14		76%	---	---	78		---	---	79		---		44	115	---	---		---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19212

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881778
Lab Section: METALS
QC Batch Number: 19142
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBDMTG2102-46	MBDMTG2102-46
LCS	LCSDMTG2102-46	LCSDMTG2102-46
MS	PW-4MS	881778-002MS
MSD	PW-4MSD	881778-002MSD

Client Sample ID	Lab Sample ID	MB ID
PW-4	881778-002	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum - Dissolved	<	6.3	10000	9741	97.4		---	---	---		---			75	125	20	881778-002		217.90	10000	9398	91.8		10000	9418	92.0		0.2			75	125	20
Antimony - Dissolved	<	0.24	200.0	202.8	101.4		---	---	---		---			75	125	20	881778-002	<	0.24	200.0	199.5	99.8		200.0	194.6	97.3		2.5			75	125	20
Arsenic - Dissolved	<	0.13	200.0	196.3	98.2		---	---	---		---			75	125	20	881778-002		24.72	200.0	214.1	94.7		200.0	210.5	92.9		1.7			75	125	20
Barium - Dissolved	J	0.14	200.0	190.8	95.4		---	---	---		---			75	125	20	881778-002		59.87	200.0	249.3	94.7		200.0	242.4	91.3		2.8			75	125	20
Beryllium - Dissolved	<	0.1	200.0	187.1	93.6		---	---	---		---			75	125	20	881778-002		0.1100	200.0	167.5	83.7		200.0	164.5	82.2		1.8			75	125	20
Boron - Dissolved	<	1.2	200.0	174.9	87.4		---	---	---		---			75	125	20	881778-002		98.06	200.0	244.9	73.4	N	200.0	249.2	75.6		1.7			75	125	20
Cadmium - Dissolved	<	0.12	200.0	190.9	95.4		---	---	---		---			75	125	20	881778-002	<	0.12	200.0	185	92.5		200.0	178.8	89.4		3.4			75	125	20
Calcium - Dissolved	<	13	10000.0	9567	95.7		---	---	---		---			75	125	20	881778-002		26850.0	10000.0	36000	91.5		10000.0	35340	84.9		1.9			75	125	20
Chromium - Dissolved	<	0.32	200.0	196.7	98.3		---	---	---		---			75	125	20	881778-002		3.400	200.0	190.2	93.4		200.0	187.6	92.1		1.4			75	125	20
Cobalt - Dissolved	<	0.026	200.0	188.9	94.4		---	---	---		---			75	125	20	881778-002		14.88	200.0	197.2	91.2		200.0	194.8	90.0		1.2			75	125	20
Copper - Dissolved	<	0.59	200.0	190.2	95.1		---	---	---		---			75	125	20	881778-002	<	0.59	200.0	179.3	89.7		200.0	176.6	88.3		1.5			75	125	20
Iron - Dissolved	<	9.3	10000.0	9890	98.9		---	---	---		---			75	125	20	881778-002		74350.0	10000.0	83920	95.7	+	10000.0	84260	99.1	+	0.4			75	125	20
Lead - Dissolved	<	0.049	200.0	193.1	96.6		---	---	---		---			75	125	20	881778-002		0.1400	200.0	194.1	97.0		200.0	190.1	95.0		2.1			75	125	20
Magnesium - Dissolved	J	5.1	10000.0	9793	97.9		---	---	---		---			75	125	20	881778-002		13720.0	10000.0	22630	89.1		10000.0	22190	84.7		2.0			75	125	20
Manganese - Dissolved	J	0.15	200.00	197.3	98.7		---	---	---		---			75	125	20	881778-002		6121.0	200.00	6338	108.5	+	200.00	6226	52.5	+	1.8			75	125	20
Molybdenum - Dissolved	<	0.61	200.0	190.8	95.4		---	---	---		---			75	125	20	881778-002		0.8900	200.0	183.4	91.3		200.0	183.4	91.3		0.0			75	125	20
Nickel - Dissolved	<	0.32	200.0	192.5	96.2		---	---	---		---			75	125	20	881778-002		15.71	200.0	195.6	89.9		200.0	193.5	88.9		1.1			75	125	20
Potassium - Dissolved	<	5.7	10000.0	9435	94.3		---	---	---		---			75	125	20	881778-002		4284.00	10000.0	13620	93.4		10000.0	13520	92.4		0.7			75	125	20
Selenium - Dissolved	<	0.67	200.0	195	97.5		---	---	---		---			75	125	20	881778-002	<	0.67	200.0	182.8	91.4		200.0	179.7	89.8		1.7			75	125	20
Silver - Dissolved	<	0.034	100	95.5	95.5		---	---	---		---			75	125	20	881778-002		0.0900	100	91.4	91.3		100	93.6	93.5		2.4			75	125	20
Sodium - Dissolved	<	17	10000.0	9581	95.8		---	---	---		---			75	125	20	881778-002		11200.0	10000.0	20150	89.5		10000.0	19680	84.8		2.4			75	125	20
Thallium - Dissolved	<	0.053	200.0	184.5	92.2		---	---	---		---			75	125	20	881778-002	<	0.053	200.0	187.2	93.6		200.0	183.1	91.6		2.2			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19142

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Vanadium - Dissolved	<	0.1	200.0	194.7	97.3		---	---	---		---		75	125	20	881778-002	6.410	200.0	192.4	93.0		200.0	189	91.3		1.8		75	125	20
Zinc - Dissolved	J	2.9	200.0	192.3	96.2		---	---	---		---		75	125	20	881778-002	10.95	200.0	187	88.0		200.0	183.3	86.2		2.0		75	125	20

Conc = ug/L unless otherwise noted
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Report Date: 9/4/2007
QC Batch Number: 19142

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881778
Lab Section: METALS-K
QC Batch Number: 19188
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-082	MBWMTK0966-082
MB	MBMTK0966-082	MBMTK0966-082
IPR	IPRWMTK0966-082	IPRWMTK0966-082
OPR	OPRWMTK0966-082	OPRWMTK0966-082
MS	PW-4MS	881778-002MS
MS	881754-002MS	881754-002MS
MSD	PW-4MSD	881778-002MSD
MSD	881754-002MSD	881754-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PW-4	881778-002	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Dissol	0.473	0	---	---		---	---	---		---		---	---	---	881778-002	2.64	10.0	12.5	98.8		10.0	12.1	94.3		3.7		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19188

Batch No. 881861

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
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April 6, 2007

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of environmental samples and associated QC samples for the Humboldt Mill project (06W003). The samples were assigned to batch number 881861 for laboratory tracking purposes.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

alee for Tod N.

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 881861

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
881861-001	KMW-5	WATER	03/21/07 14:00
881861-002	MW-601	WATER	03/21/07 14:45
881861-003	PW-4	WATER	03/21/07 14:25
881861-004	MW-102	WATER	03/21/07 14:35

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

alee Wn for Tod N
Approval Signature

4/6/07
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 881861

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-5

Matrix Type : WATER
Collection Date : 03/21/07
Report Date : 04/05/07
Lab Sample Number : 881861-001

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Aluminum - Dissolved	6.3	U	6.3	50	1	ug/L		04/02/07	SW846 3020A	SW846 6020
Antimony - Dissolved	0.46	B	0.24	1.0	1	ug/L		04/04/07	SW846 3020A	SW846 6020
Arsenic - Dissolved	1.5		0.13	1.0	1	ug/L	A	04/04/07	SW846 3020A	SW846 6020
Barium - Dissolved	18		0.12	1.0	1	ug/L		04/04/07	SW846 3020A	SW846 6020
Beryllium - Dissolved	0.16	B	0.10	1.0	1	ug/L	A	04/04/07	SW846 3020A	SW846 6020
Boron - Dissolved	70		1.2	10	1	ug/L		04/04/07	SW846 3020A	SW846 6020
Cadmium - Dissolved	0.14	B	0.12	1.0	1	ug/L		04/04/07	SW846 3020A	SW846 6020
Calcium - Dissolved	37000		13	500	1	ug/L		04/02/07	SW846 3020A	SW846 6020
Chromium - Dissolved	0.32	U	0.32	1.0	1	ug/L		04/02/07	SW846 3020A	SW846 6020
Cobalt - Dissolved	58		0.026	1.0	1	ug/L		04/04/07	SW846 3020A	SW846 6020
Copper - Dissolved	0.59	U	0.59	1.0	1	ug/L		04/04/07	SW846 3020A	SW846 6020
Hardness - Dissolved	170		0.15	2.0	1	mg/L		04/02/07	SW846 3020A	6020/2340B
Iron - Dissolved	21000		9.3	50	1	ug/L		04/04/07	SW846 3020A	SW846 6020
Lead - Dissolved	0.19	B	0.049	1.0	1	ug/L	A	04/04/07	SW846 3020A	SW846 6020
Lithium - Dissolved	12		0.25	0.50	1	ug/L		03/27/07	EPA 3020	EPA 6020
Magnesium - Dissolved	19000		4.6	500	1	ug/L		04/02/07	SW846 3020A	SW846 6020
Manganese - Dissolved	2600		0.12	1.0	1	ug/L		04/04/07	SW846 3020A	SW846 6020
Molybdenum - Dissolved	4.0	B	0.61	10	1	ug/L		04/04/07	SW846 3020A	SW846 6020
Nickel - Dissolved	3.8		0.32	1.0	1	ug/L	E	04/04/07	SW846 3020A	SW846 6020
Potassium - Dissolved	4400		5.7	500	1	ug/L		04/02/07	SW846 3020A	SW846 6020
Selenium - Dissolved	0.67	U	0.67	1.0	1	ug/L		04/04/07	SW846 3020A	SW846 6020
Silver - Dissolved	0.080	B	0.034	0.50	1	ug/L	A	04/04/07	SW846 3020A	SW846 6020
Sodium - Dissolved	3400		17	500	1	ug/L		04/02/07	SW846 3020A	SW846 6020
Thallium - Dissolved	0.13	B	0.053	1.0	1	ug/L	A	04/04/07	SW846 3020A	SW846 6020
Vanadium - Dissolved	0.41	B	0.10	1.0	1	ug/L		04/04/07	SW846 3020A	SW846 6020
Zinc - Dissolved	13		0.98	10	1	ug/L	A	04/04/07	SW846 3020A	SW846 6020
Mercury - Low Level - Dissolved	0.684		0.163	0.500	1	ng/L		03/28/07	EPA 1631E	EPA 1631E
Bicarbonate Alkalinity	79		1.7	10	1	mg/L		03/29/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/29/07	SM 2320B	SM 2320B
Chloride	6.0		1.1	5.0	1	mg/L	N	03/22/07	EPA 300.0	EPA 300.0
Cyanide, Total	0.0094	U	0.0094	0.020	1	mg/L		03/28/07	EPA 335.4	EPA 335.4
Fluoride	0.21	B	0.059	0.50	1	mg/L		03/22/07	EPA 300.0	EPA 300.0
Nitrogen, Ammonia	0.54	B	0.50	1.0	1	mg/L		04/05/07	EPA 350.1	EPA 350.1
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/22/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/22/07	EPA 300.0	EPA 300.0
Sulfate	110		5.1	40	10	mg/L		03/23/07	EPA 300.0	EPA 300.0
Sulfide	2.5	U	2.5	5.0	1	mg/L		03/28/07	EPA 376.1	EPA 376.1
Total Alkalinity	79		1.7	10	1	mg/L		03/29/07	SM 2320B	SM 2320B

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/28/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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920-469-2436

Analytical Report Number: 881861

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-5

Matrix Type : WATER
Collection Date : 03/21/07
Report Date : 04/05/07
Lab Sample Number : 881861-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/28/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Acetone	4.2	J	2.3	5.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Chloroform	0.75	J	0.37	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Toluene	0.70	J	0.67	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Surrogate			LCL	UCL						
4-Bromofluorobenzene	88		64	132	1	%		03/28/07	SW846 5030B	SW846 8260B
Toluene-d8	102		73	127	1	%		03/28/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	100		68	122	1	%		03/28/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881861

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-601

Matrix Type : WATER
Collection Date : 03/21/07
Report Date : 04/05/07
Lab Sample Number : 881861-002

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Mercury - Low Level - Dissolved	0.785		0.163	0.500	1	ng/L		03/27/07	EPA 1631E	EPA 1631E

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date: 03/28/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U	0.90	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U	0.20	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U	0.42	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U	0.75	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U	0.57	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U	0.36	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U	1.4	2.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U	0.46	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
2-Butanone	4.3	U	4.3	5.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U	1.1	5.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U	1.2	5.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Acetone	2.3	U	2.3	5.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Benzene	0.41	U	0.41	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U	0.56	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Bromoform	0.94	U	0.94	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Bromomethane	0.91	U	0.91	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U	0.66	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U	0.49	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U	0.41	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U	0.81	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Chloroethane	0.97	U	0.97	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Chloroform	0.37	U	0.37	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Chloromethane	0.24	U	0.24	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U	0.54	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U	0.43	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Styrene	0.86	U	0.86	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U	0.45	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Toluene	0.67	U	0.67	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U	0.19	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U	0.48	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U	0.18	1.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U	2.6	3.0	1	ug/L		03/28/07	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**						
4-Bromofluorobenzene	88		64	132	1	%		03/28/07	SW846 5030B	SW846 8260B
Toluene-d8	101		73	127	1	%		03/28/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	100		68	122	1	%		03/28/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 881861

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-4

Matrix Type : WATER
Collection Date : 03/21/07
Report Date : 04/05/07
Lab Sample Number : 881861-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Bicarbonate Alkalinity	140		1.7	10	1	mg/L		03/29/07	SM 2320B	SM 2320B
Carbonate Alkalinity	1.7	U	1.7	10	1	mg/L		03/29/07	SM 2320B	SM 2320B
Chloride	4.0	B	1.1	5.0	1	mg/L		03/22/07	EPA 300.0	EPA 300.0
Fluoride	0.26	B	0.059	0.50	1	mg/L		03/22/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		03/22/07	EPA 300.0	EPA 300.0
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		03/22/07	EPA 300.0	EPA 300.0
Sulfate	48		0.51	4.0	1	mg/L		03/22/07	EPA 300.0	EPA 300.0
Total Alkalinity	140		1.7	10	1	mg/L		03/29/07	SM 2320B	SM 2320B

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Analytical Report Number: 881861

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-102

Matrix Type : WATER
Collection Date : 03/21/07
Report Date : 04/05/07
Lab Sample Number : 881861-004

PCB

Prep Date: 03/26/07

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date	Prep Method	Anl Method
Aroclor 1016	0.12	U	0.12	0.49	1	ug/L		03/28/07	SW846 3510C	SW846 8082
Aroclor 1221	0.12	U	0.12	0.49	1	ug/L		03/28/07	SW846 3510C	SW846 8082
Aroclor 1232	0.12	U	0.12	0.49	1	ug/L		03/28/07	SW846 3510C	SW846 8082
Aroclor 1242	0.12	U	0.12	0.49	1	ug/L		03/28/07	SW846 3510C	SW846 8082
Aroclor 1248	0.12	U	0.12	0.49	1	ug/L		03/28/07	SW846 3510C	SW846 8082
Aroclor 1254	0.12	U	0.12	0.49	1	ug/L		03/28/07	SW846 3510C	SW846 8082
Aroclor 1260	0.12	U	0.12	0.49	1	ug/L		03/28/07	SW846 3510C	SW846 8082
Total PCBs	0.12	U	0.12	0.49	1	ug/L		03/28/07	SW846 3510C	SW846 8082
Surrogate			**LCL**	**UCL**						
Tetrachloro-m-xylene	88		42	122	1	%		03/28/07	SW846 3510C	SW846 8082
Decachlorobiphenyl	96		10	128	1	%		03/28/07	SW846 3510C	SW846 8082

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Lab Number	TestGroupID	Field ID	Comment
881861-001	M-AG-D	KMW-5	A - Analyte is detected in the method blank at a concentration of 0.09 ug/L.
881861-001	M-AS-D	KMW-5	A - Analyte is detected in the method blank at a concentration of 0.14 ug/L.
881861-001	M-BE-D	KMW-5	A - Analyte is detected in the method blank at a concentration of 0.12 ug/L.
881861-001	M-PB-D	KMW-5	A - Analyte is detected in the method blank at a concentration of 0.10 ug/L.
881861-001	M-TL-D	KMW-5	A - Analyte is detected in the method blank at a concentration of 0.08 ug/L.
881861-001	M-ZN-D	KMW-5	A - Analyte is detected in the method blank at a concentration of 4.7 ug/L.
881861-001	W-SULF-W	KMW-5	Inadequate sample volume received to perform the method required MS/MSD.
881861-004	PCB-W	MW-102	Inadequate sample volume received to perform the method required MS/MSD.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	881861-001	881861-002	881861-003	881861-004
ALKALINITY, BICARB/CARB/TOTAL	B		B	
ALUMINUM - DISSOLVED	B			
ANTIMONY - DISSOLVED	B			
ARSENIC - DISSOLVED	B			
BARIUM - DISSOLVED	B			
BERYLLIUM - DISSOLVED	B			
BORON - DISSOLVED	B			
CADMIUM - DISSOLVED	B			
CALCIUM - DISSOLVED	B			
CHLORIDE	B		B	
CHROMIUM - DISSOLVED	B			
COBALT - DISSOLVED	B			
COPPER - DISSOLVED	B			
CYANIDE, TOTAL	B			
FLUORIDE	B		B	
HARDNESS - DISSOLVED	B			
IRON - DISSOLVED	B			
LEAD - DISSOLVED	B			
LITHIUM - DISSOLVED	M			
MAGNESIUM - DISSOLVED	B			
MANGANESE - DISSOLVED	B			
MERCURY - LOW LEVEL - DISSOLVE	K	K		
MOLYBDENUM - DISSOLVED	B			
NICKEL - DISSOLVED	B			
NITROGEN, AMMONIA	B			
NITROGEN, NITRATE	B		B	
NITROGEN, NITRITE	B		B	
PCB				K
POTASSIUM - DISSOLVED	B			
SELENIUM - DISSOLVED	B			
SILVER - DISSOLVED	B			
SODIUM - DISSOLVED	B			
SULFATE	B		B	
SULFIDE	B			
THALLIUM - DISSOLVED	B			
VANADIUM - DISSOLVED	B			
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G		
ZINC - DISSOLVED	B			

Code	MI Certification
B	Not Certified
G	Not Certified
K	Not Certified
M	Not Certified

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QC Summary

Batch Number: 881861
Lab Section: METALS-K
QC Batch Number: 19188
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-082	MBWMTK0966-082
MB	MBMTK0966-082	MBMTK0966-082
MB2	MB2WMTK0966-082	MB2WMTK0966-082
MB3	MB3WMTK0966-082	MB3WMTK0966-082
IPR	IPRWMTK0966-082	IPRWMTK0966-082
OPR	OPRWMTK0966-082	OPRWMTK0966-082
MS	881778-002MS	881778-002MS
MS	881754-002MS	881754-002MS
MSD	881778-002MSD	881778-002MSD
MSD	881754-002MSD	881754-002MSD

Client Sample ID	Lab Sample ID	Client Sample ID	Lab Sample ID
MW-601	881861-002	MW-601	881861-002

Test Name	Method Blank Result Conc		Method Blank 2 Result Conc		Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	%	OPR Recovery Conc	%	IPR/OPR Control Limits LCL %	UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Diss	0.473	<	0.163	<	0.163	5	4.69	93.8	5.43	108.6	79	121	881778-002	2.64	10.0	12.5	98.8		10.0	12.1	94.3		3.7		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 4/5/2007
QC Batch Number: 19188

Pace Analytical Services, Inc.

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QC Summary

Batch Number: 881861
Lab Section: METALS-K
QC Batch Number: 19258
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-83	MBWMTK0966-83
MB	MBMTK0966-83	MBMTK0966-83
MB2	MB2WMTK0966-83	MB2WMTK0966-83
MB3	MB3WMTK0966-83	MB3WMTK0966-83
IPR	IPRWMTK0966-83	IPRWMTK0966-83
OPR	OPRWMTK0966-83	OPRWMTK0966-83
MS	881922-001MS	881922-001MS
MS	881894-002MS	881894-002MS
MS	KMW-5MS	881861-001MS
MSD	881922-001MSD	881922-001MSD
MSD	881894-002MSD	881894-002MSD
MSD	KMW-5MSD	881861-001MSD

Client Sample ID	Lab Sample ID	Client Sample ID	Lab Sample ID
KMW-5	881861-001	KMW-5	881861-001

Test Name	Method Blank Result Conc	Method Blank 2 Result Conc	Method Blank 3 Result Conc	IPR/OPR Spiked Conc	IPR Recovery Conc	IPR Recovery %	OPR Recovery Conc	OPR Recovery %	IPR/OPR Control Limits LCL %	IPR/OPR Control Limits UCL %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Diss	0.342	0.34	0.2	5	5.9	118.4	5.9	117.1	79	121	881861-001	0.684	10.0	11.8	111.4		10.0	12	112.7		1.2		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 4/5/2007
QC Batch Number: 19258

Sample Condition Upon Receipt

Pace Analytical

Client Name: North Jackson Project # 881861

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used JB **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 4.0 **Biological Tissue is Frozen:** Yes No

Date and Initials of person examining contents: 3-22-07 CG 4/3/07 KK

Temp should be above freezing to 6°C **Comments:**

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. Nitrate
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: GW		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed CG / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☐Yes ☒No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AA for TN **Date:** 4/6/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Pace Analytical®
www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

COC No. 015115

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other NaOH/HN

Company Name:	North Jackson
Branch/Location:	Marquette, MI
Project Contact:	
Phone:	
Project Number:	
Project Name:	Humboldt M. 11
Project State:	MI
Sampled By (Print):	Richard Eagle Kamran Syed
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	J. Kesy - Foth -
Mail To Company:	Foth & VD
Mail To Address:	Green Bay, WI
Invoice To Contact:	J. Kesy
Invoice To Company:	FVD
Invoice To Address:	Same
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, SI = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	KMW-5	3/21/07	1700	GW	N	A	See FVD Parameter List	Short List Complete	500mL gA 2-500mL A,D 5-250mL D,D,C,J,G 3-40mL B
002	MW-601	"	1445	"	Y	D		Long List Complete	3-40mL B 500mL g A
003	PW-4	"	1425	"	N	C		Long List Complete	500mL p A
004	MW-102	"	1435	"	N	B		Long List Complete	1L mg A
					N	G			
					Y	A			
					N	J			
					N				

Profile #

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard Eagle	3/21/07 1700	FedEx	
FedEx	3/22/07 0950		3/22/07 0950

PACE Project No. 881861

Receipt Temp = 4.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / ~~Not Present~~ Intact / Not Intact

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881861
Lab Section: METALS
QC Batch Number: 19191
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBDMTG2102-48	MBDMTG2102-48
LCS	LCSDMTG2102-48	LCSDMTG2102-48
MS	KMW-5MS	881861-001MS
MSD	KMW-5MSD	881861-001MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-5	881861-001	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum - Dissolved	<	6.3	10000.0	10970	109.7		---	---	---		---			75	125	20	881861-001	<	6.3	10000.0	10580	105.8		10000.0	10830	108.3		2.3			75	125	20
Antimony - Dissolved	<	0.24	200.0	201.6	100.8		---	---	---		---			75	125	20	881861-001		0.4600	200.0	203.1	101.3		200.0	208.1	103.8		2.4			75	125	20
Arsenic - Dissolved	J	0.14	200.0	196.9	98.4		---	---	---		---			75	125	20	881861-001		1.480	200.0	196.1	97.3		200.0	199.8	99.2		1.9			75	125	20
Barium - Dissolved	J	0.25	200.0	190.5	95.2		---	---	---		---			75	125	20	881861-001		18.05	200.0	211.7	96.8		200.0	216.3	99.1		2.1			75	125	20
Beryllium - Dissolved	J	0.12	200.0	199.8	99.9		---	---	---		---			75	125	20	881861-001		0.1600	200.0	179.4	89.6		200.0	183.6	91.7		2.3			75	125	20
Boron - Dissolved	J	1.7	200.0	202.2	101.1		---	---	---		---			75	125	20	881861-001		70.50	200.0	254.1	91.8		200.0	257.3	93.4		1.3			75	125	20
Cadmium - Dissolved	<	0.12	200.0	195.4	97.7		---	---	---		---			75	125	20	881861-001		0.1400	200.0	193.8	96.8		200.0	196.1	98.0		1.2			75	125	20
Calcium - Dissolved	<	13	10000.0	10100	101.0		---	---	---		---			75	125	20	881861-001		36790.0	10000.0	45680	88.9		10000.0	45750	89.6		0.2			75	125	20
Chromium - Dissolved	<	0.32	200.0	190.8	95.4		---	---	---		---			75	125	20	881861-001	<	0.32	200.0	183.6	91.8		200.0	186	93.0		1.3			75	125	20
Cobalt - Dissolved	J	0.11	200.0	191.7	95.8		---	---	---		---			75	125	20	881861-001		58.35	200.0	236.5	89.1		200.0	243.2	92.4		2.8			75	125	20
Copper - Dissolved	<	0.59	200.0	192.6	96.3		---	---	---		---			75	125	20	881861-001	<	0.59	200.0	178.9	89.4		200.0	183.6	91.8		2.6			75	125	20
Iron - Dissolved	<	9.3	10000.0	9840	98.4		---	---	---		---			75	125	20	881861-001		21410.0	10000.0	30230	88.2		10000.0	30260	88.5		0.1			75	125	20
Lead - Dissolved	J	0.1	200.0	198.1	99.1		---	---	---		---			75	125	20	881861-001		0.1900	200.0	200.9	100.4		200.0	204.3	102.1		1.7			75	125	20
Magnesium - Dissolved	<	4.6	10000.0	10640	106.4		---	---	---		---			75	125	20	881861-001		19480.0	10000.0	29590	101.1		10000.0	29980	105.0		1.3			75	125	20
Manganese - Dissolved	J	0.29	200.00	199.7	99.8		---	---	---		---			75	125	20	881861-001		2605.0	200.00	2724	59.5	+	200.00	2724	59.5	+	0.0			75	125	20
Molybdenum - Dissolved	<	0.61	200.0	198.6	99.3		---	---	---		---			75	125	20	881861-001		3.970	200.0	203	99.5		200.0	208	102.0		2.4			75	125	20
Nickel - Dissolved	<	0.32	200.0	193.2	96.6		---	---	---		---			75	125	20	881861-001		3.780	200.0	180.9	88.6		200.0	185.9	91.1		2.7			75	125	20
Potassium - Dissolved	J	28	10000.0	9766	97.7		---	---	---		---			75	125	20	881861-001		4386.00	10000.0	13700	93.1		10000.0	14000	96.1		2.2			75	125	20
Selenium - Dissolved	<	0.67	200.0	194.3	97.2		---	---	---		---			75	125	20	881861-001	<	0.67	200.0	189.1	94.6		200.0	191.9	95.9		1.5			75	125	20
Silver - Dissolved	J	0.09	100	97.1	97.1		---	---	---		---			75	125	20	881861-001		0.0800	100	95	94.9		100	96.3	96.2		1.4			75	125	20
Sodium - Dissolved	<	17	10000.0	10380	103.8		---	---	---		---			75	125	20	881861-001		3377.00	10000.0	13590	102.1		10000.0	13600	102.2		0.1			75	125	20
Thallium - Dissolved	J	0.08	200.0	191.1	95.6		---	---	---		---			75	125	20	881861-001		0.1300	200.0	195.3	97.6		200.0	198.6	99.2		1.7			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19191

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Vanadium - Dissolved	<	0.1	200.0	189.9	94.9		---	---	---		---		75	125	20	881861-001	0.4100	200.0	187.2	93.4		200.0	186.4	93.0		0.4		75	125	20
Zinc - Dissolved	J	4.7	200.0	195.3	97.7		---	---	---		---		75	125	20	881861-001	13.18	200.0	193.5	90.2		200.0	196.4	91.6		1.5		75	125	20

Conc = ug/L unless otherwise noted
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Report Date: 9/4/2007
QC Batch Number: 19191

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881861
Lab Section: METALS-K
QC Batch Number: 19188
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-082	MBWMTK0966-082
MB	MBMTK0966-082	MBMTK0966-082
IPR	IPRWMTK0966-082	IPRWMTK0966-082
OPR	OPRWMTK0966-082	OPRWMTK0966-082
MS	881778-002MS	881778-002MS
MS	881754-002MS	881754-002MS
MSD	881778-002MSD	881778-002MSD
MSD	881754-002MSD	881754-002MSD

Client Sample ID: MW-601 | Lab Sample ID: 881861-002 | MB ID: MB

Client Sample ID | Lab Sample ID | MB ID

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level - Dissol	0.473	0	---	---		---	---	---		---		---	---	---	881778-002	2.64	10.0	12.5	98.8		10.0	12.1	94.3		3.7		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19188

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881861
Lab Section: METALS-K
QC Batch Number: 19258
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTK0966-83	MBWMTK0966-83
MB	MBMTK0966-83	MBMTK0966-83
IPR	IPRWMTK0966-83	IPRWMTK0966-83
OPR	OPRWMTK0966-83	OPRWMTK0966-83
MS	881922-001MS	881922-001MS
MS	881894-002MS	881894-002MS
MS	KMW-5MS	881861-001MS
MSD	881922-001MSD	881922-001MSD
MSD	881894-002MSD	881894-002MSD
MSD	KMW-5MSD	881861-001MSD

Client Sample ID: KMW-5 | Lab Sample ID: 881861-001 | MB ID: MB

Client Sample ID | Lab Sample ID | MB ID

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level - Dissol	0.342	0	---	---		---	---	---		---		---	---	---	881861-001	0.684	10.0	11.8	111.4		10.0	12	112.7		1.2		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19258

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881861
Lab Section: PCB-K
QC Batch Number: 19133
Prep Method: SW846 3510C
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2057-059PCBMB	SVG2057-059PCBMB
LCS	SVG2057-059PCBLCS	SVG2057-059PCBLCS
MS	881779-001MS	881779-001MS
MSD	881779-001MSD	881779-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-102	881861-004	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aroclor 1016	<	0.12	0	---	---		---	---	---		---		---	---	---	881779-001	<	0.23	---	---	---		---	---	---		---		---	---	---
Aroclor 1221	<	0.12	0	---	---		---	---	---		---		---	---	---	881779-001	<	0.23	---	---	---		---	---	---		---		---	---	---
Aroclor 1232	<	0.12	0	---	---		---	---	---		---		---	---	---	881779-001	<	0.23	---	---	---		---	---	---		---		---	---	---
Aroclor 1242	<	0.12	5.0	5.3	105		---	---	---		---		---	---	---	881779-001	<	0.23	---	---	---		---	---	---		---		---	---	---
Aroclor 1248	<	0.12	0	---	---		---	---	---		---		47	138	20	881779-001	<	0.23	4.7	5.1	107		4.7	4.9	104		3.6		17	151	20
Aroclor 1254	<	0.12	0	---	---		---	---	---		---		---	---	---	881779-001	<	0.23	---	---	---		---	---	---		---		---	---	---
Aroclor 1260	<	0.12	0	---	---		---	---	---		---		---	---	---	881779-001	<	0.23	---	---	---		---	---	---		---		---	---	---
Total PCBs	<	0.12	---	---	---		---	---	---		---		---	---	---	881779-001	<	0.23	---	---	---		---	---	---		---		---	---	---
Tetrachloro-m-xylene		85%	---	---	84		---	---	---		---		42	122	---	881779-001		87%	---	---	85		---	---	84		---		42	122	---
Decachlorobiphenyl		93%	---	---	91		---	---	---		---		10	128	---	881779-001		87%	---	---	96		---	---	97		---		10	128	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 19133

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881861
Lab Section: VOA
QC Batch Number: 19157
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2168-52MB	vog2168-52MB
LCS	vog2168-52LCS	vog2168-52LCS
LCSD	vog2168-52LCSD	vog2168-52LCSD
MS	881872-022MS	881872-022MS
MSD	881872-022MSD	881872-022MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-5	881861-001	MB

Client Sample ID	Lab Sample ID	MB ID
MW-601	881861-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	<	0.9	50.0	52.1	104		50.0	52.5	105		0.6			75	128	20	881872-022	<	0.9	50.0	52.4	105		50.0	51	102		2.7			70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	50.7	101		50.0	53.5	107		5.4			67	125	20	881872-022		0.00	50.0	50.4	101		50.0	51.8	104		2.7			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	52.2	104		50.0	52.3	105		0.3			75	125	20	881872-022	<	0.42	50.0	51.7	103		50.0	52.4	105		1.3			70	130	30
1,1-Dichloroethane	<	0.75	50.0	54.4	109		50.0	53.9	108		0.9			71	130	20	881872-022	<	0.75	50.0	54.2	108		50.0	53.2	106		2.0			70	130	30
1,1-Dichloroethene	<	0.57	50.0	56.8	114		50.0	59.4	119		4.5			75	125	20	881872-022	<	0.57	50.0	58.2	116		50.0	57.7	115		0.8			70	135	30
1,2-Dichloroethane	<	0.36	50.0	52.3	105		50.0	52.5	105		0.4			71	132	20	881872-022	<	0.36	50.0	53	106		50.0	51.7	103		2.3			70	130	30
1,2-Dichloroethene, Total	<	1.4	100.0	109.7	110		100.0	109.5	110		0.1			75	125	20	881872-022		0.000	100.0	108	108		100.0	106	106		1.9			70	130	30
1,2-Dichloropropane	<	0.46	50.0	49.4	99		50.0	51	102		3.1			73	125	20	881872-022	<	0.46	50.0	50.4	101		50.0	49.1	98		2.5			70	130	30
2-Butanone	<	4.3	50.0	50.6	101		50.0	53.1	106		4.8			59	130	20	881872-022	<	4.3	50.0	51	102		50.0	51.2	102		0.3			51	130	30
2-Hexanone	<	1.1	50.0	49	98		50.0	51.4	103		4.8			51	125	20	881872-022		0.00	50.0	48	96		50.0	51.8	104		7.7			53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	50.8	102		50.0	55.1	110		8.1			59	125	20	881872-022		0.00	50.0	51.8	104		50.0	53.5	107		3.2			62	130	30
Acetone	<	2.3	50.0	45.9	92		50.0	48.6	97		5.6			31	150	20	881872-022	<	2.3	50.0	48.2	96		50.0	45.7	91		5.5			42	132	30
Benzene	<	0.41	50.0	52.6	105		50.0	52.9	106		0.6			75	125	20	881872-022	<	0.41	50.0	53	106		50.0	51.7	103		2.4			70	130	30
Bromodichloromethane	<	0.56	50.0	50.1	100		50.0	52.1	104		3.9			75	125	20	881872-022	<	0.56	50.0	52	104		50.0	50.5	101		2.9			70	130	30
Bromoform	<	0.94	50.0	45.3	91		50.0	46.4	93		2.5			75	125	20	881872-022	<	0.94	50.0	46.3	93		50.0	47.1	94		1.6			70	130	30
Bromomethane	<	0.91	50.0	40.4	81		50.0	40.7	81		0.8			66	125	20	881872-022	<	0.91	50.0	40.1	80		50.0	39.4	79		2.0			63	147	30
Carbon Disulfide	<	0.66	50.0	52	104		50.0	52.3	105		0.6			71	128	20	881872-022	<	0.66	50.0	50.9	102		50.0	50.8	102		0.3			56	142	30
Carbon Tetrachloride	<	0.49	50.0	56.1	112		50.0	56.9	114		1.4			75	125	20	881872-022	<	0.49	50.0	56.7	113		50.0	56.4	113		0.7			70	131	30
Chlorobenzene	<	0.41	50.0	51.8	104		50.0	52.4	105		1.1			75	125	20	881872-022	<	0.41	50.0	51.1	102		50.0	52	104		1.7			70	130	30
Chlorodibromomethane	<	0.81	50.0	50.4	101		50.0	52.5	105		4.1			75	125	20	881872-022	<	0.81	50.0	51.2	102		50.0	51.7	103		1.0			70	130	30
Chloroethane	<	0.97	50.0	52.5	105		50.0	51.3	103		2.3			72	126	20	881872-022	<	0.97	50.0	49.9	100		50.0	49.7	99		0.3			67	138	30
Chloroform	<	0.37	50.0	55.1	110		50.0	54.3	109		1.5			75	125	20	881872-022	<	0.37	50.0	55.6	111		50.0	54.4	109		2.2			70	130	30

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Report Date: 9/4/2007
QC Batch Number: 19157

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result		MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloromethane	<	0.24	50.0	46.2	92		50.0	46.9	94		1.3		46	143	20	881872-022	<	0.24	50.0	45	90		50.0	44.8	90		0.3		43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	45.7	91		50.0	46.9	94		2.5		75	125	20	881872-022	<	0.19	50.0	45.4	91		50.0	45	90		0.9		70	130	30
Ethylbenzene	<	0.54	50.0	53.1	106		50.0	53	106		0.1		75	125	20	881872-022	<	0.54	50.0	52.1	104		50.0	51.9	104		0.3		70	136	30
Methylene Chloride	<	0.43	50.0	50.1	100		50.0	51.7	103		3.1		75	125	20	881872-022	<	0.43	50.0	49.9	100		50.0	50	100		0.1		70	130	30
Styrene	<	0.86	50.0	46.1	92		50.0	46.1	92		0.2		75	125	20	881872-022	<	0.86	50.0	44.7	89		50.0	44.9	90		0.2		70	130	30
Tetrachloroethene	<	0.45	50.0	55.5	111		50.0	55.4	111		0.1		75	130	20	881872-022	<	0.45	50.0	53.5	107		50.0	54	108		1.0		70	130	30
Toluene	<	0.67	50.0	53	106		50.0	53.9	108		1.6		75	125	20	881872-022	<	0.67	50.0	51.9	104		50.0	51.8	104		0.2		70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	47.8	96		50.0	49.2	98		2.8		75	125	20	881872-022	<	0.19	50.0	48.8	98		50.0	49.9	100		2.2		70	130	30
Trichloroethene	<	0.48	50.0	52.9	106		50.0	53.8	108		1.6		75	125	20	881872-022	<	0.48	50.0	53	106		50.0	52.5	105		0.8		70	130	30
Vinyl Chloride	<	0.18	50.0	54.5	109		50.0	54.2	108		0.5		65	130	20	881872-022	<	0.18	50.0	52.1	104		50.0	51.6	103		1.1		62	138	30
Xylene, Total	<	2.6	150.0	154.8	103		150.0	154.8	103		0.0		75	125	20	881872-022	<	2.6	150.0	150.8	101		150.0	150.9	101		0.1		70	130	30
4-Bromofluorobenzene		90%	---	---	89		---	---	88		---		64	132	---	881872-022		88%	---	---	87		---	---	88		---		64	132	---
Toluene-d8		102%	---	---	100		---	---	100		---		73	127	---	881872-022		100%	---	---	100		---	---	101		---		73	127	---
Dibromofluoromethane		100%	---	---	97		---	---	98		---		68	122	---	881872-022		97%	---	---	98		---	---	96		---		68	122	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 19157

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 881861
Lab Section: WETCHEM
QC Batch Number: 19122
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2138-049MB	WCG2138-049MB
LCS	WCG2138-049MBLCS	WCG2138-049MBLCS
MS	KMW-5MS	881861-001MS
MSD	KMW-5MSD	881861-001MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-5	881861-001	MB

Client Sample ID	Lab Sample ID	MB ID
PW-4	881861-003	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Chloride	< 1.1	20.0	18.7	93.4		---	---	---		---		90	110	20	881861-001	6.00	20.0	23.5	87.4	N	20.0	23.8	88.8	N	1.2		90	110	20
Fluoride	< 0.059	2.0	2	98.0		---	---	---		---		90	110	20	881861-001	0.21	2.0	2.3	104.0		2.0	2.3	105.0		0.9		90	110	20
Nitrogen, Nitrate	< 0.085	1.6	1.5	94.4		---	---	---		---		90	110	20	881861-001	< 0.085	1.6	1.5	95.0		1.6	1.5	96.2		1.3		90	110	20
Nitrogen, Nitrite	< 0.036	0.80	0.8	100.0		---	---	---		---		90	110	20	881861-001	< 0.036	0.80	0.77	96.2		0.80	0.79	98.8		2.6		90	110	20
Sulfate	< 0.51	16.00	15.3	95.4		---	---	---		---		90	110	20	881861-001	114.5	160.0	263.8	93.3		160.0	264.3	93.6		0.2		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 19122

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 881861
Lab Section: WETCHEM
QC Batch Number: 19229
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-073MB	WCG2151-073MB
LCS	WCG2151-073MBLCS	WCG2151-073MBLCS
MS	881987-001MS	881987-001MS
MS	881884-003MS	881884-003MS
MSD	881987-001MSD	881987-001MSD
MSD	881884-003MSD	881884-003MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-5	881861-001	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.0094	0.10	0.11	109.2		---	---	---		---		90	110	20	881884-003		1.4	0.10	1.5	124.6	+	0.10	1.4	86.1	+	2.6		90	110	20
Cyanide, Total	<	0.0094	0.10	0.11	109.2		---	---	---		---		90	110	20	881987-001	<	0.0094	0.10	0.12	124.9	N	0.10	0.12	123.5	N	1.1		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 19229

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881861
Lab Section: WETCHEM
QC Batch Number: 19251
Prep Method: EPA 376.1
Analytical Method: EPA 376.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-096MB	WCG1919-096MB
LCS	WCG1919-096MBLCS	WCG1919-096MBLCS
LCSD	WCG1919-096MBLCSD	WCG1919-096MBLCSD

Client Sample ID	Lab Sample ID	MB ID
KMW-5	881861-001	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sulfide	<	2.5	43.2	42	97.2		43.2	46.8	108.3		10.8			80	120	20	---		---	---	---		---	---	---		---			---	---	---

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 19251

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881861
Lab Section: WETCHEM
QC Batch Number: 19271
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG1919-097MB	WCG1919-097MB
LCS	WCG1919-097MBLCS	WCG1919-097MBLCS
MS	PW-4MS	881861-003MS
MSD	PW-4MSD	881861-003MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-5	881861-001	MB

Client Sample ID	Lab Sample ID	MB ID
PW-4	881861-003	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	J	2.2	77.40	79.2	102.3		---	---	---		---			80	120	20	881861-003		136.4	100.0	239.8	103.4		100.0	242	105.6		0.9			80	120	20
Carbonate Alkalinity	<	1.7	0	---	---		---	---	---		---			---	---	---	881861-003	<	1.7	---	---	---		---	---	---		---			---	---	---
Total Alkalinity	J	2.2	77.40	79.2	102.3		---	---	---		---			80	120	20	881861-003		136.4	100.0	239.8	103.4		100.0	242	105.6		0.9			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 19271

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 881861
Lab Section: WETCHEM
QC Batch Number: 19494
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2151-093MB	WCG2151-093MB
LCS	WCG2151-093MBLCS	WCG2151-093MBLCS
MS	881904-001MS	881904-001MS
MS	881830-001MS	881830-001MS
MSD	881904-001MSD	881904-001MSD
MSD	881830-001MSD	881830-001MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-5	881861-001	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.5	10.0	10.3	103.4		---	---	---		---			90	110	20	881830-001	3.33	10.0	12.5	92.1		10.0	14.4	110.3		13.5			90	110	20
Nitrogen, Ammonia	<	0.5	10.0	10.3	103.4		---	---	---		---			90	110	20	881904-001	1.73	10.0	11.3	96.0		10.0	10.9	91.9		3.7			90	110	20

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Report Date: 9/4/2007
QC Batch Number: 19494

June 2007

Batch No.s 884600, 884671
884756, 884812
885050, 885100, 885140

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

July 9, 2007

Janis Kesy
Foth & Van Dyke
2737 South Ridge Road
Green Bay, WI 54304

Dear Ms. Kesy:

Enclosed is a report for the analysis of groundwater and associated QC samples for the Humboldt Mill project (06W003). These samples were received between June 7 and 21, 2007. The samples were assigned to several laboratory batch numbers, but are compiled in one report, number 884600.

A table of the results has also been sent to you via e-mail.

If you have any questions regarding this data please call me at (608) 232-3300 ext. 302.

Sincerely,

Marge Allen-Trinkner for Tod N.

Tod Noltemeyer
Project Manager

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 884600

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL GROUNDWATER
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
884600-001	FBK-001	WATER	06/06/07 15:10
884600-002	DUP-001	WATER	06/06/07
884600-003	KMW-3	WATER	06/06/07 14:02
884600-004	KMW-4	WATER	06/06/07 13:11
884600-005	KMW-7	WATER	06/06/07 15:47

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

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ACCREDITED IN ACCORDANCE WITH nelac

Marge Allen-Trinkner for Tod N. — Approval Signature

7-9-07 — Date

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 884671

Client: FOTH INFRASTRUCTURE & ENVIRONMENT

Lab Contact: Tod Noltemeyer

Project Name: HUMBOLDT MILL

Project Number:

Lab Sample Number	Field ID	Matrix	Collection Date
884671-001	FBK-002	WATER	06/07/07 11:00
884671-002	DUP-002	WATER	06/07/07
884671-003	KMW-6	WATER	06/07/07 10:28
884671-004	KMW-9P	WATER	06/07/07 11:46
884671-005	KMW-9	WATER	06/07/07 12:55
884671-006	KMW-10	WATER	06/07/07 15:22
884671-007	MW-12	WATER	06/07/07 16:08
884671-008	P-604	WATER	06/07/07 15:24

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Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

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Marge Allen-Trinkner for Tod N — Approval Signature

7.9.07 — Date

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 884756

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
884756-001	MW-103	WATER	06/11/07 11:54
884756-002	MW-604	WATER	06/11/07 10:18
884756-003	MW-9	WATER	06/11/07 15:36
884756-004	DUP003	WATER	06/11/07
884756-005	FBK003	WATER	06/11/07 10:50

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Marge Allen-Trinkner for Tod N. — Approval Signature

7.9.07 — Date

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1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 884812

Client: FOTH INFRASTRUCTURE & ENVIRONMENT

Lab Contact: Tod Noltemeyer

Project Name: HUMBOLDT MILL

Project Number:

Lab Sample Number	Field ID	Matrix	Collection Date
884812-001	FBK-004	WATER	06/12/07 11:35
884812-002	DUP-004	WATER	06/12/07
884812-003	MW-101	WATER	06/12/07 12:09
884812-004	MW-11	WATER	06/12/07 12:20
884812-005	MW-102	WATER	06/12/07 14:50
884812-006	MW-601	WATER	06/12/07 14:05
884812-007	MW-601	WATER	06/12/07 16:30
884812-008	PW-2	WATER	06/12/07 15:41
884812-009	KMW-2	WATER	06/12/07 16:00
884812-010	MW-601	WATER	06/12/07 16:33

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

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Marge Allen-Trunkner for Tod N.
Approval Signature

7.9.07
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1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 885050

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
885050-001	HYG-1	WATER	06/18/07 11:30
885050-002	HW-1	WATER	06/18/07 09:51
885050-003	HW-1A	WATER	06/18/07 10:36
885050-004	HW-2	WATER	06/18/07 13:07
885050-005	HW-4	WATER	06/18/07 14:53
885050-006	HW-5	WATER	06/18/07 13:12
885050-007	HW-5A	WATER	06/18/07 12:22
885050-008	HW-6	WATER	06/18/07 11:36
885050-009	HW-6A	WATER	06/18/07 10:27
885050-010	DUP005	WATER	06/18/07
885050-011	FBK005	WATER	06/18/07 15:00
885050-012	TRIP BLANK	WATER	06/18/07

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Margie Allen-Trinkner for Tod N
Approval Signature

7.9.07
Date

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1241 Bellevue Street, Suite 9
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920-469-2436, Fax: 920-469-8827

Analytical Report Number: 885100

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
885100-001	FBK-006	WATER	06/19/07 11:33
885100-002	HW-3	WATER	06/19/07 10:08
885100-003	MW-5	WATER	06/19/07 10:36
885100-004	DUP-006	WATER	06/19/07
885100-005	KMW-1	WATER	06/19/07 14:04
885100-006	PW-1	WATER	06/19/07 13:06
885100-007	TRIP BLANK 3	WATER	06/19/07
885100-008	TRIP BLANK 3	WATER	06/19/07
885100-009	MW-104	WATER	06/19/07 15:29
885100-010	PW-4	WATER	06/19/07 15:15

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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7.9.07 — Date

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920-469-2436, Fax: 920-469-8827

Analytical Report Number: 885140

Client: FOTH INFRASTRUCTURE & ENVIRONMENT
Lab Contact: Tod Noltemeyer
Project Name: HUMBOLDT MILL
Project Number: 06W003

Lab Sample Number	Field ID	Matrix	Collection Date
885140-001	FBK-007	WATER	06/20/07 12:41
885140-002	KMW-5	WATER	06/20/07 13:00
885140-003	DUP-007	WATER	06/20/07
885140-004	MW-7	WATER	06/20/07 13:35

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Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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7.9.07 — Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL GROUNDWATER
Project Number : 06W003
Field ID : FBK-001

Matrix Type : WATER
Collection Date : 06/06/07
Report Date : 07/09/07
Lab Sample Number : 884600-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	7.0	B 4.4	50	1	ug/L	A	06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Antimony	0.15	B 0.10	1.0	1	ug/L	A	06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Arsenic	0.11	B 0.093	1.0	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Barium	0.41	B 0.072	1.0	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Beryllium	0.11	B 0.070	1.0	1	ug/L		06/13/07 06:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Boron	210	1.1	10	1	ug/L		06/13/07 06:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Calcium	52	B 10	500	1	ug/L	A	06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Cobalt	0.059	U 0.059	1.0	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Copper	1.6	0.12	1.0	1	ug/L	A	06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Hardness	0.15	U 0.15	2.0	1	mg/L		06/12/07 06:42 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Iron	12	B 2.9	50	1	ug/L	A	06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Lead	0.20	B 0.044	1.0	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Lithium	0.050	U 0.050	0.10	1	ug/L		06/15/07 12:00 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	53	U 53	500	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Manganese	1.0	0.080	1.0	1	ug/L	A	06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Mercury - Low Level	0.212	0.163	0.163	1	ng/L		06/18/07 10:01 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM	Anl By: TLH	
Molybdenum	0.49	B 0.12	10	1	ug/L	A	06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Nickel	0.27	B 0.075	1.0	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Potassium	71	B 6.2	500	1	ug/L	A	06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Selenium	0.31	B 0.15	1.0	1	ug/L	A	06/13/07 06:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Sodium	2800	46	500	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL GROUNDWATER
Project Number : 06W003
Field ID : FBK-001

Matrix Type : WATER
Collection Date : 06/06/07
Report Date : 07/09/07
Lab Sample Number : 884600-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.040	B 0.030	1.0	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/12/07 06:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Zinc	2.8	B 2.1	10	1	ug/L		06/13/07 06:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Bicarbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	3.5	B 1.1	5.0	1	mg/L		06/08/07 03:08 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:23 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.13	B 0.059	0.50	1	mg/L		06/08/07 03:08 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/18/07 01:07 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:28 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/08/07 03:08 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 03:08 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	0.51	U 0.51	4.0	1	mg/L		06/08/07 03:08 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL GROUNDWATER
Project Number : 06W003
Field ID : DUP-001

Matrix Type : WATER
Collection Date : 06/06/07
Report Date : 07/09/07
Lab Sample Number : 884600-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	800	4.4	50	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Antimony	0.15	B 0.10	1.0	1	ug/L	A	06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Arsenic	19	0.093	1.0	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Barium	79	0.072	1.0	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Beryllium	0.090	B 0.070	1.0	1	ug/L		06/13/07 06:39 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Boron	44	1.1	10	1	ug/L		06/13/07 06:39 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Calcium	38000	10	500	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Chromium	3.1	0.43	1.0	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Cobalt	4.0	0.059	1.0	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Copper	3.9	0.12	1.0	1	ug/L	A	06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Hardness	160	0.15	2.0	1	mg/L		06/12/07 06:49 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Iron	26000	2.9	50	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Lead	1.2	0.044	1.0	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Lithium	2.5	0.10	0.20	1	ug/L		06/15/07 12:14 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	17000	53	500	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Manganese	4700	0.080	1.0	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Mercury - Low Level	0.840	0.163	0.500	1	ng/L		06/18/07 10:07 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM	Anl By: TLH	
Molybdenum	1.6	B 0.12	10	1	ug/L	A	06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Nickel	3.1	0.075	1.0	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Potassium	2900	6.2	500	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Selenium	0.38	B 0.15	1.0	1	ug/L	A	06/13/07 06:39 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Sodium	3600	46	500	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL GROUNDWATER
Project Number : 06W003
Field ID : DUP-001

Matrix Type : WATER
Collection Date : 06/06/07
Report Date : 07/09/07
Lab Sample Number : 884600-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Vanadium	3.8	0.41	1.0	1	ug/L		06/12/07 06:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Zinc	4.4	B 2.1	10	1	ug/L		06/13/07 06:39 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Bicarbonate Alkalinity	81	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	2.7	B 1.1	5.0	1	mg/L		06/08/07 03:50 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:23 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.20	B 0.059	0.50	1	mg/L		06/08/07 03:50 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.71	B 0.50	1.0	1	mg/L		06/18/07 01:08 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:28 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/08/07 03:50 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 03:50 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	100	5.1	40	10	mg/L		06/13/07 07:43 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	81	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL GROUNDWATER
Project Number : 06W003
Field ID : KMW-3

Matrix Type : WATER
Collection Date : 06/06/07
Report Date : 07/09/07
Lab Sample Number : 884600-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	950	4.4	50	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Antimony	0.17	B 0.10	1.0	1	ug/L	A	06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Arsenic	18	0.093	1.0	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Barium	75	0.072	1.0	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Beryllium	0.11	B 0.070	1.0	1	ug/L		06/13/07 05:47 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Boron	45	1.1	10	1	ug/L		06/13/07 05:47 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Calcium	36000	10	500	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Chromium	3.1	0.43	1.0	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Cobalt	3.7	0.059	1.0	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Copper	3.9	0.12	1.0	1	ug/L	A	06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Hardness	160	0.15	2.0	1	mg/L		06/12/07 06:19 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Iron	24000	2.9	50	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Lead	1.2	0.044	1.0	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Lithium	2.5	0.10	0.20	1	ug/L		06/15/07 12:18 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	16000	53	500	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Manganese	4400	0.080	1.0	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Mercury - Low Level	0.613	0.163	0.500	1	ng/L		06/18/07 10:15 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM	Anl By: TLH	
Molybdenum	1.5	B 0.12	10	1	ug/L	A	06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Nickel	3.0	0.075	1.0	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Potassium	2800	6.2	500	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Selenium	0.49	B 0.15	1.0	1	ug/L	A	06/13/07 05:47 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Sodium	3500	46	500	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL GROUNDWATER
Project Number : 06W003
Field ID : KMW-3

Matrix Type : WATER
Collection Date : 06/06/07
Report Date : 07/09/07
Lab Sample Number : 884600-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Vanadium	3.9	0.41	1.0	1	ug/L		06/12/07 06:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Zinc	9.0	B 2.1	10	1	ug/L		06/13/07 05:47 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Bicarbonate Alkalinity	79	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	2.8	B 1.1	5.0	1	mg/L		06/08/07 04:04 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:24 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.19	B 0.059	0.50	1	mg/L		06/08/07 04:04 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.69	B 0.50	1.0	1	mg/L		06/18/07 01:09 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:28 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/08/07 04:04 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 04:04 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	97	5.1	40	10	mg/L		06/13/07 07:55 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	79	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL GROUNDWATER
Project Number : 06W003
Field ID : KMW-4

Matrix Type : WATER
Collection Date : 06/06/07
Report Date : 07/09/07
Lab Sample Number : 884600-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	1400	4.4	50	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Antimony	0.18	B 0.10	1.0	1	ug/L	A	06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Arsenic	3.0	0.093	1.0	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Barium	57	0.072	1.0	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Beryllium	0.090	B 0.070	1.0	1	ug/L		06/13/07 06:54 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Boron	58	1.1	10	1	ug/L		06/13/07 06:54 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Calcium	41000	10	500	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Chromium	5.6	0.43	1.0	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Cobalt	3.7	0.059	1.0	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Copper	9.7	0.12	1.0	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Hardness	170	0.15	2.0	1	mg/L		06/12/07 07:04 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Iron	7700	2.9	50	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Lead	1.6	0.044	1.0	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Lithium	2.2	0.25	0.50	1	ug/L		06/15/07 12:22 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	15000	53	500	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Manganese	4600	0.080	1.0	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Mercury - Low Level	2.83	0.163	0.500	1	ng/L		06/18/07 10:19 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM	Anl By: TLH	
Molybdenum	1.5	B 0.12	10	1	ug/L	A	06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Nickel	8.2	0.075	1.0	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Potassium	3600	6.2	500	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Selenium	0.23	B 0.15	1.0	1	ug/L	A	06/13/07 06:54 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Sodium	4000	46	500	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL GROUNDWATER
Project Number : 06W003
Field ID : KMW-4

Matrix Type : WATER
Collection Date : 06/06/07
Report Date : 07/09/07
Lab Sample Number : 884600-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Vanadium	4.0	0.41	1.0	1	ug/L		06/12/07 07:04 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Zinc	12	2.1	10	1	ug/L		06/13/07 06:54 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Bicarbonate Alkalinity	90	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	2.7	B 1.1	5.0	1	mg/L		06/08/07 04:19 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:28 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.19	B 0.059	0.50	1	mg/L		06/08/07 04:19 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.59	B 0.50	1.0	1	mg/L		06/18/07 01:09 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:28 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/08/07 04:19 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 04:19 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	95	5.1	40	10	mg/L		06/13/07 08:08 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	90	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL GROUNDWATER
Project Number : 06W003
Field ID : KMW-7

Matrix Type : WATER
Collection Date : 06/06/07
Report Date : 07/09/07
Lab Sample Number : 884600-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	1200	4.4	50	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Arsenic	5.5	0.093	1.0	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Barium	63	0.072	1.0	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Beryllium	0.26	B 0.070	1.0	1	ug/L		06/13/07 07:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Boron	68	1.1	10	1	ug/L		06/13/07 07:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Calcium	140000	100	5000	10	ug/L		06/12/07 09:28 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Chromium	3.6	0.43	1.0	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Cobalt	130	0.059	1.0	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Copper	3.3	0.12	1.0	1	ug/L	A	06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Hardness	630	1.5	20	10	mg/L		06/12/07 09:28 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Iron	190000	29	500	10	ug/L		06/12/07 09:28 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Lead	0.58	B 0.044	1.0	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Lithium	4.6	0.25	0.50	1	ug/L		06/15/07 12:27 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	70000	530	5000	10	ug/L		06/12/07 09:28 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Manganese	23000	0.80	10	10	ug/L		06/12/07 09:28 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Molybdenum	1.2	U 1.2	100	10	ug/L	C	06/12/07 09:28 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Nickel	120	0.075	1.0	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Potassium	7400	6.2	500	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Selenium	0.70	B 0.15	1.0	1	ug/L	A	06/13/07 07:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Sodium	7300	46	500	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	
Thallium	0.030	U 0.030	1.0	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM	Anl By: CCR	

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL GROUNDWATER
Project Number : 06W003
Field ID : KMW-7

Matrix Type : WATER
Collection Date : 06/06/07
Report Date : 07/09/07
Lab Sample Number : 884600-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Vanadium	9.2	0.41	1.0	1	ug/L		06/12/07 07:12 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Zinc	7.4	B 2.1	10	1	ug/L		06/13/07 07:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/11/07 06:30 AM		Anl By: CCR
Bicarbonate Alkalinity	41	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	4.4	B 1.1	5.0	1	mg/L		06/08/07 05:01 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:29 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.14	B 0.059	0.50	1	mg/L		06/08/07 05:01 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	2.1	0.50	1.0	1	mg/L		06/18/07 01:10 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:28 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/08/07 05:01 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 05:01 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	870	26	200	50	mg/L		06/13/07 08:47 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	8.4	2.3	5.0	1	mg/L		06/08/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	41	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : FBK-002

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	13	B 4.4	50	1	ug/L	A	06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Arsenic	0.19	B 0.093	1.0	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Barium	0.18	B 0.072	1.0	1	ug/L	A	06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Boron	200	1.1	10	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Calcium	30	B 10	500	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cobalt	0.059	U 0.059	1.0	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Copper	1.2	0.12	1.0	1	ug/L	A	06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Hardness	0.15	U 0.15	2.0	1	mg/L		06/14/07 12:33 PM	SW846 3020A	6020/2340B
							Prep Date/Time:	Anl By: CCR	
Iron	20	B 2.9	50	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lead	0.18	B 0.044	1.0	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lithium	0.050	U 0.050	0.10	1	ug/L		06/15/07 12:31 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	53	U 53	500	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Manganese	4.9	0.080	1.0	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Mercury - Low Level	0.291	0.163	0.163	1	ng/L		06/22/07 09:45 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/21/07 09:11 AM	Anl By: TLH	
Molybdenum	0.42	B 0.12	10	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Nickel	0.79	B 0.075	1.0	1	ug/L	XA	06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Potassium	41	B 6.2	500	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Selenium	0.16	B 0.15	1.0	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Sodium	2400	46	500	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : FBK-002

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.060	B 0.030	1.0	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Zinc	4.2	B 2.1	10	1	ug/L		06/14/07 12:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Bicarbonate Alkalinity	4.3	B 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	4.1	B 1.1	5.0	1	mg/L		06/08/07 03:57 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 11:10 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/19/07 08:35 AM		Anl By: DAW
Fluoride	0.20	B 0.059	0.50	1	mg/L		06/08/07 03:57 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/18/07 01:11 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:28 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/08/07 03:57 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 03:57 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	0.51	U 0.51	4.0	1	mg/L		06/08/07 03:57 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/12/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	4.3	B 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP-002

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	1100	4.4	50	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Arsenic	26	0.093	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Barium	47	0.072	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Boron	100	1.1	10	1	ug/L	A	06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Calcium	79000	100	5000	10	ug/L		06/15/07 10:08 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Chromium	10	0.43	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cobalt	15	0.059	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Copper	4.2	0.12	1.0	1	ug/L	A	06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Hardness	360	1.5	20	10	mg/L		06/15/07 10:08 AM	SW846 3020A	6020/2340B
							Prep Date/Time:	Anl By: CCR	
Iron	56000	29	500	10	ug/L	X	06/15/07 10:08 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lead	0.62	B 0.044	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lithium	1.1	0.10	0.20	1	ug/L		06/15/07 12:48 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	40000	530	5000	10	ug/L		06/15/07 10:08 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Manganese	15000	0.80	10	10	ug/L		06/15/07 10:08 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Mercury - Low Level	1.01	0.163	0.500	1	ng/L		06/22/07 09:52 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/21/07 09:11 AM	Anl By: TLH	
Molybdenum	1.3	B 0.12	10	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Nickel	53	0.075	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Potassium	3800	6.2	500	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Selenium	0.31	B 0.15	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Sodium	6000	46	500	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	

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1241 Bellevue Street
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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP-002

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Vanadium	5.8	0.41	1.0	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Zinc	10	2.1	10	1	ug/L		06/15/07 10:38 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Bicarbonate Alkalinity	110	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	7.6	1.1	5.0	1	mg/L		06/08/07 04:12 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 11:11 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/19/07 08:35 AM		Anl By: DAW
Fluoride	0.21	B 0.059	0.50	1	mg/L		06/08/07 04:12 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	1.1	0.50	1.0	1	mg/L		06/20/07 08:11 AM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/19/07 01:38 PM		Anl By: DAW
Nitrogen, Nitrate	0.17	B 0.085	0.40	1	mg/L		06/08/07 04:12 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 04:12 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	300	5.1	40	10	mg/L		06/13/07 10:00 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	6.6	2.3	5.0	1	mg/L		06/12/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	110	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-6

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	1100	4.4	50	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Antimony	0.18	B 0.10	1.0	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Arsenic	26	0.093	1.0	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Barium	47	0.072	1.0	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Boron	97	1.1	10	1	ug/L	A	06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Calcium	78000	100	5000	10	ug/L		06/15/07 09:45 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Chromium	9.7	0.43	1.0	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cobalt	14	0.059	1.0	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Copper	4.1	0.12	1.0	1	ug/L	A	06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Hardness	360	1.5	20	10	mg/L		06/15/07 09:45 AM	SW846 3020A	6020/2340B
							Prep Date/Time:	Anl By: CCR	
Iron	57000	29	500	10	ug/L	X	06/15/07 09:45 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lead	0.69	B 0.044	1.0	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lithium	1.1	0.10	0.20	1	ug/L		06/15/07 12:52 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	41000	530	5000	10	ug/L		06/15/07 09:45 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Manganese	15000	0.80	10	10	ug/L		06/15/07 09:45 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Mercury - Low Level	1.07	0.163	0.500	1	ng/L		06/22/07 09:57 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/21/07 09:11 AM	Anl By: TLH	
Molybdenum	2.3	B 0.12	10	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Nickel	49	0.075	1.0	1	ug/L	X	06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Potassium	3700	6.2	500	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Selenium	0.37	B 0.15	1.0	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Sodium	5800	46	500	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-6

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.040	B 0.030	1.0	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Vanadium	5.8	0.41	1.0	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Zinc	6.7	B 2.1	10	1	ug/L		06/14/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Bicarbonate Alkalinity	110	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	7.6	1.1	5.0	1	mg/L		06/08/07 04:54 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 11:12 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/19/07 08:35 AM		Anl By: DAW
Fluoride	0.22	B 0.059	0.50	1	mg/L		06/08/07 04:54 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	1.3	0.50	1.0	1	mg/L		06/20/07 08:12 AM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/19/07 01:38 PM		Anl By: DAW
Nitrogen, Nitrate	0.17	B 0.085	0.40	1	mg/L		06/08/07 04:54 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 04:54 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	300	5.1	40	10	mg/L		06/13/07 10:36 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	9.0	2.3	5.0	1	mg/L		06/12/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	110	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-9P

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	67	4.4	50	1	ug/L	A	06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Arsenic	3.5	0.093	1.0	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Barium	42	0.072	1.0	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Boron	69	1.1	10	1	ug/L	A	06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Calcium	190000	100	5000	10	ug/L		06/15/07 10:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Chromium	0.97	B 0.43	1.0	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cobalt	13	0.059	1.0	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Copper	2.8	0.12	1.0	1	ug/L	A	06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Hardness	770	1.5	20	10	mg/L		06/15/07 10:23 AM	SW846 3020A	6020/2340B
							Prep Date/Time:	Anl By: CCR	
Iron	170000	29	500	10	ug/L	X	06/15/07 10:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lead	2.1	0.044	1.0	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lithium	5.2	0.25	0.50	1	ug/L		06/15/07 12:56 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	75000	530	5000	10	ug/L		06/15/07 10:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Manganese	28000	0.80	10	10	ug/L		06/15/07 10:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Mercury - Low Level	0.474	B 0.163	0.500	1	ng/L		06/22/07 10:04 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/21/07 09:11 AM	Anl By: TLH	
Molybdenum	0.12	U 0.12	10	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Nickel	1.2	0.075	1.0	1	ug/L	A	06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Potassium	7100	6.2	500	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Selenium	0.29	B 0.15	1.0	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Sodium	6400	46	500	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-9P

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Vanadium	1.2	0.41	1.0	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Zinc	14	2.1	10	1	ug/L		06/15/07 11:15 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Bicarbonate Alkalinity	83	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	4.9	B 1.1	5.0	1	mg/L		06/08/07 05:08 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 11:13 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/19/07 08:35 AM		Anl By: DAW
Fluoride	0.19	B 0.059	0.50	1	mg/L		06/08/07 05:08 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	1.3	0.50	1.0	1	mg/L		06/20/07 08:13 AM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/19/07 01:38 PM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/08/07 05:08 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 05:08 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	920	26	200	50	mg/L		06/13/07 10:48 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	4.0	B 2.3	5.0	1	mg/L		06/12/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	83	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-9

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	63	4.4	50	1	ug/L	A	06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Arsenic	3.9	0.093	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Barium	78	0.072	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Beryllium	0.080	B 0.070	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Boron	59	1.1	10	1	ug/L	A	06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Calcium	57000	100	5000	10	ug/L		06/15/07 10:30 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Chromium	1.3	0.43	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cobalt	7.8	0.059	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Copper	14	0.12	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Hardness	240	1.5	20	10	mg/L		06/15/07 10:30 AM	SW846 3020A	6020/2340B
							Prep Date/Time:	Anl By: CCR	
Iron	7700	2.9	50	1	ug/L	X	06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lead	0.52	B 0.044	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lithium	0.40	0.050	0.10	1	ug/L		06/15/07 01:00 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	24000	530	5000	10	ug/L		06/15/07 10:30 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Manganese	11000	0.80	10	10	ug/L		06/15/07 10:30 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Mercury - Low Level	0.515	0.163	0.500	1	ng/L		06/22/07 10:12 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/21/07 09:11 AM	Anl By: TLH	
Molybdenum	0.36	B 0.12	10	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Nickel	13	0.075	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Potassium	3500	6.2	500	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Selenium	0.27	B 0.15	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Sodium	3700	46	500	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-9

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Vanadium	1.8	0.41	1.0	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Zinc	25	2.1	10	1	ug/L		06/15/07 11:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Bicarbonate Alkalinity	73	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	3.5	B 1.1	5.0	1	mg/L		06/08/07 05:22 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 11:14 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/19/07 08:35 AM		Anl By: DAW
Fluoride	0.21	B 0.059	0.50	1	mg/L		06/08/07 05:22 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.51	B 0.50	1.0	1	mg/L		06/20/07 08:13 AM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/19/07 01:38 PM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/08/07 05:22 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 05:22 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	210	5.1	40	10	mg/L		06/13/07 11:00 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	5.2	2.3	5.0	1	mg/L		06/12/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	73	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-10

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-006

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	53	4.4	50	1	ug/L	A	06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Arsenic	4.1	0.093	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Barium	32	0.072	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Boron	45	1.1	10	1	ug/L	A	06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Calcium	19000	10	500	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cobalt	3.5	0.059	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Copper	0.92	B 0.12	1.0	1	ug/L	A	06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Hardness	84	0.15	2.0	1	mg/L		06/15/07 11:31 AM	SW846 3020A	6020/2340B
							Prep Date/Time:	Anl By: CCR	
Iron	6800	2.9	50	1	ug/L	X	06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lead	0.11	B 0.044	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lithium	1.6	0.25	0.50	1	ug/L		06/15/07 01:09 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	8900	53	500	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Manganese	2000	0.080	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Mercury - Low Level	0.498	B 0.163	0.500	1	ng/L		06/22/07 10:17 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/21/07 09:11 AM	Anl By: TLH	
Molybdenum	1.7	B 0.12	10	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Nickel	1.4	0.075	1.0	1	ug/L	A	06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Potassium	3000	6.2	500	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Selenium	0.15	U 0.15	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Sodium	1000	46	500	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-10

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-006

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Vanadium	0.52	B 0.41	1.0	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Zinc	2.1	B 2.1	10	1	ug/L		06/15/07 11:31 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Bicarbonate Alkalinity	73	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	3.1	B 1.1	5.0	1	mg/L		06/08/07 05:37 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 11:18 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/19/07 08:35 AM		Anl By: DAW
Fluoride	0.42	B 0.059	0.50	1	mg/L		06/08/07 05:37 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/18/07 01:15 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:28 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/08/07 05:37 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 05:37 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	21	0.51	4.0	1	mg/L		06/08/07 05:37 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	73	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-12

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-007

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	4.4	U 4.4	50	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Antimony	0.10	U 0.10	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Arsenic	9.1	0.093	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Barium	30	0.072	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Boron	34	1.1	10	1	ug/L	A	06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Calcium	36000	10	500	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Chromium	0.43	U 0.43	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Cobalt	0.21	B 0.059	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Copper	0.12	U 0.12	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Hardness	140	0.15	2.0	1	mg/L		06/15/07 11:39 AM	SW846 3020A	6020/2340B
							Prep Date/Time:		Anl By: CCR
Iron	10000	2.9	50	1	ug/L	X	06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Lead	0.044	U 0.044	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Lithium	1.2	0.25	0.50	1	ug/L		06/15/07 01:13 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM		Anl By: *PA
Magnesium	13000	53	500	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Manganese	1000	0.080	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Mercury - Low Level	0.386	B 0.163	0.500	1	ng/L		06/22/07 10:22 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/21/07 09:11 AM		Anl By: TLH
Molybdenum	0.12	U 0.12	10	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Nickel	0.12	B 0.075	1.0	1	ug/L	A	06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Potassium	1700	6.2	500	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Selenium	0.15	U 0.15	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Silver	0.11	U 0.11	0.50	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Sodium	3800	46	500	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-12

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-007

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Zinc	2.1	U 2.1	10	1	ug/L		06/15/07 11:39 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Bicarbonate Alkalinity	140	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	3.3	B 1.1	5.0	1	mg/L		06/08/07 06:19 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 11:19 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/19/07 08:35 AM		Anl By: DAW
Fluoride	0.19	B 0.059	0.50	1	mg/L		06/08/07 06:19 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.61	B 0.50	1.0	1	mg/L		06/20/07 08:14 AM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/19/07 01:38 PM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/08/07 06:19 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 06:19 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	10	0.51	4.0	1	mg/L		06/08/07 06:19 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	140	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : P-604

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-008

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	630	4.4	50	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Antimony	0.11	B 0.10	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Arsenic	0.74	B 0.093	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Barium	16	0.072	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Beryllium	0.65	B 0.070	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Boron	24	1.1	10	1	ug/L	A	06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Calcium	22000	10	500	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Chromium	2.1	0.43	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Cobalt	2.3	0.059	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Copper	200	0.12	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Hardness	91	0.15	2.0	1	mg/L		06/15/07 11:46 AM	SW846 3020A	6020/2340B
							Prep Date/Time:	Anl By: CCR	
Iron	1400	2.9	50	1	ug/L	X	06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lead	6.3	0.044	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Lithium	1.2	0.25	0.50	1	ug/L		06/15/07 01:17 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/12/07 09:48 PM	Anl By: *PA	
Magnesium	8700	53	500	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Manganese	37	0.080	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Mercury - Low Level	3.27	0.163	0.500	1	ng/L		06/22/07 10:39 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/21/07 09:11 AM	Anl By: TLH	
Molybdenum	8.9	B 0.12	10	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Nickel	3.9	0.075	1.0	1	ug/L	A	06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Potassium	2600	6.2	500	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Selenium	0.27	B 0.15	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	
Sodium	1800	46	500	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : P-604

Matrix Type : WATER
Collection Date : 06/07/07
Report Date : 07/09/07
Lab Sample Number : 884671-008

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Vanadium	2.4	0.41	1.0	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Zinc	72	2.1	10	1	ug/L		06/15/07 11:46 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/12/07 05:45 AM		Anl By: CCR
Bicarbonate Alkalinity	83	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS
Chloride	3.2	B 1.1	5.0	1	mg/L		06/08/07 06:33 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 11:19 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/19/07 08:35 AM		Anl By: DAW
Fluoride	0.26	B 0.059	0.50	1	mg/L		06/08/07 06:33 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/20/07 08:15 AM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/19/07 01:38 PM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/08/07 06:33 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/08/07 06:33 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	11	0.51	4.0	1	mg/L		06/08/07 06:33 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	83	3.2	10	1	mg/L		06/12/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: RRS

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-103

Matrix Type : WATER
Collection Date : 06/11/07
Report Date : 07/09/07
Lab Sample Number : 884756-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	41	B 4.4	50	1	ug/L	A	06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Antimony	0.21	B 0.10	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Arsenic	12	0.093	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Barium	65	0.072	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Beryllium	0.13	B 0.070	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Boron	44	1.1	10	1	ug/L	A	06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Cadmium	0.10	B 0.097	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Calcium	45000	10	500	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Chromium	0.95	B 0.43	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Cobalt	0.37	B 0.059	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Copper	8.5	0.12	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Hardness	180	0.15	2.0	1	mg/L		06/14/07 10:47 AM	SW846 3020A	6020/2340B
							Prep Date/Time:	Anl By: CCR	
Iron	48000	2.9	50	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Lead	0.52	B 0.044	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Lithium	0.99	0.080	0.26	1	ug/L		06/25/07 04:44 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM	Anl By: *PA	
Magnesium	16000	53	500	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Manganese	3800	0.080	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Molybdenum	1.5	B 0.12	10	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Nickel	1.2	0.075	1.0	1	ug/L	XA	06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Potassium	3100	6.2	500	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Selenium	0.38	B 0.15	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Sodium	5100	46	500	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Thallium	0.080	B 0.030	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	

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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-103

Matrix Type : WATER
Collection Date : 06/11/07
Report Date : 07/09/07
Lab Sample Number : 884756-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Vanadium	2.4	0.41	1.0	1	ug/L		06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Zinc	22	2.1	10	1	ug/L	A	06/14/07 10:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Bicarbonate Alkalinity	110	3.2	10	1	mg/L	N	06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	4.6	B 1.1	5.0	1	mg/L		06/12/07 05:09 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:32 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.24	B 0.059	0.50	1	mg/L		06/12/07 05:09 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	1.1	0.50	1.0	1	mg/L		06/18/07 12:45 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:25 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/12/07 05:09 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/12/07 05:09 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	130	5.1	40	10	mg/L		06/13/07 05:57 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	110	3.2	10	1	mg/L	N	06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-604

Matrix Type : WATER
Collection Date : 06/11/07
Report Date : 07/09/07
Lab Sample Number : 884756-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	66	4.4	50	1	ug/L	A	06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Arsenic	2.1	0.093	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Barium	34	0.072	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Boron	41	1.1	10	1	ug/L	A	06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Calcium	21000	10	500	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Cobalt	1.1	0.059	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Copper	1.4	0.12	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Hardness	90	0.15	2.0	1	mg/L		06/14/07 11:02 AM	SW846 3020A	6020/2340B
							Prep Date/Time:	Anl By: CCR	
Iron	8200	2.9	50	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Lead	0.13	B 0.044	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Lithium	3.0	0.080	0.26	1	ug/L		06/25/07 04:48 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM	Anl By: *PA	
Magnesium	9100	53	500	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Manganese	1600	0.080	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Mercury - Low Level	0.737	0.163	0.500	1	ng/L		06/18/07 12:49 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM	Anl By: TLH	
Molybdenum	2.3	B 0.12	10	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Nickel	1.4	0.075	1.0	1	ug/L	XA	06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Potassium	2600	6.2	500	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Selenium	0.18	B 0.15	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Sodium	4600	46	500	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-604

Matrix Type : WATER
Collection Date : 06/11/07
Report Date : 07/09/07
Lab Sample Number : 884756-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Zinc	3.2	B 2.1	10	1	ug/L	A	06/14/07 11:02 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Bicarbonate Alkalinity	98	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	3.2	B 1.1	5.0	1	mg/L		06/12/07 05:52 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:34 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.41	B 0.059	0.50	1	mg/L		06/12/07 05:52 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/18/07 12:46 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:25 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/12/07 05:52 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/12/07 05:52 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	11	0.51	4.0	1	mg/L		06/12/07 05:52 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	98	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-9

Matrix Type : WATER
Collection Date : 06/11/07
Report Date : 07/09/07
Lab Sample Number : 884756-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	20	B 4.4	50	1	ug/L	A	06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Antimony	0.15	B 0.10	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Arsenic	5.4	0.093	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Barium	26	0.072	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Boron	56	1.1	10	1	ug/L	A	06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Calcium	27000	10	500	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Cobalt	4.6	0.059	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Copper	3.4	0.12	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Hardness	100	0.15	2.0	1	mg/L		06/14/07 11:10 AM	SW846 3020A	6020/2340B
							Prep Date/Time:	Anl By: CCR	
Iron	4900	2.9	50	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Lead	0.53	B 0.044	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Lithium	1.0	0.080	0.26	1	ug/L		06/25/07 04:53 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM	Anl By: *PA	
Magnesium	8500	53	500	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Manganese	670	0.080	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Molybdenum	0.88	B 0.12	10	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Nickel	15	0.075	1.0	1	ug/L	XA	06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Potassium	3200	6.2	500	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Selenium	0.30	B 0.15	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Sodium	5300	46	500	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Thallium	0.030	U 0.030	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-9

Matrix Type : WATER
Collection Date : 06/11/07
Report Date : 07/09/07
Lab Sample Number : 884756-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Vanadium	0.52	B 0.41	1.0	1	ug/L		06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Zinc	8.1	B 2.1	10	1	ug/L	A	06/14/07 11:10 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Bicarbonate Alkalinity	60	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	3.7	B 1.1	5.0	1	mg/L		06/12/07 06:06 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:35 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.21	B 0.059	0.50	1	mg/L		06/12/07 06:06 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/18/07 12:47 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:25 AM		Anl By: DAW
Nitrogen, Nitrate	0.19	B 0.085	0.40	1	mg/L		06/12/07 06:06 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/12/07 06:06 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	56	0.51	4.0	1	mg/L		06/12/07 06:06 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	60	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP003

Matrix Type : WATER
Collection Date : 06/11/07
Report Date : 07/09/07
Lab Sample Number : 884756-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	50	B 4.4	50	1	ug/L	A	06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Antimony	0.10	U 0.10	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Arsenic	2.1	0.093	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Barium	34	0.072	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Boron	42	1.1	10	1	ug/L	A	06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Calcium	21000	10	500	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Chromium	0.43	U 0.43	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Cobalt	1.1	0.059	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Copper	1.2	0.12	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Hardness	91	0.15	2.0	1	mg/L		06/14/07 11:18 AM	SW846 3020A	6020/2340B
							Prep Date/Time:		Anl By: CCR
Iron	8800	2.9	50	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Lead	0.17	B 0.044	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Lithium	3.0	0.080	0.26	1	ug/L		06/25/07 04:57 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM		Anl By: *PA
Magnesium	9100	53	500	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Manganese	1600	0.080	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Mercury - Low Level	0.725	0.163	0.500	1	ng/L		06/18/07 11:54 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM		Anl By: TLH
Molybdenum	2.2	B 0.12	10	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Nickel	1.3	0.075	1.0	1	ug/L	XA	06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Potassium	2500	6.2	500	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Selenium	0.16	B 0.15	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Silver	0.11	U 0.11	0.50	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Sodium	4600	46	500	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP003

Matrix Type : WATER
Collection Date : 06/11/07
Report Date : 07/09/07
Lab Sample Number : 884756-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Zinc	3.5	B 2.1	10	1	ug/L	A	06/14/07 11:18 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Bicarbonate Alkalinity	96	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	3.2	B 1.1	5.0	1	mg/L		06/12/07 06:20 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:36 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.41	B 0.059	0.50	1	mg/L		06/12/07 06:20 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/18/07 12:49 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:25 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/12/07 06:20 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/12/07 06:20 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	11	0.51	4.0	1	mg/L		06/12/07 06:20 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	96	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK003

Matrix Type : WATER
Collection Date : 06/11/07
Report Date : 07/09/07
Lab Sample Number : 884756-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	9.0	B 4.4	50	1	ug/L	A	06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Arsenic	0.093	U 0.093	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Barium	0.18	B 0.072	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Boron	190	1.1	10	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Calcium	10	U 10	500	1	ug/L	A	06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Cobalt	0.059	U 0.059	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Copper	1.2	0.12	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Hardness	0.15	U 0.15	2.0	1	mg/L		06/14/07 11:48 AM	SW846 3020A	6020/2340B
							Prep Date/Time:	Anl By: CCR	
Iron	2.9	U 2.9	50	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Lead	0.12	B 0.044	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Lithium	0.084	0.016	0.053	1	ug/L		06/25/07 05:01 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM	Anl By: *PA	
Magnesium	53	U 53	500	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Manganese	0.090	B 0.080	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Mercury - Low Level	0.285	0.163	0.163	1	ng/L		06/18/07 12:45 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM	Anl By: TLH	
Molybdenum	0.12	U 0.12	10	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Nickel	0.73	B 0.075	1.0	1	ug/L	XA	06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Potassium	39	B 6.2	500	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Selenium	0.15	U 0.15	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	
Sodium	2400	46	500	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK003

Matrix Type : WATER
Collection Date : 06/11/07
Report Date : 07/09/07
Lab Sample Number : 884756-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Zinc	5.3	B 2.1	10	1	ug/L	A	06/14/07 11:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/13/07 09:30 AM		Anl By: CCR
Bicarbonate Alkalinity	4.3	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	4.1	B 1.1	5.0	1	mg/L		06/12/07 06:34 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:40 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.19	B 0.059	0.50	1	mg/L		06/12/07 06:34 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/18/07 12:50 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:25 AM		Anl By: DAW
Nitrogen, Nitrate	0.18	B 0.085	0.40	1	mg/L		06/12/07 06:34 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/12/07 06:34 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	0.51	U 0.51	4.0	1	mg/L		06/12/07 06:34 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/14/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	4.3	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : FBK-004

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	4.4	U 4.4	50	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Arsenic	0.093	U 0.093	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Barium	0.090	B 0.072	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Boron	220	1.1	10	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Calcium	10	U 10	500	1	ug/L	A	06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cobalt	0.059	U 0.059	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Copper	1.2	0.12	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Hardness	0.15	U 0.15	2.0	1	mg/L		06/19/07 12:10 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Iron	2.9	U 2.9	50	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lead	0.13	B 0.044	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lithium	1.0	0.016	0.053	1	ug/L		06/25/07 04:07 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM	Anl By: *PA	
Magnesium	53	U 53	500	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Manganese	0.23	B 0.080	1.0	1	ug/L	A	06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Mercury - Low Level	0.317	0.163	0.163	1	ng/L		06/18/07 11:59 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM	Anl By: TLH	
Molybdenum	0.12	U 0.12	10	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Nickel	0.075	U 0.075	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Potassium	110	B 6.2	500	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Selenium	0.15	U 0.15	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Sodium	2800	46	500	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : FBK-004

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Zinc	2.1	U 2.1	10	1	ug/L		06/19/07 12:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Bicarbonate Alkalinity	4.3	B 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	4.3	B 1.1	5.0	1	mg/L		06/13/07 03:21 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:41 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.20	B 0.059	0.50	1	mg/L		06/13/07 03:21 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/18/07 12:51 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:25 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/13/07 03:21 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/13/07 03:21 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	0.51	U 0.51	4.0	1	mg/L		06/13/07 03:21 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	4.3	B 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

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1241 Bellevue Street
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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP-004

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	210	4.4	50	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Arsenic	23	0.093	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Barium	78	0.072	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Beryllium	0.070	B 0.070	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Boron	99	1.1	10	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Calcium	35000	10	500	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Chromium	1.5	0.43	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cobalt	0.34	B 0.059	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Copper	0.74	B 0.12	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Hardness	130	0.15	2.0	1	mg/L		06/19/07 12:18 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Iron	39000	2.9	50	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lead	0.15	B 0.044	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lithium	0.84	0.080	0.26	1	ug/L		06/25/07 04:11 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM	Anl By: *PA	
Magnesium	9500	53	500	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Manganese	6300	0.80	10	10	ug/L		06/19/07 01:55 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Mercury - Low Level	1.14	0.163	0.500	1	ng/L		06/18/07 12:03 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM	Anl By: TLH	
Molybdenum	1.0	B 0.12	10	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Nickel	0.69	B 0.075	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Potassium	3900	6.2	500	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Selenium	0.25	B 0.15	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Sodium	9000	46	500	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : DUP-004

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Vanadium	3.4	0.41	1.0	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Zinc	2.1	U 2.1	10	1	ug/L		06/19/07 12:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Bicarbonate Alkalinity	170	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	4.5	B 1.1	5.0	1	mg/L		06/13/07 03:35 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:41 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.42	B 0.059	0.50	1	mg/L		06/13/07 03:35 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	1.9	0.50	1.0	1	mg/L		06/18/07 12:54 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:25 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/13/07 03:35 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/13/07 03:35 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	0.51	U 0.51	4.0	1	mg/L		06/13/07 03:35 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.4	B 2.3	5.0	1	mg/L		06/14/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	170	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-101

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	200	4.4	50	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Arsenic	23	0.093	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Barium	79	0.072	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Beryllium	0.070	B 0.070	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Boron	97	1.1	10	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Calcium	34000	10	500	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Chromium	1.5	0.43	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cobalt	0.34	B 0.059	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Copper	0.72	B 0.12	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Hardness	120	0.15	2.0	1	mg/L		06/19/07 11:32 AM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Iron	39000	2.9	50	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lead	0.15	B 0.044	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lithium	0.81	0.080	0.26	1	ug/L		06/25/07 04:15 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM	Anl By: *PA	
Magnesium	9300	53	500	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Manganese	6500	0.80	10	10	ug/L		06/19/07 01:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Mercury - Low Level	1.20	0.163	0.500	1	ng/L		06/18/07 12:08 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM	Anl By: TLH	
Molybdenum	1.0	B 0.12	10	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Nickel	0.68	B 0.075	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Potassium	3800	6.2	500	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Selenium	0.21	B 0.15	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Sodium	8800	46	500	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-101

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Vanadium	3.3	0.41	1.0	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Zinc	2.1	U 2.1	10	1	ug/L		06/19/07 11:32 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Bicarbonate Alkalinity	170	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	4.5	B 1.1	5.0	1	mg/L		06/13/07 03:49 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:42 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.44	B 0.059	0.50	1	mg/L		06/13/07 03:49 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	1.8	0.50	1.0	1	mg/L		06/18/07 12:55 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:25 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/13/07 03:49 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/13/07 03:49 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	0.51	U 0.51	4.0	1	mg/L		06/13/07 03:49 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.6	B 2.3	5.0	1	mg/L		06/14/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	170	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-11

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	740	4.4	50	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Antimony	0.28	B 0.10	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Arsenic	9.1	0.093	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Barium	420	0.072	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Beryllium	5.0	0.070	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Boron	14	1.1	10	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Calcium	190000	100	5000	10	ug/L		06/19/07 02:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Chromium	9.3	0.43	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cobalt	10	0.059	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Copper	640	0.12	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Hardness	810	1.5	20	10	mg/L		06/19/07 02:33 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Iron	280000	29	500	10	ug/L		06/19/07 02:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lead	9.0	0.044	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lithium	4.3	0.080	0.26	1	ug/L		06/25/07 04:23 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM	Anl By: *PA	
Magnesium	78000	530	5000	10	ug/L		06/19/07 02:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Manganese	18000	0.80	10	10	ug/L		06/19/07 02:33 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Mercury - Low Level	3.22	0.163	0.500	1	ng/L		06/18/07 12:17 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM	Anl By: TLH	
Molybdenum	0.45	B 0.12	10	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Nickel	2.4	0.075	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Potassium	12000	6.2	500	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Selenium	1.2	0.15	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Silver	0.15	B 0.11	0.50	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Sodium	46000	46	500	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-11

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Vanadium	14	0.41	1.0	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Zinc	400	2.1	10	1	ug/L		06/19/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Bicarbonate Alkalinity	410	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	41	1.1	5.0	1	mg/L		06/13/07 04:03 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:43 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.059	U 0.059	0.50	1	mg/L		06/13/07 04:03 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	19	0.50	1.0	1	mg/L		06/18/07 12:56 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:25 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/13/07 04:03 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/13/07 04:03 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	860	10	80	20	mg/L		06/14/07 06:45 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/14/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	410	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-102

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/26/07
Lab Sample Number : 884812-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	320000	44	500	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Antimony	16	0.10	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Arsenic	290	0.093	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Barium	41	0.072	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Beryllium	43	0.70	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Boron	160	11	100	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Cadmium	67	0.097	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Calcium	350000	100	5000	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Chromium	3200	4.3	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Cobalt	4700	0.59	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Copper	11000	1.2	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Hardness	1900	1.5	20	10	mg/L		06/19/07 02:48 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Iron	2.9E+6	290	5000	100	ug/L		06/19/07 02:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Lead	45	0.044	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Lithium	310	0.080	0.26	1	ug/L		07/25/07 10:20 PM	EPA 3020	EPA 6020
							Prep Date/Time: 07/24/07 04:24 PM	**Anl By:** *PA	
Magnesium	260000	530	5000	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Manganese	18000	0.80	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Molybdenum	23	U 23	2000	200	ug/L	C	06/20/07 06:29 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Nickel	13000	0.75	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Potassium	2300	B 62	5000	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Selenium	0.60	B 0.15	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Silver	2.6	0.11	0.50	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Sodium	3900	B 460	5000	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Thallium	0.12	B 0.030	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-102

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/26/07
Lab Sample Number : 884812-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Vanadium	200	4.1	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Zinc	5700	2.1	10	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-601

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-006

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	5500	4.4	50	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Antimony	0.95	B 0.10	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Arsenic	67	0.093	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Barium	170	0.072	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Beryllium	0.30	B 0.070	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Boron	1000	1.1	10	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cadmium	0.22	B 0.097	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Calcium	76000	100	5000	10	ug/L		06/19/07 02:56 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Chromium	17	0.43	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cobalt	13	0.059	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Copper	32	0.12	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Hardness	260	1.5	20	10	mg/L		06/19/07 02:56 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Iron	26000	2.9	50	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lead	11	0.044	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Magnesium	17000	530	5000	10	ug/L		06/19/07 02:56 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Manganese	7700	0.80	10	10	ug/L		06/19/07 02:56 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Molybdenum	9.4	B 0.12	10	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Nickel	32	0.075	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Potassium	10000	6.2	500	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Selenium	1.2	0.15	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Sodium	65000	460	5000	10	ug/L		06/19/07 02:56 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Thallium	0.070	B 0.030	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Vanadium	18	0.41	1.0	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-601

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-006

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Zinc	45	2.1	10	1	ug/L		06/19/07 01:10 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-601

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-007

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Lithium	3.0	0.080	0.26	1	ug/L		06/25/07 04:19 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM		**Anl By:** *PA

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : PW-2

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-008

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	4600	4.4	50	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Antimony	0.58	B 0.10	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Arsenic	12	0.093	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Barium	62	0.072	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Beryllium	0.17	B 0.070	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Boron	82	1.1	10	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cadmium	4.8	0.097	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Calcium	58000	100	5000	10	ug/L		06/19/07 03:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Chromium	12	0.43	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cobalt	150	0.059	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Copper	23	0.12	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Hardness	270	1.5	20	10	mg/L		06/19/07 03:03 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Iron	13000	2.9	50	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lead	3.3	0.044	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lithium	22	0.080	0.26	1	ug/L		06/25/07 04:28 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM	Anl By: *PA	
Magnesium	31000	530	5000	10	ug/L		06/19/07 03:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Manganese	4200	0.080	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Mercury - Low Level	4.08	0.163	0.500	1	ng/L		06/18/07 12:22 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM	Anl By: TLH	
Molybdenum	4.4	B 0.12	10	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Nickel	320	0.075	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Potassium	4300	6.2	500	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Selenium	0.39	B 0.15	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Sodium	4300	46	500	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : PW-2

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-008

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.15	B 0.030	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Vanadium	13	0.41	1.0	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Zinc	120	2.1	10	1	ug/L		06/19/07 01:18 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Bicarbonate Alkalinity	120	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	4.4	B 1.1	5.0	1	mg/L		06/13/07 04:46 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/19/07 10:44 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.31	B 0.059	0.50	1	mg/L		06/13/07 04:46 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/18/07 12:57 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:25 AM		Anl By: DAW
Nitrogen, Nitrate	0.73	0.085	0.40	1	mg/L		06/13/07 04:46 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/13/07 04:46 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	170	5.1	40	10	mg/L		06/14/07 06:59 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/14/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	120	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-2

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-009

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	710	4.4	50	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Arsenic	32	0.093	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Barium	150	0.072	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Boron	40	1.1	10	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Calcium	47000	10	500	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Chromium	3.1	0.43	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cobalt	2.5	0.059	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Copper	3.9	0.12	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Hardness	180	0.15	2.0	1	mg/L		06/19/07 01:25 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Iron	14000	2.9	50	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lead	1.7	0.044	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lithium	1.7	0.080	0.26	1	ug/L		06/25/07 04:32 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 06:01 PM	Anl By: *PA	
Magnesium	14000	53	500	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Manganese	3200	0.080	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Molybdenum	2.6	B 0.12	10	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Nickel	6.1	0.075	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Potassium	3200	6.2	500	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Selenium	0.15	B 0.15	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Sodium	4500	46	500	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Thallium	0.030	U 0.030	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : KMW-2

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-009

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Vanadium	2.9	0.41	1.0	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Zinc	8.2	B 2.1	10	1	ug/L		06/19/07 01:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM		Anl By: CCR
Bicarbonate Alkalinity	150	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	4.0	B 1.1	5.0	1	mg/L		06/13/07 05:28 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L	N	06/19/07 10:45 AM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/18/07 02:31 PM		Anl By: DAW
Fluoride	0.21	B 0.059	0.50	1	mg/L		06/13/07 05:28 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/18/07 12:57 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/18/07 09:25 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/13/07 05:28 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/13/07 05:28 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	62	0.51	4.0	1	mg/L		06/13/07 05:28 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	150	3.2	10	1	mg/L		06/14/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-601

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/09/07
Lab Sample Number : 884812-010

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Mercury - Low Level	15.7	0.163	0.500	1	ng/L		06/18/07 12:27 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/14/07 11:00 AM		Anl By: TLH

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HYG-1

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	9.2	B 4.4	50	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Antimony	9.6	0.10	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Arsenic	0.48	B 0.093	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Barium	55	0.072	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Boron	55	1.1	10	1	ug/L		06/25/07 03:16 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Calcium	57000	100	5000	10	ug/L		06/25/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cobalt	3.5	0.059	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Copper	1.4	0.12	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Hardness	250	1.5	20	10	mg/L		06/25/07 06:23 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Iron	200	2.9	50	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lead	0.044	U 0.044	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lithium	0.050	U 0.050	0.10	1	ug/L		06/26/07 11:39 AM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 02:28 PM	Anl By: *PA	
Magnesium	26000	530	5000	10	ug/L		06/25/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Manganese	26	0.080	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Mercury - Low Level	0.994	0.163	0.500	1	ng/L		06/25/07 10:20 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/22/07 03:58 PM	Anl By: TLH	
Molybdenum	11	0.12	10	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Nickel	0.71	B 0.075	1.0	1	ug/L	A	06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Potassium	9000	6.2	500	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Selenium	0.55	B 0.15	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Sodium	15000	46	500	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HYG-1

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Vanadium	0.55	B 0.41	1.0	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Zinc	2.1	U 2.1	10	1	ug/L		06/22/07 05:03 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Bicarbonate Alkalinity	110	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	12	1.1	5.0	1	mg/L		06/19/07 10:59 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 01:58 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 10:13 AM		Anl By: DAW
Fluoride	0.30	B 0.059	0.50	1	mg/L		06/19/07 10:59 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 01:33 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 08:06 AM		Anl By: DAW
Nitrogen, Nitrate	2.0	0.085	0.40	1	mg/L		06/19/07 10:59 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/19/07 10:59 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	140	5.1	40	10	mg/L		06/20/07 02:18 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	110	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 2:29 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Acetone	2.3	U 2.3	5.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HYG-1

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-001

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 2:29 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Toluene	0.67	U 0.67	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/21/07 2:29 AM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	96	64	132	1	%		06/21/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%		06/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	1	%		06/21/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-1

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	5.2	B 4.4	50	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Arsenic	0.82	B 0.093	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Barium	16	0.072	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Boron	91	1.1	10	1	ug/L		06/25/07 03:23 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Calcium	56000	100	5000	10	ug/L		06/25/07 06:05 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cobalt	1.9	0.059	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Copper	0.71	B 0.12	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Hardness	230	1.5	20	10	mg/L		06/25/07 06:05 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Iron	640	2.9	50	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lead	0.044	U 0.044	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lithium	2.7	0.25	0.50	1	ug/L		06/25/07 02:43 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 02:28 PM	Anl By: *PA	
Magnesium	23000	530	5000	10	ug/L		06/25/07 06:05 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Manganese	330	0.080	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Mercury - Low Level	0.639	0.163	0.500	1	ng/L		06/25/07 10:24 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/22/07 03:58 PM	Anl By: TLH	
Molybdenum	5.1	B 0.12	10	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Nickel	3.3	0.075	1.0	1	ug/L	A	06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Potassium	3500	6.2	500	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Selenium	0.19	B 0.15	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Sodium	17000	46	500	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-1

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Zinc	4.0	B 2.1	10	1	ug/L		06/22/07 05:08 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Bicarbonate Alkalinity	120	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	12	1.1	5.0	1	mg/L		06/20/07 12:09 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 01:59 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 10:13 AM		Anl By: DAW
Fluoride	0.24	B 0.059	0.50	1	mg/L		06/20/07 12:09 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 01:34 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 08:06 AM		Anl By: DAW
Nitrogen, Nitrate	0.45	0.085	0.40	1	mg/L		06/20/07 12:09 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 12:09 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	120	5.1	40	10	mg/L		06/20/07 03:00 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	120	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 2:53 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Acetone	2.3	U 2.3	5.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-1

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-002

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 2:53 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Toluene	0.67	U 0.67	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/21/07 2:53 AM	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL						
4-Bromofluorobenzene	96	64	132	1	%		06/21/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%		06/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%		06/21/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-1A

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	4.4	U 4.4	50	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Antimony	6.8	0.10	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Arsenic	0.23	B 0.093	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Barium	48	0.072	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Boron	66	1.1	10	1	ug/L		06/25/07 03:29 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Calcium	46000	10	500	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cobalt	2.5	0.059	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Copper	3.9	0.12	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Hardness	220	0.15	2.0	1	mg/L		06/22/07 05:13 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Iron	3500	2.9	50	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lead	0.55	B 0.044	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lithium	0.050	U 0.050	0.10	1	ug/L		06/26/07 11:43 AM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 02:28 PM	Anl By: *PA	
Magnesium	26000	53	500	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Manganese	29	0.080	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Mercury - Low Level	1.01	0.163	0.500	1	ng/L		06/25/07 11:56 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/22/07 03:58 PM	Anl By: TLH	
Molybdenum	9.4	B 0.12	10	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Nickel	0.76	B 0.075	1.0	1	ug/L	A	06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Potassium	7100	6.2	500	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Selenium	0.40	B 0.15	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Sodium	15000	46	500	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-1A

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Zinc	2.1	U 2.1	10	1	ug/L		06/22/07 05:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Bicarbonate Alkalinity	100	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	11	1.1	5.0	1	mg/L		06/20/07 12:24 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 01:59 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 10:13 AM		Anl By: DAW
Fluoride	0.27	B 0.059	0.50	1	mg/L		06/20/07 12:24 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 01:35 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 08:06 AM		Anl By: DAW
Nitrogen, Nitrate	1.3	0.085	0.40	1	mg/L		06/20/07 12:24 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 12:24 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	120	5.1	40	10	mg/L		06/20/07 03:15 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	100	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 3:17 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Acetone	2.3	U 2.3	5.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-1A

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-003

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 3:17 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Toluene	0.67	U 0.67	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/21/07 3:17 AM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	95	64	132	1	%		06/21/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%		06/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%		06/21/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-2

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	4.4	U 4.4	50	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Antimony	6.1	0.10	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Arsenic	0.38	B 0.093	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Barium	16	0.072	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Boron	74	1.1	10	1	ug/L		06/25/07 03:35 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Calcium	59000	100	5000	10	ug/L		06/25/07 06:41 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cobalt	2.0	0.059	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Copper	0.78	B 0.12	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Hardness	250	1.5	20	10	mg/L		06/25/07 06:41 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Iron	980	2.9	50	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lead	0.15	B 0.044	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lithium	1.0	0.25	0.50	1	ug/L		06/25/07 02:51 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 02:28 PM	Anl By: *PA	
Magnesium	25000	530	5000	10	ug/L		06/25/07 06:41 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Manganese	290	0.080	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Mercury - Low Level	1.41	0.163	0.500	1	ng/L		06/25/07 12:00 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/22/07 03:58 PM	Anl By: TLH	
Molybdenum	9.0	B 0.12	10	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Nickel	0.94	B 0.075	1.0	1	ug/L	A	06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Potassium	6000	6.2	500	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Selenium	0.15	U 0.15	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Sodium	14000	46	500	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-2

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Zinc	2.1	U 2.1	10	1	ug/L		06/22/07 05:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Bicarbonate Alkalinity	120	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	12	1.1	5.0	1	mg/L		06/20/07 12:38 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:02 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 10:13 AM		Anl By: DAW
Fluoride	0.27	B 0.059	0.50	1	mg/L		06/20/07 12:38 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 01:36 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 08:06 AM		Anl By: DAW
Nitrogen, Nitrate	0.95	0.085	0.40	1	mg/L		06/20/07 12:38 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 12:38 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	130	5.1	40	10	mg/L		06/20/07 03:29 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	120	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 3:40 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Acetone	2.6	J 2.3	5.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-2

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-004

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 3:40 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Toluene	0.67	U 0.67	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/21/07 3:40 AM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	95	64	132	1	%		06/21/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%		06/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	101	68	122	1	%		06/21/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-4

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	5.1	B 4.4	50	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Arsenic	3.4	0.093	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Barium	150	0.072	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Boron	73	1.1	10	1	ug/L		06/25/07 03:41 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Calcium	56000	100	5000	10	ug/L		06/25/07 06:47 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Chromium	0.51	B 0.43	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cobalt	0.060	B 0.059	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Copper	0.12	U 0.12	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Hardness	250	1.5	20	10	mg/L		06/25/07 06:47 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Iron	39000	2.9	50	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lead	15	0.044	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lithium	2.8	0.25	0.50	1	ug/L		06/25/07 02:56 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 02:28 PM	Anl By: *PA	
Magnesium	28000	530	5000	10	ug/L		06/25/07 06:47 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Manganese	850	0.080	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Mercury - Low Level	0.456	B 0.163	0.500	1	ng/L		06/25/07 12:16 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/22/07 03:58 PM	Anl By: TLH	
Molybdenum	0.37	B 0.12	10	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Nickel	1.3	0.075	1.0	1	ug/L	A	06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Potassium	5700	6.2	500	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Selenium	0.27	B 0.15	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Sodium	5200	46	500	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	

Pace Analytical Services, Inc.

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Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-4

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Vanadium	0.91	B 0.41	1.0	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Zinc	2.2	B 2.1	10	1	ug/L		06/22/07 05:24 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Bicarbonate Alkalinity	260	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	6.2	1.1	5.0	1	mg/L		06/20/07 12:52 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:03 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 10:13 AM		Anl By: DAW
Fluoride	0.22	B 0.059	0.50	1	mg/L		06/20/07 12:52 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	1.3	0.50	1.0	1	mg/L		06/22/07 01:39 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 08:06 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/20/07 12:52 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 12:52 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	8.5	0.51	4.0	1	mg/L		06/20/07 12:52 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	260	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 4:04 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Acetone	2.3	U 2.3	5.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-4

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-005

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 4:04 AM **Anl By:** SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Toluene	0.73	J 0.67	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/21/07 4:04 AM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	95	64	132	1	%		06/21/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%		06/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	101	68	122	1	%		06/21/07	SW846 5030B	SW846 8260B

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Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-5

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-006

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	4.4	U 4.4	50	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Arsenic	3.2	0.093	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Barium	82	0.072	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Boron	98	1.1	10	1	ug/L		06/25/07 03:47 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Calcium	48000	10	500	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cobalt	0.37	B 0.059	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Copper	0.12	U 0.12	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Hardness	220	0.15	2.0	1	mg/L		06/22/07 05:29 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Iron	2500	2.9	50	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lead	0.044	U 0.044	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lithium	3.4	0.25	0.50	1	ug/L		06/25/07 03:04 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 02:28 PM	Anl By: *PA	
Magnesium	24000	53	500	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Manganese	350	0.080	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Mercury - Low Level	0.384	B 0.163	0.500	1	ng/L		06/25/07 12:20 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/22/07 03:58 PM	Anl By: TLH	
Molybdenum	10	B 0.12	10	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Nickel	0.94	B 0.075	1.0	1	ug/L	A	06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Potassium	6600	6.2	500	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Selenium	0.19	B 0.15	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Sodium	16000	46	500	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	

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1241 Bellevue Street
Green Bay, WI 54302
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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-5

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-006

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Zinc	2.1	U 2.1	10	1	ug/L		06/22/07 05:29 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Bicarbonate Alkalinity	120	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	14	1.1	5.0	1	mg/L		06/20/07 01:06 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:04 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 10:13 AM		Anl By: DAW
Fluoride	0.25	B 0.059	0.50	1	mg/L		06/20/07 01:06 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 01:39 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 08:06 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/20/07 01:06 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 01:06 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	130	5.1	40	10	mg/L		06/20/07 04:11 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	120	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 4:28 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Acetone	2.3	U 2.3	5.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-5

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-006

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 4:28 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Toluene	0.85	J 0.67	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/21/07 4:28 AM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	94	64	132	1	%		06/21/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	1	%		06/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%		06/21/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-5A

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-007

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	4.9	B 4.4	50	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Antimony	9.3	0.10	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Arsenic	0.33	B 0.093	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Barium	48	0.072	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Boron	63	1.1	10	1	ug/L		06/25/07 03:53 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Calcium	55000	100	5000	10	ug/L		06/25/07 06:55 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Chromium	0.43	U 0.43	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Cobalt	3.2	0.059	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Copper	0.67	B 0.12	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Hardness	240	1.5	20	10	mg/L		06/25/07 06:55 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Iron	810	2.9	50	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Lead	0.050	B 0.044	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Lithium	0.050	U 0.050	0.10	1	ug/L		06/26/07 11:47 AM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 02:28 PM		Anl By: *PA
Magnesium	26000	530	5000	10	ug/L		06/25/07 06:55 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Manganese	9.9	0.080	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Mercury - Low Level	0.639	0.163	0.500	1	ng/L		06/25/07 12:25 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/22/07 03:58 PM		Anl By: TLH
Molybdenum	9.1	B 0.12	10	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Nickel	23	0.075	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Potassium	8400	6.2	500	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Selenium	0.39	B 0.15	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Silver	0.11	U 0.11	0.50	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Sodium	14000	46	500	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-5A

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-007

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Zinc	2.1	U 2.1	10	1	ug/L		06/22/07 05:35 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Bicarbonate Alkalinity	110	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	12	1.1	5.0	1	mg/L		06/20/07 01:20 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:08 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 10:13 AM		Anl By: DAW
Fluoride	0.29	B 0.059	0.50	1	mg/L		06/20/07 01:20 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 01:40 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 08:06 AM		Anl By: DAW
Nitrogen, Nitrate	2.0	0.085	0.40	1	mg/L		06/20/07 01:20 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 01:20 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	140	5.1	40	10	mg/L		06/20/07 04:26 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	110	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 4:51 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Acetone	2.3	U 2.3	5.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-5A

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-007

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 4:51 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Chloromethane	0.28	J 0.24	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Toluene	0.91	J 0.67	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/21/07 4:51 AM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	95	64	132	1	%		06/21/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%		06/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%		06/21/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-6

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-008

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	5.7	B 4.4	50	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Arsenic	4.4	0.093	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Barium	36	0.072	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Boron	73	1.1	10	1	ug/L		06/25/07 03:59 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Calcium	63000	100	5000	10	ug/L		06/25/07 07:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cobalt	0.42	B 0.059	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Copper	0.12	U 0.12	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Hardness	240	1.5	20	10	mg/L		06/25/07 07:01 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Iron	3000	2.9	50	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lead	0.044	U 0.044	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lithium	4.4	0.25	0.50	1	ug/L		06/25/07 03:12 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 02:28 PM	Anl By: *PA	
Magnesium	21000	530	5000	10	ug/L		06/25/07 07:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Manganese	350	0.080	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Mercury - Low Level	0.257	B 0.163	0.500	1	ng/L		06/25/07 12:46 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/22/07 03:58 PM	Anl By: TLH	
Molybdenum	3.4	B 0.12	10	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Nickel	0.72	B 0.075	1.0	1	ug/L	A	06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Potassium	3600	6.2	500	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Selenium	0.49	B 0.15	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Sodium	17000	46	500	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-6

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-008

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Zinc	2.1	U 2.1	10	1	ug/L		06/22/07 05:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Bicarbonate Alkalinity	150	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	13	1.1	5.0	1	mg/L		06/20/07 01:34 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:09 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 10:13 AM		Anl By: DAW
Fluoride	0.22	B 0.059	0.50	1	mg/L		06/20/07 01:34 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 01:41 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 08:06 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/20/07 01:34 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 01:34 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	110	5.1	40	10	mg/L		06/20/07 04:40 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	150	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 10:37 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Acetone	5.4	2.3	5.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-6

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-008

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 10:37 AM **Anl By:** SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Toluene	1.0	0.67	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/21/07 10:37 AM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	95	64	132	1	%		06/21/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%		06/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	1	%		06/21/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-6A

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-009

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	6.8	B 4.4	50	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Antimony	4.8	0.10	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Arsenic	0.15	B 0.093	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Barium	37	0.072	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Boron	96	1.1	10	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Calcium	47000	100	5000	10	ug/L		06/25/07 05:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Cobalt	0.64	B 0.059	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Copper	0.59	B 0.12	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Hardness	210	1.5	20	10	mg/L		06/25/07 05:42 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Iron	960	2.9	50	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Lead	0.044	U 0.044	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Lithium	0.050	U 0.050	0.10	1	ug/L		06/26/07 11:51 AM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 02:28 PM	Anl By: *PA	
Magnesium	23000	530	5000	10	ug/L		06/25/07 05:42 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Manganese	27	0.080	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Mercury - Low Level	0.578	0.163	0.500	1	ng/L		06/25/07 10:14 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/22/07 03:58 PM	Anl By: TLH	
Molybdenum	10	0.12	10	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Nickel	0.075	U 0.075	1.0	1	ug/L	A	06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Potassium	9400	6.2	500	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Selenium	0.15	U 0.15	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Sodium	12000	46	500	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-6A

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-009

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: CCR
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: CCR
Zinc	2.1	U 2.1	10	1	ug/L		06/20/07 12:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: CCR
Bicarbonate Alkalinity	110	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	11	1.1	5.0	1	mg/L		06/20/07 01:49 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:11 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 10:13 AM		Anl By: DAW
Fluoride	0.31	B 0.059	0.50	1	mg/L		06/20/07 01:49 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 02:13 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:56 AM		Anl By: DAW
Nitrogen, Nitrate	0.42	0.085	0.40	1	mg/L		06/20/07 01:49 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 01:49 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	120	5.1	40	10	mg/L		06/20/07 04:54 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	110	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/20/07 10:33 PM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Acetone	2.3	U 2.3	5.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-6A

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-009

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/20/07 10:33 PM **Anl By:** SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Chloroform	1.6	0.37	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Toluene	1.0	0.67	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/20/07 10:33 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	93	64	132	1	%		06/20/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%		06/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	102	68	122	1	%		06/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP005

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-010

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	6.3	B 4.4	50	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Arsenic	4.2	0.093	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Barium	35	0.072	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Boron	66	1.1	10	1	ug/L		06/25/07 04:06 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Calcium	64000	100	5000	10	ug/L		06/25/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Cobalt	0.43	B 0.059	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Copper	0.12	U 0.12	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Hardness	250	1.5	20	10	mg/L		06/25/07 07:07 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Iron	2900	2.9	50	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lead	0.044	U 0.044	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Lithium	4.3	0.25	0.50	1	ug/L		06/25/07 03:21 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 02:28 PM	Anl By: *PA	
Magnesium	21000	530	5000	10	ug/L		06/25/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Manganese	330	0.080	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Mercury - Low Level	0.378	B 0.163	0.500	1	ng/L		06/25/07 01:03 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/22/07 03:58 PM	Anl By: TLH	
Molybdenum	3.5	B 0.12	10	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Nickel	0.72	B 0.075	1.0	1	ug/L	A	06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Potassium	3400	6.2	500	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Selenium	0.52	B 0.15	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	
Sodium	16000	46	500	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: AWH	

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP005

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-010

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Zinc	2.1	U 2.1	10	1	ug/L		06/22/07 05:58 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: AWH
Bicarbonate Alkalinity	150	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	13	1.1	5.0	1	mg/L		06/20/07 02:31 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:09 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 10:13 AM		Anl By: DAW
Fluoride	0.22	B 0.059	0.50	1	mg/L		06/20/07 02:31 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 02:16 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:56 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/20/07 02:31 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 02:31 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	110	5.1	40	10	mg/L		06/20/07 05:08 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	150	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 11:03 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Acetone	5.3	2.3	5.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP005

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-010

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 11:03 AM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Toluene	1.0	0.67	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/21/07 11:03 AM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	92	64	132	1	%		06/21/07	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1	%		06/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68	122	1	%		06/21/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK005

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-011

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	4.4	U 4.4	50	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Antimony	0.10	U 0.10	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Arsenic	0.093	U 0.093	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Barium	0.072	U 0.072	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Beryllium	0.070	U 0.070	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Boron	200	1.1	10	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Cadmium	0.097	U 0.097	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Calcium	10	U 10	500	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Chromium	0.43	U 0.43	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Cobalt	0.059	U 0.059	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Copper	1.1	0.12	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Hardness	0.15	U 0.15	2.0	1	mg/L		06/20/07 12:17 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Iron	2.9	U 2.9	50	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Lead	0.090	B 0.044	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Lithium	0.95	0.050	0.10	1	ug/L		06/25/07 03:25 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 02:28 PM	Anl By: *PA	
Magnesium	53	U 53	500	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Manganese	0.080	U 0.080	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Mercury - Low Level	0.234	0.163	0.163	1	ng/L		06/25/07 10:10 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/22/07 03:58 PM	Anl By: TLH	
Molybdenum	0.12	U 0.12	10	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Nickel	0.075	U 0.075	1.0	1	ug/L	A	06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Potassium	100	B 6.2	500	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Selenium	0.15	U 0.15	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Silver	0.11	U 0.11	0.50	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	
Sodium	2700	46	500	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM	Anl By: CCR	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK005

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-011

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: CCR
Vanadium	0.41	U 0.41	1.0	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: CCR
Zinc	2.1	U 2.1	10	1	ug/L		06/20/07 12:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/19/07 02:15 PM		Anl By: CCR
Bicarbonate Alkalinity	11	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	3.8	B 1.1	5.0	1	mg/L		06/20/07 02:45 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:10 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 10:13 AM		Anl By: DAW
Fluoride	0.21	B 0.059	0.50	1	mg/L		06/20/07 02:45 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 02:16 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:56 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/20/07 02:45 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 02:45 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	0.51	U 0.51	4.0	1	mg/L		06/20/07 02:45 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	11	3.2	10	1	mg/L		06/20/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/20/07 11:20 PM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Acetone	2.3	U 2.3	5.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK005

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-011

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/20/07 11:20 PM **Anl By:** SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Toluene	0.67	U 0.67	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/20/07 11:20 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	92	64	132	1	%		06/20/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%		06/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	101	68	122	1	%		06/20/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 06/18/07
Report Date : 07/09/07
Lab Sample Number : 885050-012

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/20/07 10:56 PM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Acetone	2.3	U 2.3	5.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Methylene Chloride	0.77	J 0.43	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Toluene	0.67	U 0.67	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/20/07 10:56 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	93	64	132	1	%		06/20/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%		06/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	103	68	122	1	%		06/20/07	SW846 5030B	SW846 8260B

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1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-006

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	4.4	U 4.4	50	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Antimony	0.10	U 0.10	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Arsenic	0.093	U 0.093	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Barium	0.072	U 0.072	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Boron	200	1.1	10	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Calcium	10	U 10	500	1	ug/L	A	07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Chromium	0.43	U 0.43	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cobalt	0.059	U 0.059	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Copper	1.1	0.12	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Hardness	0.15	U 0.15	2.0	1	mg/L		07/01/07 07:07 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Iron	2.9	U 2.9	50	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lead	0.10	B 0.044	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lithium	0.85	0.016	0.053	1	ug/L		06/25/07 05:17 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 05:58 PM	Anl By: *PA	
Magnesium	53	U 53	500	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Manganese	0.080	U 0.080	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Mercury - Low Level	0.266	0.163	0.163	1	ng/L		06/27/07 09:54 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/26/07 09:07 AM	Anl By: TLH	
Molybdenum	0.12	U 0.12	10	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Nickel	0.075	U 0.075	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Potassium	30	B 6.2	500	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Selenium	0.37	B 0.15	1.0	1	ug/L	A	07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Sodium	2600	46	500	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	

Pace Analytical Services, Inc.

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-006

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Vanadium	0.41	U 0.41	1.0	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Zinc	2.1	U 2.1	10	1	ug/L		07/01/07 07:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Bicarbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	3.8	B 1.1	5.0	1	mg/L		06/20/07 05:22 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:15 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 12:36 PM		Anl By: DAW
Fluoride	0.21	B 0.059	0.50	1	mg/L		06/20/07 05:22 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 02:26 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:56 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/20/07 05:22 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 05:22 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	0.51	U 0.51	4.0	1	mg/L		06/20/07 05:22 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

BTEX + NAPHTHALENE

Prep Date/Time: 06/21/07 7:14 PM Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Benzene	0.14	U 0.14	1.0	1	ug/L		06/21/07 7:14 PM	SW846 5030B	SW846 8021B
Ethylbenzene	0.40	U 0.40	1.0	1	ug/L		06/21/07 7:14 PM	SW846 5030B	SW846 8021B
Naphthalene	0.47	U 0.47	1.0	1	ug/L		06/21/07 7:14 PM	SW846 5030B	SW846 8021B
Toluene	0.36	U 0.36	1.0	1	ug/L		06/21/07 7:14 PM	SW846 5030B	SW846 8021B
Xylene, m + p	0.74	U 0.74	2.0	1	ug/L		06/21/07 7:14 PM	SW846 5030B	SW846 8021B
Xylene, o	0.36	U 0.36	1.0	1	ug/L		06/21/07 7:14 PM	SW846 5030B	SW846 8021B
Surrogate		**LCL**	**UCL**						
a,a,a-Trifluorotoluene	101	80	124	1	%		06/21/07	SW846 5030B	SW846 8021B

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM Anl By: RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Acenaphthene	0.0086	U 0.0086	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Acenaphthylene	0.0085	U 0.0085	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Anthracene	0.012	U 0.012	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U 0.016	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.019	U 0.019	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U 0.016	0.050	1	ug/L	Z	06/23/07 5:52 AM	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-006

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-001

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM **Anl By:** RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Benzo(ghi)perylene	0.020	U 0.020	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.020	U 0.020	0.050	1	ug/L	Z	06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Chrysene	0.020	U 0.020	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.020	U 0.020	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Fluoranthene	0.016	U 0.016	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Fluorene	0.0095	U 0.0095	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.020	U 0.020	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Naphthalene	0.013	U 0.013	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Phenanthrene	0.012	U 0.012	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Pyrene	0.015	U 0.015	0.050	1	ug/L		06/23/07 5:52 AM	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**						
Nitrobenzene-d5	59	10	150	1	%		06/23/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	45	20	111	1	%		06/23/07	SW846 3510C	8270C-SIM
Terphenyl-d14	63	44	115	1	%		06/23/07	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-3

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	150	4.4	50	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Antimony	0.13	B 0.10	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Arsenic	0.59	B 0.093	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Barium	9.0	0.072	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Beryllium	0.14	B 0.070	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Boron	9.3	B 1.1	10	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Calcium	4200	10	500	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Chromium	0.43	U 0.43	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cobalt	4.9	0.059	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Copper	20	0.12	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Hardness	19	0.15	2.0	1	mg/L		07/01/07 07:31 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Iron	7200	2.9	50	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lead	0.24	B 0.044	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lithium	1.8	0.080	0.26	1	ug/L		06/25/07 05:38 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 05:58 PM	Anl By: *PA	
Magnesium	2100	53	500	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Manganese	61	0.080	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Mercury - Low Level	0.783	0.163	0.500	1	ng/L		06/27/07 09:59 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/26/07 09:07 AM	Anl By: TLH	
Molybdenum	0.12	U 0.12	10	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Nickel	20	0.075	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Potassium	1300	6.2	500	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Selenium	0.57	B 0.15	1.0	1	ug/L	A	07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Sodium	13000	46	500	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-3

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Vanadium	0.67	B 0.41	1.0	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Zinc	12	2.1	10	1	ug/L		07/01/07 07:31 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Bicarbonate Alkalinity	15	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	12	1.1	5.0	1	mg/L		06/20/07 05:36 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:19 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 12:36 PM		Anl By: DAW
Fluoride	0.21	B 0.059	0.50	1	mg/L		06/20/07 05:36 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 02:27 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:56 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/20/07 05:36 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 05:36 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	29	0.51	4.0	1	mg/L		06/20/07 05:36 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	15	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 5:59 PM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Acetone	2.3	U 2.3	5.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B

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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : HW-3

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-002

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 5:59 PM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Methylene Chloride	0.43	U 0.43	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Toluene	0.67	U 0.67	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/21/07 5:59 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	101	64	132	1	%		06/21/07	SW846 5030B	SW846 8260B
Toluene-d8	107	73	127	1	%		06/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	110	68	122	1	%		06/21/07	SW846 5030B	SW846 8260B

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-5

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	430	4.4	50	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Antimony	0.22	B 0.10	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Arsenic	110	0.093	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Barium	190	0.072	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Beryllium	0.14	B 0.070	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Boron	430	1.1	10	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cadmium	0.17	B 0.097	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Calcium	43000	10	500	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Chromium	8.4	0.43	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cobalt	2.5	0.059	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Copper	1.3	0.12	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Hardness	160	0.15	2.0	1	mg/L		07/01/07 07:49 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Iron	140000	29	500	10	ug/L		07/01/07 08:43 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lead	1.2	0.044	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lithium	0.25	0.016	0.053	1	ug/L		06/26/07 12:56 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 05:58 PM	Anl By: *PA	
Magnesium	14000	53	500	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Manganese	3400	0.080	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Mercury - Low Level	4.00	0.163	0.500	1	ng/L		06/27/07 10:16 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/26/07 09:07 AM	Anl By: TLH	
Molybdenum	1.7	B 0.12	10	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Nickel	14	0.075	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Potassium	9600	6.2	500	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Selenium	1.5	0.15	1.0	1	ug/L	A	07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Silver	0.17	B 0.11	0.50	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Sodium	64000	460	5000	10	ug/L		07/01/07 08:43 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-5

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-003

INORGANICS

Test	Result		MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.050	B	0.030	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
								Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Vanadium	20		0.41	1.0	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
								Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Zinc	9.6	B	2.1	10	1	ug/L		07/01/07 07:49 PM	SW846 3020A	SW846 6020
								Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Bicarbonate Alkalinity	390		3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
								Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
								Prep Date/Time:		Anl By: rsha
Chloride	9.6		1.1	5.0	1	mg/L		06/20/07 06:19 PM	EPA 300.0	EPA 300.0
								Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U	0.0060	0.020	1	mg/L		06/20/07 02:20 PM	EPA 335.4	EPA 335.4
								Prep Date/Time: 06/20/07 12:36 PM		Anl By: DAW
Fluoride	0.22	B	0.059	0.50	1	mg/L		06/20/07 06:19 PM	EPA 300.0	EPA 300.0
								Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	14		0.50	1.0	1	mg/L		06/22/07 02:30 PM	EPA 350.1	EPA 350.1
								Prep Date/Time: 06/22/07 09:56 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U	0.085	0.40	1	mg/L		06/20/07 06:19 PM	EPA 300.0	EPA 300.0
								Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U	0.036	0.10	1	mg/L		06/20/07 06:19 PM	EPA 300.0	EPA 300.0
								Prep Date/Time:		Anl By: GLL
Sulfate	3.3	B	0.51	4.0	1	mg/L		06/20/07 06:19 PM	EPA 300.0	EPA 300.0
								Prep Date/Time:		Anl By: GLL
Total Alkalinity	390		3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
								Prep Date/Time:		Anl By: rsha

BTEX + NAPHTHALENE

Prep Date/Time: 06/21/07 7:46 PM Anl By: PMS

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Benzene	10		0.69	5.0	5	ug/L		06/21/07 7:46 PM	SW846 5030B	SW846 8021B
Ethylbenzene	86		2.0	5.0	5	ug/L		06/21/07 7:46 PM	SW846 5030B	SW846 8021B
Naphthalene	29		2.3	5.0	5	ug/L		06/21/07 7:46 PM	SW846 5030B	SW846 8021B
Toluene	3.3	J	1.8	5.0	5	ug/L		06/21/07 7:46 PM	SW846 5030B	SW846 8021B
Xylene, m + p	670		3.7	10	5	ug/L		06/21/07 7:46 PM	SW846 5030B	SW846 8021B
Xylene, o	610		1.8	5.0	5	ug/L		06/21/07 7:46 PM	SW846 5030B	SW846 8021B
Surrogate			**LCL**	**UCL**						
a,a,a-Trifluorotoluene	101		80	124	1	%		06/21/07	SW846 5030B	SW846 8021B

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM Anl By: RJN

Analyte	Result		MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Acenaphthene	0.16	U	0.16	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Acenaphthylene	0.16	U	0.16	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Anthracene	0.23	U	0.23	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.31	U	0.31	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.37	U	0.37	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.31	U	0.31	0.94	20	ug/L	ZD	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.39	U	0.39	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.39	U	0.39	0.94	20	ug/L	ZD	06/23/07 12:15 PM	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-5

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-003

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM Anl By: RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Chrysene	0.38	U 0.38	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.38	U 0.38	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Fluoranthene	0.31	U 0.31	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Fluorene	0.18	U 0.18	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.38	U 0.38	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Naphthalene	8.3	0.25	0.94	20	ug/L	D*	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Phenanthrene	0.23	U 0.23	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Pyrene	0.29	U 0.29	0.94	20	ug/L	D	06/23/07 12:15 PM	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**						
Nitrobenzene-d5	0	10	150	20	%	D	06/23/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	20	111	20	%	D	06/23/07	SW846 3510C	8270C-SIM
Terphenyl-d14	0	44	115	20	%	D	06/23/07	SW846 3510C	8270C-SIM

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-006

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	480	4.4	50	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Antimony	0.10	U 0.10	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Arsenic	110	0.093	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Barium	190	0.072	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Beryllium	0.10	B 0.070	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Boron	430	1.1	10	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cadmium	0.11	B 0.097	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Calcium	44000	10	500	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Chromium	8.8	0.43	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cobalt	2.6	0.059	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Copper	1.3	0.12	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Hardness	170	0.15	2.0	1	mg/L		07/01/07 08:01 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Iron	140000	29	500	10	ug/L		07/01/07 08:55 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lead	1.4	0.044	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lithium	0.24	0.016	0.053	1	ug/L		06/26/07 12:59 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 05:58 PM	Anl By: *PA	
Magnesium	14000	53	500	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Manganese	3400	0.080	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Mercury - Low Level	4.05	0.163	0.500	1	ng/L		06/27/07 10:21 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/26/07 09:07 AM	Anl By: TLH	
Molybdenum	1.5	B 0.12	10	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Nickel	15	0.075	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Potassium	9900	6.2	500	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Selenium	1.3	0.15	1.0	1	ug/L	A	07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Sodium	65000	460	5000	10	ug/L		07/01/07 08:55 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-006

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Vanadium	20	0.41	1.0	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Zinc	10	2.1	10	1	ug/L		07/01/07 08:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Bicarbonate Alkalinity	380	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	9.6	1.1	5.0	1	mg/L		06/20/07 07:16 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:21 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 12:36 PM		Anl By: DAW
Fluoride	0.22	B 0.059	0.50	1	mg/L		06/20/07 07:16 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	14	0.50	1.0	1	mg/L		06/22/07 02:31 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:56 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/20/07 07:16 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 07:16 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	3.2	B 0.51	4.0	1	mg/L		06/20/07 07:16 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	380	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

BTEX + NAPHTHALENE

Prep Date/Time: 06/21/07 8:18 PM Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Benzene	10	0.69	5.0	5	ug/L		06/21/07 8:18 PM	SW846 5030B	SW846 8021B
Ethylbenzene	88	2.0	5.0	5	ug/L		06/21/07 8:18 PM	SW846 5030B	SW846 8021B
Naphthalene	31	2.3	5.0	5	ug/L		06/21/07 8:18 PM	SW846 5030B	SW846 8021B
Toluene	3.2	J 1.8	5.0	5	ug/L		06/21/07 8:18 PM	SW846 5030B	SW846 8021B
Xylene, m + p	700	3.7	10	5	ug/L		06/21/07 8:18 PM	SW846 5030B	SW846 8021B
Xylene, o	630	1.8	5.0	5	ug/L		06/21/07 8:18 PM	SW846 5030B	SW846 8021B
Surrogate		**LCL**	**UCL**						
a,a,a-Trifluorotoluene	101	80	124	1	%		06/21/07	SW846 5030B	SW846 8021B

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM Anl By: RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Acenaphthene	0.041	J 0.0082	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Acenaphthylene	0.047	0.0081	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Anthracene	0.020	J 0.012	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U 0.016	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U 0.018	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U 0.016	0.047	1	ug/L	Z	06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U 0.019	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U 0.019	0.047	1	ug/L	Z	06/23/07 6:16 AM	SW846 3510C	8270C-SIM

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-006

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-004

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM Anl By: RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Chrysene	0.019	U 0.019	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U 0.019	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U 0.015	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Fluorene	0.17	0.0091	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U 0.019	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Naphthalene	6.9	0.25	0.94	20	ug/L	D	06/26/07 8:48 AM	SW846 3510C	8270C-SIM
Phenanthrene	0.044	J 0.011	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Pyrene	0.015	U 0.015	0.047	1	ug/L		06/23/07 6:16 AM	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**						
Nitrobenzene-d5	197	10	150	1	%	F	06/23/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	52	20	111	1	%		06/23/07	SW846 3510C	8270C-SIM
Terphenyl-d14	79	44	115	1	%		06/23/07	SW846 3510C	8270C-SIM

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-1

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	650	4.4	50	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Antimony	0.10	U 0.10	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Arsenic	8.1	0.093	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Barium	86	0.072	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Beryllium	0.070	B 0.070	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Boron	92	1.1	10	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Calcium	22000	10	500	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Chromium	3.1	0.43	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cobalt	4.2	0.059	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Copper	2.0	0.12	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Hardness	97	0.15	2.0	1	mg/L		07/01/07 08:07 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Iron	23000	2.9	50	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lead	1.2	0.044	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lithium	0.95	0.080	0.26	1	ug/L		06/25/07 05:51 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 05:58 PM	Anl By: *PA	
Magnesium	10000	53	500	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Manganese	4100	0.080	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Mercury - Low Level	9.56	0.163	0.500	1	ng/L		06/27/07 01:09 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/26/07 09:07 AM	Anl By: TLH	
Molybdenum	0.94	B 0.12	10	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Nickel	1.2	0.075	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Potassium	3200	6.2	500	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Selenium	0.47	B 0.15	1.0	1	ug/L	A	07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Sodium	3400	46	500	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-1

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Vanadium	6.4	0.41	1.0	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Zinc	2.9	B 2.1	10	1	ug/L		07/01/07 08:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Bicarbonate Alkalinity	110	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	4.6	B 1.1	5.0	1	mg/L		06/20/07 07:44 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:22 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 12:36 PM		Anl By: DAW
Fluoride	0.21	B 0.059	0.50	1	mg/L		06/20/07 07:44 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	1.3	0.50	1.0	1	mg/L		06/22/07 02:31 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:56 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/20/07 07:44 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 07:44 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	10	0.51	4.0	1	mg/L		06/20/07 07:44 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	110	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

BTEX + NAPHTHALENE

Prep Date/Time: 06/21/07 8:50 PM Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Benzene	0.14	U 0.14	1.0	1	ug/L		06/21/07 8:50 PM	SW846 5030B	SW846 8021B
Ethylbenzene	0.40	U 0.40	1.0	1	ug/L		06/21/07 8:50 PM	SW846 5030B	SW846 8021B
Naphthalene	0.47	J 0.47	1.0	1	ug/L		06/21/07 8:50 PM	SW846 5030B	SW846 8021B
Toluene	1.2	0.36	1.0	1	ug/L		06/21/07 8:50 PM	SW846 5030B	SW846 8021B
Xylene, m + p	0.74	U 0.74	2.0	1	ug/L		06/21/07 8:50 PM	SW846 5030B	SW846 8021B
Xylene, o	0.36	U 0.36	1.0	1	ug/L		06/21/07 8:50 PM	SW846 5030B	SW846 8021B
Surrogate		**LCL**	**UCL**						
a,a,a-Trifluorotoluene	101	80	124	1	%		06/21/07	SW846 5030B	SW846 8021B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-1

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-006

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	410	4.4	50	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Antimony	0.10	U 0.10	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Arsenic	1.8	0.093	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Barium	53	0.072	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Boron	51	1.1	10	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cadmium	0.16	B 0.097	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Calcium	23000	10	500	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Chromium	2.0	0.43	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cobalt	0.54	B 0.059	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Copper	2.1	0.12	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Hardness	110	0.15	2.0	1	mg/L		07/01/07 08:13 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Iron	15000	2.9	50	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lead	2.8	0.044	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lithium	0.16	0.016	0.053	1	ug/L		06/26/07 01:03 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 05:58 PM	Anl By: *PA	
Magnesium	13000	53	500	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Manganese	1900	0.080	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Mercury - Low Level	9.95	0.163	0.500	1	ng/L		06/27/07 10:54 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/26/07 09:07 AM	Anl By: TLH	
Molybdenum	0.12	U 0.12	10	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Nickel	0.68	B 0.075	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Potassium	3600	6.2	500	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Selenium	0.79	B 0.15	1.0	1	ug/L	A	07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Sodium	4200	46	500	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	

Pace Analytical Services, Inc.

1241 Bellevue Street
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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-1

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-006

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Vanadium	4.4	0.41	1.0	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Zinc	2.8	B 2.1	10	1	ug/L		07/01/07 08:13 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Bicarbonate Alkalinity	110	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	4.1	B 1.1	5.0	1	mg/L		06/20/07 08:12 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:22 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 12:36 PM		Anl By: DAW
Fluoride	0.059	U 0.059	0.50	1	mg/L		06/20/07 08:12 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.67	B 0.50	1.0	1	mg/L		06/22/07 02:32 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:56 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/20/07 08:12 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 08:12 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	21	0.51	4.0	1	mg/L		06/20/07 08:12 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	110	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM Anl By: RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Acenaphthene	0.0091	U 0.0091	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Acenaphthylene	0.0090	U 0.0090	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Anthracene	0.013	U 0.013	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.017	U 0.017	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.020	U 0.020	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.017	U 0.017	0.053	1	ug/L	Z	06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.022	U 0.022	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.022	U 0.022	0.053	1	ug/L	Z	06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Chrysene	0.021	U 0.021	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.021	U 0.021	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Fluoranthene	0.017	U 0.017	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Fluorene	0.010	U 0.010	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.021	U 0.021	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Naphthalene	0.017	J 0.014	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Phenanthrene	0.014	J 0.013	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM
Pyrene	0.016	U 0.016	0.053	1	ug/L		06/23/07 6:40 AM	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-1

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-006

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM Anl By: RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Surrogate		**LCL**	**UCL**						
Nitrobenzene-d5	56	10	150	1	%		06/23/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	65	20	111	1	%		06/23/07	SW846 3510C	8270C-SIM
Terphenyl-d14	75	44	115	1	%		06/23/07	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK 3

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-007

VOLATILES - SPECIAL LIST

Prep Date/Time: 06/21/07 1:59 PM Anl By: SMT

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	0.90	U 0.90	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	0.20	U 0.20	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	0.42	U 0.42	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	0.75	U 0.75	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	0.57	U 0.57	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	0.36	U 0.36	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	U 1.4	2.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	0.46	U 0.46	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
2-Butanone	4.3	U 4.3	5.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
2-Hexanone	1.1	U 1.1	5.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	1.2	U 1.2	5.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Acetone	2.3	U 2.3	5.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Benzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	0.56	U 0.56	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Bromoform	0.94	U 0.94	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Bromomethane	0.91	U 0.91	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	0.66	U 0.66	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	0.49	U 0.49	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Chlorobenzene	0.41	U 0.41	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	0.81	U 0.81	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Chloroethane	0.97	U 0.97	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Chloroform	0.37	U 0.37	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Chloromethane	0.24	U 0.24	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Ethylbenzene	0.54	U 0.54	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Methylene Chloride	0.75	J 0.43	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Naphthalene	0.74	U 0.74	5.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Styrene	0.86	U 0.86	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.45	U 0.45	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Toluene	0.67	U 0.67	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	0.19	U 0.19	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Trichloroethene	0.48	U 0.48	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.18	U 0.18	1.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Xylene, Total	2.6	U 2.6	3.0	1	ug/L		06/21/07 1:59 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**						
4-Bromofluorobenzene	99	64	132	1	%		06/21/07	SW846 5030B	SW846 8260B
Toluene-d8	98	73	127	1	%		06/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68	122	1	%		06/21/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : TRIP BLANK 3

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-008

BTEX + NAPHTHALENE

Prep Date/Time: 06/21/07 9:22 PM **Anl By:** PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Benzene	0.14	U 0.14	1.0	1	ug/L		06/21/07 9:22 PM	SW846 5030B	SW846 8021B
Ethylbenzene	0.40	U 0.40	1.0	1	ug/L		06/21/07 9:22 PM	SW846 5030B	SW846 8021B
Naphthalene	0.47	U 0.47	1.0	1	ug/L		06/21/07 9:22 PM	SW846 5030B	SW846 8021B
Toluene	0.36	U 0.36	1.0	1	ug/L		06/21/07 9:22 PM	SW846 5030B	SW846 8021B
Xylene, m + p	0.74	U 0.74	2.0	1	ug/L		06/21/07 9:22 PM	SW846 5030B	SW846 8021B
Xylene, o	0.36	U 0.36	1.0	1	ug/L		06/21/07 9:22 PM	SW846 5030B	SW846 8021B
Surrogate		LCL	UCL						
a,a,a-Trifluorotoluene	102	80	124	1	%		06/21/07	SW846 5030B	SW846 8021B

Pace Analytical Services, Inc.

1241 Bellevue Street
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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-104

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-009

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	110	4.4	50	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Antimony	0.39	B 0.10	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Arsenic	54	0.093	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Barium	160	0.072	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Boron	52	1.1	10	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Calcium	20000	10	500	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Chromium	3.1	0.43	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cobalt	0.64	B 0.059	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Copper	3.2	0.12	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Hardness	74	0.15	2.0	1	mg/L		07/01/07 08:19 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Iron	54000	29	500	10	ug/L		07/01/07 09:01 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lead	6.3	0.044	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lithium	2.7	0.080	0.26	1	ug/L		06/25/07 05:59 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 05:58 PM	Anl By: *PA	
Magnesium	5600	53	500	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Manganese	2200	0.080	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Mercury - Low Level	4.29	0.163	0.500	1	ng/L		06/27/07 11:04 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/26/07 09:07 AM	Anl By: TLH	
Molybdenum	2.6	B 0.12	10	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Nickel	6.0	0.075	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Potassium	5300	6.2	500	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Selenium	0.64	B 0.15	1.0	1	ug/L	A	07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Sodium	2900	46	500	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	

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920-469-2436

Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-104

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-009

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Vanadium	4.5	0.41	1.0	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Zinc	21	2.1	10	1	ug/L		07/01/07 08:19 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Bicarbonate Alkalinity	110	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	3.4	B 1.1	5.0	1	mg/L		06/20/07 08:41 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/20/07 02:23 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 12:36 PM		Anl By: DAW
Fluoride	0.22	B 0.059	0.50	1	mg/L		06/20/07 08:41 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	1.1	0.50	1.0	1	mg/L		06/22/07 02:33 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:56 AM		Anl By: DAW
Nitrogen, Nitrate	0.14	B 0.085	0.40	1	mg/L		06/20/07 08:41 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 08:41 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	22	0.51	4.0	1	mg/L		06/20/07 08:41 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	110	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

BTEX + NAPHTHALENE

Prep Date/Time: 06/21/07 6:42 PM Anl By: PMS

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Benzene	0.35	J 0.14	1.0	1	ug/L		06/21/07 6:42 PM	SW846 5030B	SW846 8021B
Ethylbenzene	0.40	U 0.40	1.0	1	ug/L		06/21/07 6:42 PM	SW846 5030B	SW846 8021B
Naphthalene	5.5	0.47	1.0	1	ug/L		06/21/07 6:42 PM	SW846 5030B	SW846 8021B
Toluene	0.36	U 0.36	1.0	1	ug/L		06/21/07 6:42 PM	SW846 5030B	SW846 8021B
Xylene, m + p	1.1	J 0.74	2.0	1	ug/L		06/21/07 6:42 PM	SW846 5030B	SW846 8021B
Xylene, o	1.9	0.36	1.0	1	ug/L		06/21/07 6:42 PM	SW846 5030B	SW846 8021B
Surrogate		**LCL**	**UCL**						
a,a,a-Trifluorotoluene	111	80	124	1	%		06/21/07	SW846 5030B	SW846 8021B

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM Anl By: RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Acenaphthene	0.067	J 0.041	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Acenaphthylene	0.041	U 0.041	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Anthracene	0.058	U 0.058	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.078	U 0.078	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.092	U 0.092	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.092	J 0.078	0.24	5	ug/L	KZ	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.096	U 0.096	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.097	U 0.097	0.24	5	ug/L	KZ	06/25/07 4:44 PM	SW846 3510C	8270C-SIM

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-104

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-009

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM **Anl By:** RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Chrysene	0.095	U 0.095	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.094	U 0.094	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Fluoranthene	0.077	U 0.077	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Fluorene	0.045	U 0.045	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.094	U 0.094	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Naphthalene	0.062	U 0.062	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Phenanthrene	0.057	U 0.057	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Pyrene	0.13	J 0.073	0.24	5	ug/L	K	06/25/07 4:44 PM	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**						
Nitrobenzene-d5	52	10	150	5	%		06/25/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	57	20	111	5	%		06/25/07	SW846 3510C	8270C-SIM
Terphenyl-d14	76	44	115	5	%		06/25/07	SW846 3510C	8270C-SIM

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-4

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-010

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	220	4.4	50	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Antimony	0.17	B 0.10	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Arsenic	63	0.093	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Barium	180	0.072	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Boron	190	1.1	10	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cadmium	0.20	B 0.097	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Calcium	33000	10	500	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Chromium	4.6	0.43	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Cobalt	7.7	0.059	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Copper	13	0.12	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Hardness	130	0.15	2.0	1	mg/L		07/01/07 08:25 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Iron	99000	29	500	10	ug/L		07/01/07 09:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lead	3.7	0.044	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Lithium	0.43	0.016	0.053	1	ug/L		06/26/07 01:07 PM	EPA 3020	EPA 6020
							Prep Date/Time: 06/21/07 05:58 PM	Anl By: *PA	
Magnesium	13000	53	500	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Manganese	8100	0.80	10	10	ug/L		07/01/07 09:07 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Mercury - Low Level	12.2	1.63	5.00	10	ng/L		06/27/07 12:19 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/26/07 09:07 AM	Anl By: TLH	
Molybdenum	2.6	B 0.12	10	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Nickel	3.0	0.075	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Potassium	6800	6.2	500	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Selenium	0.86	B 0.15	1.0	1	ug/L	A	07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Silver	0.31	B 0.11	0.50	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	
Sodium	22000	46	500	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM	Anl By: AWH	

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1241 Bellevue Street
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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-4

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-010

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.030	U 0.030	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Vanadium	10	0.41	1.0	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Zinc	7.6	B 2.1	10	1	ug/L		07/01/07 08:25 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/21/07 10:07 AM		Anl By: AWH
Bicarbonate Alkalinity	210	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	3.8	B 1.1	5.0	1	mg/L		06/20/07 09:09 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L	N*	06/20/07 02:24 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/20/07 12:36 PM		Anl By: DAW
Fluoride	0.96	0.059	0.50	1	mg/L		06/20/07 09:09 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	2.9	0.50	1.0	1	mg/L		06/22/07 02:34 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:56 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/20/07 09:09 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/20/07 09:09 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	52	0.51	4.0	1	mg/L		06/20/07 09:09 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.8	B 2.3	5.0	1	mg/L		06/21/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	210	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM Anl By: RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Acenaphthene	0.0098	J 0.0082	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Acenaphthylene	0.0081	U 0.0081	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Anthracene	0.012	U 0.012	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.016	U 0.016	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.018	U 0.018	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.016	U 0.016	0.047	1	ug/L	Z	06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.019	U 0.019	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.019	U 0.019	0.047	1	ug/L	Z	06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Chrysene	0.019	U 0.019	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.019	U 0.019	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Fluoranthene	0.015	U 0.015	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Fluorene	0.058	0.0091	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.019	U 0.019	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Naphthalene	0.014	J 0.012	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Phenanthrene	0.011	U 0.011	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM
Pyrene	0.015	U 0.015	0.047	1	ug/L		06/25/07 10:21 AM	SW846 3510C	8270C-SIM

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : PW-4

Matrix Type : WATER
Collection Date : 06/19/07
Report Date : 07/09/07
Lab Sample Number : 885100-010

PAH/PNA

Prep Date/Time: 06/22/07 2:28 PM Anl By: RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Surrogate		**LCL**	**UCL**						
Nitrobenzene-d5	77	10	150	1	%		06/25/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	74	20	111	1	%		06/25/07	SW846 3510C	8270C-SIM
Terphenyl-d14	54	44	115	1	%		06/25/07	SW846 3510C	8270C-SIM

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-007

Matrix Type : WATER
Collection Date : 06/20/07
Report Date : 07/09/07
Lab Sample Number : 885140-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	10	B 4.4	50	1	ug/L	A	07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Antimony	0.10	U 0.10	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Arsenic	0.29	B 0.093	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Barium	0.18	B 0.072	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Beryllium	0.070	U 0.070	1.0	1	ug/L		07/06/07 07:42 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Boron	170	1.1	10	1	ug/L		07/06/07 07:42 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Calcium	34	B 10	500	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Chromium	0.43	U 0.43	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Cobalt	0.090	B 0.059	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Copper	1.5	0.12	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Hardness	0.15	B 0.15	2.0	1	mg/L		07/02/07 06:17 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Iron	14	B 2.9	50	1	ug/L	A	07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Lead	0.29	B 0.044	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Lithium	1.1	0.080	0.26	1	ug/L		06/27/07 10:10 AM	EPA 3020	EPA 6020
							Prep Date/Time: 06/25/07 09:31 PM	Anl By: *PA	
Magnesium	53	U 53	500	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Manganese	14	0.080	1.0	1	ug/L		07/06/07 07:42 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Mercury - Low Level	0.312	0.163	0.163	1	ng/L		06/27/07 11:48 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/26/07 09:07 AM	Anl By: TLH	
Molybdenum	0.36	B 0.12	10	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Nickel	0.35	B 0.075	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Potassium	67	B 6.2	500	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Selenium	0.15	U 0.15	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Silver	0.14	B 0.11	0.50	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Sodium	2600	46	500	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : FBK-007

Matrix Type : WATER
Collection Date : 06/20/07
Report Date : 07/09/07
Lab Sample Number : 885140-001

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.050	B 0.030	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM		Anl By: AWH
Vanadium	0.41	U 0.41	1.0	1	ug/L		07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM		Anl By: AWH
Zinc	3.6	B 2.1	10	1	ug/L	A	07/02/07 06:17 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM		Anl By: AWH
Bicarbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	3.8	B 1.1	5.0	1	mg/L		06/21/07 11:52 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L	N	06/26/07 02:13 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/26/07 08:41 AM		Anl By: DAW
Fluoride	0.20	B 0.059	0.50	1	mg/L		06/21/07 11:52 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 02:44 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:58 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/21/07 11:52 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/21/07 11:52 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	0.51	U 0.51	4.0	1	mg/L		06/21/07 11:52 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-5

Matrix Type : WATER
Collection Date : 06/20/07
Report Date : 07/09/07
Lab Sample Number : 885140-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	3700	4.4	50	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Antimony	0.59	B 0.10	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Arsenic	5.6	0.093	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Barium	21	0.072	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Beryllium	0.51	B 0.070	1.0	1	ug/L		07/06/07 07:12 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Boron	39	1.1	10	1	ug/L		07/06/07 07:12 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Cadmium	0.097	U 0.097	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Calcium	24000	10	500	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Chromium	13	0.43	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Cobalt	33	0.059	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Copper	16	0.12	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Hardness	110	0.15	2.0	1	mg/L		07/02/07 05:59 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Iron	21000	2.9	50	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Lead	5.0	0.044	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Lithium	13	0.080	0.26	1	ug/L		06/27/07 10:41 AM	EPA 3020	EPA 6020
							Prep Date/Time: 06/25/07 09:31 PM	Anl By: *PA	
Magnesium	13000	53	500	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Manganese	1600	0.080	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Mercury - Low Level	1.97	0.163	0.500	1	ng/L		06/27/07 11:53 AM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/26/07 09:07 AM	Anl By: TLH	
Molybdenum	7.3	B 0.12	10	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Nickel	8.3	0.075	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Potassium	4000	6.2	500	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Selenium	0.15	U 0.15	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Sodium	53000	460	5000	10	ug/L		07/02/07 06:54 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : KMW-5

Matrix Type : WATER
Collection Date : 06/20/07
Report Date : 07/09/07
Lab Sample Number : 885140-002

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.10	B 0.030	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM		Anl By: AWH
Vanadium	4.2	0.41	1.0	1	ug/L		07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM		Anl By: AWH
Zinc	17	2.1	10	1	ug/L	A	07/02/07 05:59 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM		Anl By: AWH
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/26/07 02:18 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/26/07 08:41 AM		Anl By: DAW
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 02:44 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:58 AM		Anl By: DAW
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/22/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-007

Matrix Type : WATER
Collection Date : 06/20/07
Report Date : 07/09/07
Lab Sample Number : 885140-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	3800	4.4	50	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Antimony	0.62	B 0.10	1.0	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Arsenic	5.8	0.093	1.0	1	ug/L	E	07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Barium	22	0.072	1.0	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Beryllium	0.47	B 0.070	1.0	1	ug/L		07/06/07 07:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Boron	42	1.1	10	1	ug/L		07/06/07 07:48 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Cadmium	0.11	B 0.097	1.0	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Calcium	24000	10	500	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Chromium	13	0.43	1.0	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Cobalt	34	0.059	1.0	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Copper	18	0.12	1.0	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Hardness	120	0.15	2.0	1	mg/L		07/02/07 06:23 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Iron	22000	2.9	50	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Lead	5.5	0.044	1.0	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Lithium	12	0.080	0.26	1	ug/L		06/27/07 10:45 AM	EPA 3020	EPA 6020
							Prep Date/Time: 06/25/07 09:31 PM	Anl By: *PA	
Magnesium	14000	53	500	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Manganese	1600	0.080	1.0	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Mercury - Low Level	2.46	0.163	0.500	1	ng/L		06/27/07 12:09 PM	EPA 1631E	EPA 1631E
							Prep Date/Time: 06/26/07 09:07 AM	Anl By: TLH	
Molybdenum	7.2	B 0.12	10	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Nickel	8.6	0.075	1.0	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Potassium	4100	6.2	500	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Selenium	0.18	B 0.15	1.0	1	ug/L	A	07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Silver	0.11	U 0.11	0.50	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	
Sodium	34000	46	500	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM	Anl By: AWH	

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : DUP-007

Matrix Type : WATER
Collection Date : 06/20/07
Report Date : 07/09/07
Lab Sample Number : 885140-003

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Thallium	0.10	B 0.030	1.0	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM		Anl By: AWH
Vanadium	4.5	0.41	1.0	1	ug/L		07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM		Anl By: AWH
Zinc	17	2.1	10	1	ug/L	A	07/02/07 06:23 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/22/07 08:50 AM		Anl By: AWH
Bicarbonate Alkalinity	120	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	3.6	B 1.1	5.0	1	mg/L		06/22/07 12:06 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Cyanide, Total	0.0060	U 0.0060	0.020	1	mg/L		06/26/07 02:19 PM	EPA 335.4	EPA 335.4
							Prep Date/Time: 06/26/07 08:41 AM		Anl By: DAW
Fluoride	0.23	B 0.059	0.50	1	mg/L		06/22/07 12:06 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Ammonia	0.50	U 0.50	1.0	1	mg/L		06/22/07 02:45 PM	EPA 350.1	EPA 350.1
							Prep Date/Time: 06/22/07 09:58 AM		Anl By: DAW
Nitrogen, Nitrate	0.085	U 0.085	0.40	1	mg/L		06/22/07 12:06 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/22/07 12:06 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	88	1.0	8.0	2	mg/L		06/22/07 01:39 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfide	2.3	U 2.3	5.0	1	mg/L		06/22/07	SM 4500-S2 F	SM 4500-S2 F
							Prep Date/Time:		Anl By: DEY
Total Alkalinity	120	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

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Analytical Report Number: 884600

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number : 06W003
Field ID : MW-7

Matrix Type : WATER
Collection Date : 06/20/07
Report Date : 07/09/07
Lab Sample Number : 885140-004

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Bicarbonate Alkalinity	110	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Carbonate Alkalinity	3.2	U 3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha
Chloride	3.5	B 1.1	5.0	1	mg/L		06/22/07 12:20 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Fluoride	0.23	B 0.059	0.50	1	mg/L		06/22/07 12:20 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrate	0.16	B 0.085	0.40	1	mg/L		06/22/07 12:20 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Nitrogen, Nitrite	0.036	U 0.036	0.10	1	mg/L		06/22/07 12:20 AM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Sulfate	88	2.6	20	5	mg/L		06/22/07 01:51 PM	EPA 300.0	EPA 300.0
							Prep Date/Time:		Anl By: GLL
Total Alkalinity	110	3.2	10	1	mg/L		06/22/07	SM 2320B	SM 2320B
							Prep Date/Time:		Anl By: rsha

PAH/PNA

Prep Date/Time: 06/25/07 12:00 PM Anl By: RJN

Analyte	Result	MDL	EQL	Dil.	Units	Code	Anal Date/Time	Prep Method	Anl Method
Acenaphthene	0.012	U 0.012	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Acenaphthylene	0.012	U 0.012	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Anthracene	0.017	U 0.017	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.023	U 0.023	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.027	U 0.027	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.023	U 0.023	0.069	1	ug/L	Z	06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.028	U 0.028	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.028	U 0.028	0.069	1	ug/L	Z	06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Chrysene	0.028	U 0.028	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.028	U 0.028	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Fluoranthene	0.023	U 0.023	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Fluorene	0.013	U 0.013	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.028	U 0.028	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Naphthalene	0.018	U 0.018	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Phenanthrene	0.017	U 0.017	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Pyrene	0.021	U 0.021	0.069	1	ug/L		06/25/07 11:30 PM	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**						
Nitrobenzene-d5	51	10	150	1	%		06/25/07	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	60	20	111	1	%		06/25/07	SW846 3510C	8270C-SIM
Terphenyl-d14	63	44	115	1	%		06/25/07	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
884600-	M-AL-W	All Samples	A - Analyte is detected in the method blank at a concentration of 10 ug/L.
884600-	M-CA-W	All Samples	A - Analyte is detected in the method blank at a concentration of 19 ug/L.
884600-	M-CU-W	All Samples	A - Analyte is detected in the method blank at a concentration of 0.24 ug/L.
884600-	M-FE-W	All Samples	A - Analyte is detected in the method blank at a concentration of 6.7 ug/L.
884600-	M-K-W	All Samples	A - Analyte is detected in the method blank at a concentration of 10 ug/L.
884600-	M-MN-W	All Samples	A - Analyte is detected in the method blank at a concentration of 0.27 ug/L.
884600-	M-MO-W	All Samples	A - Analyte is detected in the method blank at a concentration of 0.21 ug/L.
884600-	M-SB-W	All Samples	A - Analyte is detected in the method blank at a concentration of 0.15 ug/L.
884600-	M-SE-W	All Samples	A - Analyte is detected in the method blank at a concentration of 0.23 ug/L.
884600-005	M-MO-W	KMW-7	C - Elevated detection limit due to matrix effect. Internal standard is in the sample at a significant concentration.

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Lab Number	TestGroupID	Field ID	Comment
884671	W-SULF-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
884671-	M-AL-W	All Samples	A - Analyte is detected in the method blank at a concentration of 11 ug/L.
884671-	M-BA-W	All Samples	A - Analyte is detected in the method blank at a concentration of 0.10 ug/L.
884671-	M-B-W	All Samples	A - Analyte is detected in the method blank at a concentration of 9.5 ug/L.
884671-	M-CU-W	All Samples	A - Analyte is detected in the method blank at a concentration of 0.30 ug/L.
884671-	M-FE-W	All Samples	X - Analyte had a percent recovery in the low level check of 32%
884671-	M-NI-W	All Samples	A - Analyte is detected in the method blank at a concentration of 0.59 ug/L.
884671-	M-NI-W	All Samples	X - Analyte had a percent recovery in the low level check of 154%.

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Lab Number	TestGroupID	Field ID	Comment
884756-	M-AL-W	All Samples	A - Analyte is detected in the method blank at a concentration of 8.7 ug/L.
884756-	M-B-W	All Samples	A - Analyte is detected in the method blank at a concentration of 8.3 ug/L.
884756-	M-CA-W	All Samples	A - Analyte is detected in the method blank at a concentration of -14 ug/L.
884756-	M-NI-W	All Samples	A - Analyte is detected in the method blank at a concentration of 0.51 ug/L.
884756-	M-NI-W	All Samples	X - Analyte had a percent recovery in the low level check of 154%.
884756-	M-ZN-W	All Samples	A - Analyte is detected in the method blank at a concentration of 3.3 ug/L.
884756-005	W-SULF-W	FBK003	Inadequate sample volume received to perform the method required MS/MSD.

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Lab Number	TestGroupID	Field ID	Comment
884812	W-SULF-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
884812-001	M-CA-W	FBK-004	A - Analyte is detected in the method blank at a concentration of -25 ug/L.
884812-001	M-MN-W	FBK-004	A - Analyte is detected in the method blank at a concentration of -0.08 ug/L.
884812-005	M-MO-W	MW-102	C - Elevated detection limit due to matrix effect. Internal standard present in sample at a significant concentration.

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Lab Number	TestGroupID	Field ID	Comment
885050-	M-NI-W	All Samples	A - Analyte is detected in the method blank at a concentration of -0.24 ug/L.

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Lab Number	TestGroupID	Field ID	Comment
885100-	BTEXNAP-W	All Samples	001-009 Inadequate sample volume received to perform the method required MS/MSD.
885100-	M-SE-W	All Samples	A - Analyte is detected in the method blank at a concentration of 0.44 ug/L.
885100-001	M-CA-W	FBK-006	A - Analyte is detected in the method blank at a concentration of -26 ug/L.
885100-004	PAH-W	DUP-006	F - Surrogate recovery was above limits due to co-elution with non-target compounds.

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Lab Number	TestGroupID	Field ID	Comment
885140	W-SULF-W	All Samples	Inadequate sample volume received to perform the method required MS/MSD.
885140-	M-MO-W	All Samples	Internal standard limits of 30-140% used. All QC within limits.
885140-	M-ZN-W	All Samples	A - Analyte is detected in the method blank at a concentration of 3.1 ug/L.
885140-001	M-AL-W	FBK-007	A - Analyte is detected in the method blank at a concentration of 4.6 ug/L.
885140-001	M-FE-W	FBK-007	A - Analyte is detected in the method blank at a concentration of 2.9 ug/L.
885140-003	M-SE-W	DUP-007	A - Analyte is detected in the method blank at a concentration of 0.22 ug/L.
885140-004	PAH-W	MW-7	Inadequate sample volume received to perform the method required MS/MSD.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	884600-001	884600-002	884600-003	884600-004	884600-005
ALKALINITY, BICARB/CARB/TOTAL	B	B	B	B	B
ALUMINUM	B	B	B	B	B
ANTIMONY	B	B	B	B	B
ARSENIC	B	B	B	B	B
BARIUM	B	B	B	B	B
BERYLLIUM	B	B	B	B	B
BORON	B	B	B	B	B
CADMIUM	B	B	B	B	B
CALCIUM	B	B	B	B	B
CHLORIDE	B	B	B	B	B
CHROMIUM	B	B	B	B	B
COBALT	B	B	B	B	B
COPPER	B	B	B	B	B
CYANIDE, TOTAL	B	B	B	B	B
FLUORIDE	B	B	B	B	B
HARDNESS	B	B	B	B	B
IRON	B	B	B	B	B
LEAD	B	B	B	B	B
LITHIUM	M	M	M	M	M
MAGNESIUM	B	B	B	B	B
MANGANESE	B	B	B	B	B
MERCURY - LOW LEVEL	B	B	B	B	
MOLYBDENUM	B	B	B	B	B
NICKEL	B	B	B	B	B
NITROGEN, AMMONIA	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B
NITROGEN, NITRITE	B	B	B	B	B
POTASSIUM	B	B	B	B	B
SELENIUM	B	B	B	B	B
SILVER	B	B	B	B	B
SODIUM	B	B	B	B	B
SULFATE	B	B	B	B	B
SULFIDE					B
THALLIUM	B	B	B	B	B
VANADIUM	B	B	B	B	B
ZINC	B	B	B	B	B

Code	MI Certification
B	Not Certified
M	Not Certified

Test Group Name	884671-001	884671-002	884671-003	884671-004	884671-005	884671-006	884671-007	884671-008
ALKALINITY, BICARB/CARB/TOTAL	B	B	B	B	B	B	B	B
ALUMINUM	B	B	B	B	B	B	B	B
ANTIMONY	B	B	B	B	B	B	B	B
ARSENIC	B	B	B	B	B	B	B	B
BARIUM	B	B	B	B	B	B	B	B
BERYLLIUM	B	B	B	B	B	B	B	B
BORON	B	B	B	B	B	B	B	B
CADMIUM	B	B	B	B	B	B	B	B
CALCIUM	B	B	B	B	B	B	B	B
CHLORIDE	B	B	B	B	B	B	B	B
CHROMIUM	B	B	B	B	B	B	B	B
COBALT	B	B	B	B	B	B	B	B
COPPER	B	B	B	B	B	B	B	B
CYANIDE, TOTAL	B	B	B	B	B	B	B	B
FLUORIDE	B	B	B	B	B	B	B	B
HARDNESS	B	B	B	B	B	B	B	B
IRON	B	B	B	B	B	B	B	B
LEAD	B	B	B	B	B	B	B	B
LITHIUM	M	M	M	M	M	M	M	M
MAGNESIUM	B	B	B	B	B	B	B	B
MANGANESE	B	B	B	B	B	B	B	B
MERCURY - LOW LEVEL	B	B	B	B	B	B	B	B
MOLYBDENUM	B	B	B	B	B	B	B	B
NICKEL	B	B	B	B	B	B	B	B
NITROGEN, AMMONIA	B	B	B	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B	B	B	B
NITROGEN, NITRITE	B	B	B	B	B	B	B	B
POTASSIUM	B	B	B	B	B	B	B	B
SELENIUM	B	B	B	B	B	B	B	B
SILVER	B	B	B	B	B	B	B	B
SODIUM	B	B	B	B	B	B	B	B
SULFATE	B	B	B	B	B	B	B	B
SULFIDE	B	B	B	B	B			
THALLIUM	B	B	B	B	B	B	B	B
VANADIUM	B	B	B	B	B	B	B	B
ZINC	B	B	B	B	B	B	B	B

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B	Not Certified
M	Not Certified

Test Group Name	884756-001	884756-002	884756-003	884756-004	884756-005
ALKALINITY, BICARB/CARB/TOTAL	B	B	B	B	B
ALUMINUM	B	B	B	B	B
ANTIMONY	B	B	B	B	B
ARSENIC	B	B	B	B	B
BARIUM	B	B	B	B	B
BERYLLIUM	B	B	B	B	B
BORON	B	B	B	B	B
CADMIUM	B	B	B	B	B
CALCIUM	B	B	B	B	B
CHLORIDE	B	B	B	B	B
CHROMIUM	B	B	B	B	B
COBALT	B	B	B	B	B
COPPER	B	B	B	B	B
CYANIDE, TOTAL	B	B	B	B	B
FLUORIDE	B	B	B	B	B
HARDNESS	B	B	B	B	B
IRON	B	B	B	B	B
LEAD	B	B	B	B	B
LITHIUM	M	M	M	M	M
MAGNESIUM	B	B	B	B	B
MANGANESE	B	B	B	B	B
MERCURY - LOW LEVEL		B		B	B
MOLYBDENUM	B	B	B	B	B
NICKEL	B	B	B	B	B
NITROGEN, AMMONIA	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B
NITROGEN, NITRITE	B	B	B	B	B
POTASSIUM	B	B	B	B	B
SELENIUM	B	B	B	B	B
SILVER	B	B	B	B	B
SODIUM	B	B	B	B	B
SULFATE	B	B	B	B	B
SULFIDE					B
THALLIUM	B	B	B	B	B
VANADIUM	B	B	B	B	B
ZINC	B	B	B	B	B

Code	MI Certification
B	Not Certified
M	Not Certified

Test Group Name	884812-001	884812-002	884812-003	884812-004	884812-005	884812-006	884812-007	884812-008	884812-009	884812-010
ALKALINITY, BICARB/CARB/TOTAL	B	B	B	B				B	B	
ALUMINUM	B	B	B	B	B	B		B	B	
ANTIMONY	B	B	B	B	B	B		B	B	
ARSENIC	B	B	B	B	B	B		B	B	
BARIUM	B	B	B	B	B	B		B	B	
BERYLLIUM	B	B	B	B	B	B		B	B	
BORON	B	B	B	B	B	B		B	B	
CADMIUM	B	B	B	B	B	B		B	B	
CALCIUM	B	B	B	B	B	B		B	B	
CHLORIDE	B	B	B	B				B	B	
CHROMIUM	B	B	B	B	B	B		B	B	
COBALT	B	B	B	B	B	B		B	B	
COPPER	B	B	B	B	B	B		B	B	
CYANIDE, TOTAL	B	B	B	B				B	B	
FLUORIDE	B	B	B	B				B	B	
HARDNESS	B	B	B	B	B	B		B	B	
IRON	B	B	B	B	B	B		B	B	
LEAD	B	B	B	B	B	B		B	B	
LITHIUM	M	M	M	M			M	M	M	
MAGNESIUM	B	B	B	B	B	B		B	B	
MANGANESE	B	B	B	B	B	B		B	B	
MERCURY - LOW LEVEL	B	B	B	B				B		B
MOLYBDENUM	B	B	B	B	B	B		B	B	
NICKEL	B	B	B	B	B	B		B	B	
NITROGEN, AMMONIA	B	B	B	B				B	B	
NITROGEN, NITRATE	B	B	B	B				B	B	
NITROGEN, NITRITE	B	B	B	B				B	B	
POTASSIUM	B	B	B	B	B	B		B	B	
SELENIUM	B	B	B	B	B	B		B	B	
SILVER	B	B	B	B	B	B		B	B	
SODIUM	B	B	B	B	B	B		B	B	
SULFATE	B	B	B	B				B	B	
SULFIDE		B	B	B				B		
THALLIUM	B	B	B	B	B	B		B	B	
VANADIUM	B	B	B	B	B	B		B	B	
ZINC	B	B	B	B	B	B		B	B	

Code	MI Certification
B	Not Certified
M	Not Certified

Test Group Name	885050-001	885050-002	885050-003	885050-004	885050-005	885050-006	885050-007	885050-008	885050-009	885050-010	885050-011	885050-012
ALKALINITY, BICARB/CARB/TOTAL	B	B	B	B	B	B	B	B	B	B	B	
ALUMINUM	B	B	B	B	B	B	B	B	B	B	B	
ANTIMONY	B	B	B	B	B	B	B	B	B	B	B	
ARSENIC	B	B	B	B	B	B	B	B	B	B	B	
BARIUM	B	B	B	B	B	B	B	B	B	B	B	
BERYLLIUM	B	B	B	B	B	B	B	B	B	B	B	
BORON	B	B	B	B	B	B	B	B	B	B	B	
CADMIUM	B	B	B	B	B	B	B	B	B	B	B	
CALCIUM	B	B	B	B	B	B	B	B	B	B	B	
CHLORIDE	B	B	B	B	B	B	B	B	B	B	B	
CHROMIUM	B	B	B	B	B	B	B	B	B	B	B	
COBALT	B	B	B	B	B	B	B	B	B	B	B	
COPPER	B	B	B	B	B	B	B	B	B	B	B	
CYANIDE, TOTAL	B	B	B	B	B	B	B	B	B	B	B	
FLUORIDE	B	B	B	B	B	B	B	B	B	B	B	
HARDNESS	B	B	B	B	B	B	B	B	B	B	B	
IRON	B	B	B	B	B	B	B	B	B	B	B	
LEAD	B	B	B	B	B	B	B	B	B	B	B	
LITHIUM	M	M	M	M	M	M	M	M	M	M	M	
MAGNESIUM	B	B	B	B	B	B	B	B	B	B	B	
MANGANESE	B	B	B	B	B	B	B	B	B	B	B	
MERCURY - LOW LEVEL	B	B	B	B	B	B	B	B	B	B	B	
MOLYBDENUM	B	B	B	B	B	B	B	B	B	B	B	
NICKEL	B	B	B	B	B	B	B	B	B	B	B	
NITROGEN, AMMONIA	B	B	B	B	B	B	B	B	B	B	B	
NITROGEN, NITRATE	B	B	B	B	B	B	B	B	B	B	B	
NITROGEN, NITRITE	B	B	B	B	B	B	B	B	B	B	B	
POTASSIUM	B	B	B	B	B	B	B	B	B	B	B	
SELENIUM	B	B	B	B	B	B	B	B	B	B	B	
SILVER	B	B	B	B	B	B	B	B	B	B	B	
SODIUM	B	B	B	B	B	B	B	B	B	B	B	
SULFATE	B	B	B	B	B	B	B	B	B	B	B	
SULFIDE	B	B	B	B	B	B	B	B	B	B	B	
THALLIUM	B	B	B	B	B	B	B	B	B	B	B	
VANADIUM	B	B	B	B	B	B	B	B	B	B	B	
VOLATILES - SPECIAL LIST	G	G	G	G	G	G	G	G	G	G	G	G
ZINC	B	B	B	B	B	B	B	B	B	B	B	

Code	MI Certification
B	Not Certified
G	Not Certified
M	Not Certified

Test Group Name	885100-001	885100-002	885100-003	885100-004	885100-005	885100-006	885100-007	885100-008	885100-009	885100-010
ALKALINITY, BICARB/CARB/TOTAL	B	B	B	B	B	B			B	B
ALUMINUM	B	B	B	B	B	B			B	B
ANTIMONY	B	B	B	B	B	B			B	B
ARSENIC	B	B	B	B	B	B			B	B
BARIUM	B	B	B	B	B	B			B	B
BERYLLIUM	B	B	B	B	B	B			B	B
BORON	B	B	B	B	B	B			B	B
BTEX + NAPHTHALENE	G		G	G	G			G	G	
CADMIUM	B	B	B	B	B	B			B	B
CALCIUM	B	B	B	B	B	B			B	B
CHLORIDE	B	B	B	B	B	B			B	B
CHROMIUM	B	B	B	B	B	B			B	B
COBALT	B	B	B	B	B	B			B	B
COPPER	B	B	B	B	B	B			B	B
CYANIDE, TOTAL	B	B	B	B	B	B			B	B
FLUORIDE	B	B	B	B	B	B			B	B
HARDNESS	B	B	B	B	B	B			B	B
IRON	B	B	B	B	B	B			B	B
LEAD	B	B	B	B	B	B			B	B
LITHIUM	M	M	M	M	M	M			M	M
MAGNESIUM	B	B	B	B	B	B			B	B
MANGANESE	B	B	B	B	B	B			B	B
MERCURY - LOW LEVEL	B	B	B	B	B	B			B	B
MOLYBDENUM	B	B	B	B	B	B			B	B
NICKEL	B	B	B	B	B	B			B	B
NITROGEN, AMMONIA	B	B	B	B	B	B			B	B
NITROGEN, NITRATE	B	B	B	B	B	B			B	B
NITROGEN, NITRITE	B	B	B	B	B	B			B	B
PAH/PNA	B		B	B		B			B	B
POTASSIUM	B	B	B	B	B	B			B	B
SELENIUM	B	B	B	B	B	B			B	B
SILVER	B	B	B	B	B	B			B	B
SODIUM	B	B	B	B	B	B			B	B
SULFATE	B	B	B	B	B	B			B	B
SULFIDE	B	B								B
THALLIUM	B	B	B	B	B	B			B	B
VANADIUM	B	B	B	B	B	B			B	B
VOLATILES - SPECIAL LIST		G					G			
ZINC	B	B	B	B	B	B			B	B

Code	MI Certification
B	Not Certified
G	Not Certified
M	Not Certified

Test Group Name	885140-001	885140-002	885140-003	885140-004
ALKALINITY, BICARB/CARB/TOTAL	B		B	B
ALUMINUM	B	B	B	
ANTIMONY	B	B	B	
ARSENIC	B	B	B	
BARIUM	B	B	B	
BERYLLIUM	B	B	B	
BORON	B	B	B	
CADMIUM	B	B	B	
CALCIUM	B	B	B	
CHLORIDE	B		B	B
CHROMIUM	B	B	B	
COBALT	B	B	B	
COPPER	B	B	B	
CYANIDE, TOTAL	B	B	B	
FLUORIDE	B		B	B
HARDNESS	B	B	B	
IRON	B	B	B	
LEAD	B	B	B	
LITHIUM	M	M	M	
MAGNESIUM	B	B	B	
MANGANESE	B	B	B	
MERCURY - LOW LEVEL	B	B	B	
MOLYBDENUM	B	B	B	
NICKEL	B	B	B	
NITROGEN, AMMONIA	B	B	B	
NITROGEN, NITRATE	B		B	B
NITROGEN, NITRITE	B		B	B
PAH/PNA				B
POTASSIUM	B	B	B	
SELENIUM	B	B	B	
SILVER	B	B	B	
SODIUM	B	B	B	
SULFATE	B		B	B
SULFIDE		B	B	
THALLIUM	B	B	B	
VANADIUM	B	B	B	
ZINC	B	B	B	

Code	MI Certification
B	Not Certified
M	Not Certified

Sample Condition Upon Receipt

Pace Analytical

Client Name: Foth & Van Dyke Project # 8846000

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optional: Proj. Due Date: Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____

Thermometer Used IR **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 1.5 +0.0 **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 12-7-07 CY

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. Turbidity, Nitrate, Nitrite
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☒No ☐N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed CY Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☒No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: MAT for Todd N **Date:** 7.9.07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

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Page 1 of 1

COC No. 022044

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other NaOH; Zn Ac

Company Name:	Foth & Van Dyke
Branch/Location:	
Project Contact:	J. Kesy
Phone:	
Project Number:	
Project Name:	Humboldt Mill
Project State:	WI
Sampled By (Print):	Andrew Marecki / Richard Eagle
Sampled By (Sign):	Richard R Eagle
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	FVD
Mail To Address:	Green Bay, WI
Invoice To Contact:	SAME
Invoice To Company:	SAME
Invoice To Address:	SAME
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SL = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested								CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A	D	C	G	J							
001	FBK-001	6/6/07	1510	W		2	2	1	1							500mlp A, 500ml pD, 500mlp A 3-250mlp D,C,G	
002	DUP-001	"	—	W		2	2	1	1							↓	
003	KMW-3	"	1402	W		2	2	1	1							↓	
004	KMW-4	"	1311	W		2	2	1	1							↓	
005	KMW-7	↓	1547	W		1	2	1	1	1						500 ml pD, 500mlp A, 4-250mlp G,D,C	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard Eagle	6/6/07 1745	Fed X	
Fed ex	6-7-07 10:15	Crystal Jones Pace	6-7-07 10:15

PACE Project No. 884600

Receipt Temp = 0.0 / 1.5 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present

Intact / Not Intact

Sample Condition Upon Receipt

Pace Analytical

Client Name: Foth + Van Dyke Project # 884671

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☒ Other Zip Locks

Thermometer Used JB **Type of Ice:** (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature 2.0, 1.5, 0.5 **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 6-8-07 CY
CG 6/8/07

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. Turbidity, Nitrate, Nitrite, PH
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7.
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☒No ☐N/A	11.
Sample Labels match COC:	☐Yes ☒No ☐N/A	12. @ #003 container labels have KMW-6A and coc has KMW-6. CY 6-8-07
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed CY Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☒No ☐N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: MAT for Tod N **Date:** 7.9.07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Company Name:	Foth & Van Dyke
Branch/Location:	
Project Contact:	J. Kesy
Phone:	
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Andrew Marecini / Richard Eagle
Sampled By (Sign):	Richard R Eagle
PO #:	Regulatory Program:

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MN: 612-607-1700 WI: 920-469-2436

CHAIN OF CUSTODY

COC No. 022041

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other NaOH, ZnAc

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	FVD
Mail To Address:	Green Bay, WI
Invoice To Contact:	SAME
Invoice To Company:	SAME
Invoice To Address:	SAME
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☒ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, Sl = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: See Attached List	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	FILTERED? (YES/NO)				Y/N: N N N N N			
	PRESERVATION (CODE)*				Pick Letter: A C D G J			
001	FBK-002	6/7/07	1100	W	2 1 2 1 1	500mlg A, 2-500mlp D+A, 4-250mlp J,D,C,G		
002	DUP-002		—	W	2 1 2 1 1			
003	KMW-6		1028	W	2 1 2 1 1			
004	KMW-9P		1146	W	2 1 2 1 1			
005	KMW-9		1255	W	2 1 2 1 1			
006	KMW-10		1522	W	2 1 2 1	500mlg A, 2-500mlp D+A, 3-250mlp D,C,G		
007	MW-12		1608	W	2 1 2 1			
008	P-604		1524	W	2 1 2 1			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard Eagle	6/7/07 1800	Fed Ex	
Fed Ex	6-8-07 10:00	Cynthia Pace	6-8-07 10:00

PACE Project No.: 884(g7)

Receipt Temp = 2.0, 1.5 °C 05

Sample Receipt pH: OK / Adjusted

Cooler Custody Seal: Present / Not Present — Intact / Not Intact

Version 6.0 06/14/06 ORIGINAL

Sample Condition Upon Receipt

Pace Analytical

Client Name: FOTH Project # 6684756

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: IR Type of Ice: Wet Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature: 2.0 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 6/12/07 EF 6/12/07

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. NO3, TURBIDITY
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed: MM / Lot # of added preservative:
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: MAT for Todd N **Date:** 7-9-07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

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Page 1 of

COC No. 021994 5

CHAIN OF CUSTODY

5 of

Company Name:	North Jackson (for FVD)
Branch/Location:	
Project Contact:	J. Kesy
Phone:	
Project Number:	1
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Peter Sabee Richard Eagle
Sampled By (Sign):	
PO #:	Regulatory Program:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other NaOH ZnAc

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	Foth (FVD)
Mail To Address:	Green Bay, WI
Invoice To Contact:	SAME
Invoice To Company:	↓
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, W = Water, B = Biota, DW = Drinking Water, C = Charcoal, GW = Ground Water, O = Oil, SW = Surface Water, S = Soil, WW = Waste Water, SI = Sludge, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-103	6/11/07	1154	GW	N	A			2-500mL H,O, 3-250mL D,C,G	
002	MW-604		1018		N	C		1-500mL G 2-500mL A,D	3-250mL B,C,G	
003	MW-9		1536		N	D			2-500mL A,D 3-250mL A,C,D	
004	DUP003		—	↓	N	G			↓ ↓	
005	FBK003	↓	1050	W	N	J		1-500mL G, 2-500mL A,D	4-250mL B,C,D	

See attached Parameth list / Sampling Matrix & methods

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard Eagle	06-11-07 1730	FED EX	
FED EX	6/12/07 0930		6/12/07 0930
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No. 884756

Receipt Temp = 2.0 °C

Sample Receipt pH (OK / Adjusted)

Cooler Custody Seal (Present / Not Present) (Intact / Not Intact)

Version: 06/14/07

Sample Condition Upon Receipt

Pace Analytical

Client Name: FOTH + VAN DYKE Project # 884812

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____ [redacted]

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used JB Type of Ice: (Wet) Blue None ☒ Samples on Ice, cooling process has begun

Cooler Temperature 4.0°C Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 6/13/07 KJL

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. NITRATE/NITRITE TURBIDITY
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	7. 1 WEEK TAT
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed: KL Lot # of added preservative:
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☒N/A	15.
Trip Blank Present:	☐Yes ☐No ☒N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☒N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: MAT for TJN **Date:** 7-9-07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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www.pacelabs.com

COC No. 021995

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other NaOH Zn Ac

Company Name:	Foth & Van Dyke (North Jackson Co)
Branch/Location:	
Project Contact:	J. Kesy
Phone:	
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Andrew Marcinkiewicz / Richard Eagle
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	FVD
Mail To Address:	Green Bay, WI
Invoice To Contact:	Same
Invoice To Company:	Same
Invoice To Address:	Same
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SL = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: Nitrate/Nitrite/Alk/Cl/FL/SO4	Metals & Hardness see list 1	Ammonia	Cyanide	Sulfide	Hg Low level	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	A	D	C	G	J	A				
001	FBK-004	6/12/07	1135	W		1	2	1	1		1			2-500 mL Poly, 3-250 mL Poly 1-500 mL glass	
002	DUP-004		—	W		1	2	1	1	1	1			2-500 mL Poly, 1-500 mL glass 4-250 mL Poly	
003	MW-101		1209	W		1	2	1	1	1	1			↓	
004	MW-11		1220	W		1	2	1	1	1	1			↓	
005	MW-102		1450	W			1						Half bottle	1-500 mL Poly	
006	MW-601		1405	W			1							↓	
007	MW-601		1630	W			1							1-250 mL Poly	
008	PW-2		1541	W		1	2	1	1	1	1			2-500 mL Poly, 1-500 mL glass 4-250 mL Poly	
009	KMW-2		1600	W		1	2	1	1					2-500 mL Poly, 3-250 mL Poly	
010	MW-601	↓	1633	W							1		Half bottle	1-500 mL glass	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard Eagle	6/12/07 1800	FED EX	
FED EX	6/13/07 930	KQ Lahmann	6/13/07 930

PACE Project No. 884812

Receipt Temp = 4.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present

Intact / Not Intact

Version 6.0 06/14/06

Sample Condition Upon Receipt

Pace Analytical

Client Name: NORTH JACKSON Project # 885050

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: 7991 5697 0707 -4 COOLERS

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used JB Type of Ice: (Wet) Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature 2.0 - 3.0°C Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 6/19/07 KJL 6/19/07 CS

		Comments:
Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☒Yes ☐No ☐N/A	6. NITRATE, NITRITE
Rush Turn Around Time Requested:	☒Yes ☐No ☐N/A	7. 1 WEEK TAT
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☒N/A	11.
Sample Labels match COC:	☐Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed KJL Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	15.
Trip Blank Present:	☒Yes ☐No ☐N/A	16.
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: 2- 40 ML NOT LABELED - PACKAGED WITH HW-69 (#009) - PLACED ACCORDINGLY BY LAB - ALL OTHERS LABELS MATCH C.O.C 6/19/07 KJL

Project Manager Review: MAT for Tod N **Date:** 7.9.07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

15

JVG

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

COC No. 061807

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other ZnAcNaOH

(Please Print Clearly)	
Company Name:	North Jackson County
Branch/Location:	Marquette, MI
Project Contact:	
Phone:	906-225-6787
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Richard Eagle Peter Sabee
Sampled By (Sign):	Richard Eagle P Sabee
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	Janis Kesy
Mail To Company:	Foth I & E
Mail To Address:	Green Bay, WI
Invoice To Contact:	Same as above
Invoice To Company:	Same as above
Invoice To Address:	Same as above
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SL = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) PRESERVATION (CODE)*	Analyses Requested: Metals	Ammonia	Alk, Alk2, Cl, FL, SO4, Turbidity, pH Nitrate, Nitrite	Nitrate, Nitrite	Sulfide	BTEX VOCs	LLHG	Cyanide	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	Y / N	N	N	N	N	N	N	N	N	N	N	N	N			
	Pick Letter	D	C	A	A	J	B	A	G							
001	HYG-1	6/18/07	1130	GW		2	1	1		1	3	1	1		2-500 mL Poly, 1-500 mL glass 4-250 mL Poly, 3-40 mL	
002	HW-1		0951	GW		2	1	1		1	3	1	1			
003	HW-1a		1036	GW		2	1	1		1	3	1	1			
004	HW-2		1307	GW		2	1	1		1	3	1	1			
~~005~~	~~HW-3~~			GW												
005	HW-4		1453	GW		2	1	1		1	3	1	1			
006	HW-5		1312	GW		2	1	1		1	3	1	1			
007	HW-5a		1222	GW		2	1	1		1	3	1	1			
008	HW-6		1136	GW		42	1	1		1	53	21	1			
009	HW-6a		1027	GW		4	1	1		1	5	2	1	MS/MSD for lab	3-500 mL Poly, 2-500 mL glass 5-250 mL Poly, 5-40 mL	
010	DUP005		—	GW		2	1	1		1	3	1	1		2-500 mL Poly, 1-500 mL glass 4-250 mL Poly, 3-40 mL	
011	FBK005		1500	W		2	1	1		1	3	1	1			
012	Trip Blank 1	6/18/07	—	W							2				2-40 mL	

* Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 1 WEEK

Transmit Prelim Rush Results by (complete what you want):
Email #1:
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	6-18-07 1700	FED EX	
FED EX	6/19/07 1000		

PACE Project No.: 885050
Receipt Temp = 3.0 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Sample Condition Upon Receipt

Pace Analytical

Client Name: FOTH Project # 885100

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used JB **Type of Ice:** (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature 2.0, 3.0, 5.0 **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and initials of person examining contents: RS 6/20/07 CJ 6/20/07

Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. NITRATE
Rush Turn Around Time Requested:	☑Yes ☐No ☐N/A	7. 1 WEEK
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13. ADDED .5mL to #009 250mL RS 6/20/07 1215
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed RB Lot # of added preservative A10040
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16. PACE HCL Blanks RS 6/20/07
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: extra volume rec'd for #003. No MS/MSD requested on COC. CJ 6/20/07

Project Manager Review: MAT for Tod N **Date:** 7.9.07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

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UPPER MIDWEST REGION
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Page 1 of 1

COC No. 024738

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other NaOH ZnAc

Company Name:	North Jackson Co. for FOTH
Branch/Location:	
Project Contact:	J. Kesy
Phone:	
Project Number:	
Project Name:	Humboldt Mill
Project State:	MI
Sampled By (Print):	Andrew Maraccini Richard Eagle
Sampled By (Sign):	Richard R Eagle
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	FOTH
Mail To Address:	Green Bay, WI
Invoice To Contact:	SAME
Invoice To Company:	SAME
Invoice To Address:	SAME
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air W = Water
B = Biota DW = Drinking Water
C = Charcoal GW = Ground Water
O = Oil SW = Surface Water
S = Soil WW = Waste Water
SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	Y/N	N	N	N	N	N	N	N	N	M
							Pick Letter	D	C	A	J	B	B	A	G	A
							Analyses Requested	Metals + hardness	Ammonia	Alk, Alk2, Cl, Fl, SO4, Nitrate/Nitrite	Sulfide	VOCs	BTEX + Naph.	LL Hg	Cyanide	PNAH
001	FBK-006	6/19/07	1133	W				2	1	1	1		3	1	1	2
002	HW-3		1008	GW				2	1	1	1	3		1	1	
003	MW-5		1036	GW				2	1	1			3	1	1	2
004	DUP-006		—	GW				2	1	1			3	1	1	2
005	KMW-1		H04	GW				2	1	1			3	1	1	
006	PW-1		1306	GW				2	1	1				1	1	2
007	Trip Blank 3		—	W								2				
008	Trip Blank 3		—	W									2			
009	MW-104		1529	GW				2	1	1			3	1	1	2
010	PW-4		1515					2	1	1	1			1	1	2

LAB COMMENTS (Lab Use Only)	Profile #
2-1LAG, 2-500mL A,D, 3-40mL B, 4-250mL C,D,6J, 1-500mL C6	
1-500mL C6, 2-500mL A,D, 3-40mL B, 4-250mL C,D,6J	
4-1LAG, 1-500mL C6, 2-500mL A,D, 3-40mL B, 3-250mL C,D,6	
2-1LAG, 1-500mL C6, 3-250mL C,D,6, 3-40mL B	
1-500mL C6, 2-500mL A,D, 3-250mL C,D,6, 3-40mL B	
2-1LAG, 1-500mL C6, 2-500mL A,D, 3-250mL C,D,6, 3-40mL B, 2-60mL B	
3-40mL B	
3-40mL B	
2-1LAG, 2-500mL A,D, 1-500mL C6, 3-250mL C,D,6, 3-40mL B	
2-1LAG, 2-500mL A,D, 4-250mL C,D,6J, 1-500mL C6	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 1 WEEK

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard R Eagle	6/19/07 1800	FedEx	
FedEx	6/20/07 0940	[signature]	6/20/07 0940
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No. 885100

Receipt Temp = 2.0, 3.0, 5.0 °C

Sample Receipt pH
(OK) / Adjusted

Cooler Custody Seal
Present / (Not Present)
Intact / Not Intact

Version 6.0 06/14/06

Sample Condition Upon Receipt

Pace Analytical

Client Name: FOTH Project # 885140

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace Other Dun x

Tracking #:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used TB **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Cooler Temperature 1.0 **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and initials of person examining contents: RG 6/28/07

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. NITRATE / Turbidity
Rush Turn Around Time Requested:	☐Yes ☐No ☐N/A	7. 1 week
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12. MISSING 1-500mL unpr. for KMW-5. Extra volume for MW-7, 1-500mL unpr. RG 6/2
-Includes date/time/ID/Analysis Matrix: WW		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed RG Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: MAT for Todd N **Date:** 7.9.07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

Company Name:	North Jackson Co. Eaton VANDYKE
Branch/Location:	
Project Contact:	J. Kesy
Phone:	
Project Number:	
Project Name:	Humboldt M.11
Project State:	MI
Sampled By (Print):	Andrew Maraglini Richard Eagle
Sampled By (Sign):	Richard R Eagle
PO #:	Regulatory Program:

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www.pacelabs.com

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

COC No. 021996

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other ZnAc NaOH

Quote #:	
Mail To Contact:	J. Kesy
Mail To Company:	FUD
Mail To Address:	Green Bay, WI
Invoice To Contact:	SAME
Invoice To Company:	SAME
Invoice To Address:	SAME
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SL = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: Metals Hardness Ca,Mg,Na,K	LL Hg	Cyanide	Ammonia	Alk2, Cl, Fl, SO4 Nitrate, Nitrite	PAH	Sulfide	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					N	D		A	G	C	A	A	J			
001	FBK-007	6/20/07	1241	W			2	1	1	1	1			2-500mL H,D 3-250mL C,D,J 1-500mL CC		
002	KMW-5		1300	W			2	1	1	1	1		1	1 SCONE P, 4-250mL C,D,G F 1-500mL G		
003	DUP-007		—	W			2	1	1	1	1		1			
004	MW-7		1335	W							1(*)	1		partial ≥ 250mL	1-1Liter Aq, 1-500mL A	
															(*) On VOC checked as per Tod N. 6/21/07	

☐ Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed: 6/27/07 1 week

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Richard EAGLE	6/20/07 1800	DHX	
DHX	6/21/07 0845	[illegible]	6/21/07 0845

PACE Project No. 885140

Receipt Temp = 1.0 °C

Sample Receipt pH: (OK) Adjusted

Cooler Custody Seal: Present / (Not Present)

Intact / (Not Intact)

Version 6.0 06/14/06

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

REVISED
KSK 7/31/07

Project Name: HUMBOLDT MILL

Project Number:

FOTH INFRASTRUCTURE & ENVIRONMENT
ATTN: JANIS KESY
ATTN: ACCOUNTS PAYABLE
PO BOX 12326
GREEN BAY WI 54307-2326

Attached are the following for Batch Number: **884812**

____ **Organic**
__X__ **Inorganic**
____ **QC Data**
____ **Diskette**

Ship By: __X__ First Class Mail ____ FedEx
____ Priority Mail ____ Other: _____

Comments:

ENCLOSED PLEASE FIND THE REVISED REPORT FOR YOUR SAMPLE MW-102 TO INCLUDE LITHIUM. I APOLOGIZE FOR ANY INCONVENIENCE THIS MAY HAVE CAUSED FOR YOU.

SINCERELY,

If you have any questions please call your Client Manager: **Tod Noltemeyer**

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

REVISED
TBK 7/31/07

Analytical Report Number: 884812

Client: FOTH INFRASTRUCTURE & ENVIRONMENT

Lab Contact: Tod Noltemeyer

Project Name: HUMBOLDT MILL

Project Number:

Lab Sample Number	Field ID	Matrix	Collection Date
884812-005	MW-102	WATER	06/12/07 14:50

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

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ACCREDITED IN ACCORDANCE WITH nelac

Approval Signature

7/31/07
Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

REVISED
KSK 7/31/07

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-102

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/31/07
Lab Sample Number : 884812-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Aluminum	320000	44	500	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Antimony	16	0.10	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Arsenic	290	0.093	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Barium	41	0.072	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Beryllium	43	0.70	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Boron	160	11	100	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cadmium	67	0.097	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Calcium	350000	100	5000	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Chromium	3200	4.3	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Cobalt	4700	0.59	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Copper	11000	1.2	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Hardness	1900	1.5	20	10	mg/L		06/19/07 02:48 PM	SW846 3020A	6020/2340B
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Iron	2.9E+6	290	5000	100	ug/L		06/19/07 02:40 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lead	45	0.044	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Lithium	310	0.080	0.26	1	ug/L		07/25/07 10:20 PM	EPA 3020	EPA 6020
							Prep Date/Time: 07/24/07 04:24 PM	Anl By: *PA	
Magnesium	260000	530	5000	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Manganese	18000	0.80	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Molybdenum	23	U 23	2000	200	ug/L	C	06/20/07 06:29 AM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Nickel	13000	0.75	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Potassium	2300	B 62	5000	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Selenium	0.60	B 0.15	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Silver	2.6	0.11	0.50	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Sodium	3900	B 460	5000	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	
Thallium	0.12	B 0.030	1.0	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	Anl By: CCR	

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 884600

REVISED
KSK 7/31/07

Client : FOTH INFRASTRUCTURE & ENVIRONMENT
Project Name : HUMBOLDT MILL
Project Number :
Field ID : MW-102

Matrix Type : WATER
Collection Date : 06/12/07
Report Date : 07/31/07
Lab Sample Number : 884812-005

INORGANICS

Test	Result	MDL	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Vanadium	200	4.1	10	10	ug/L		06/19/07 02:48 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	
Zinc	5700	2.1	10	1	ug/L		06/19/07 01:02 PM	SW846 3020A	SW846 6020
							Prep Date/Time: 06/18/07 06:00 AM	**Anl By:** CCR	

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

REVISED
KSK 1/2/07

Test Group Name	884812-005
ALUMINUM	B
ANTIMONY	B
ARSENIC	B
BARIUM	B
BERYLLIUM	B
BORON	B
CADMIUM	B
CALCIUM	B
CHROMIUM	B
COBALT	B
COPPER	B
HARDNESS	B
IRON	B
LEAD	B
LITHIUM	M
MAGNESIUM	B
MANGANESE	B
MOLYBDENUM	B
NICKEL	B
POTASSIUM	B
SELENIUM	B
SILVER	B
SODIUM	B
THALLIUM	B
VANADIUM	B
ZINC	B

Code	MI Certification
B	Not Certified
M	Not Certified

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 21713
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2202-32	MBWMTG2202-32
LCS	LCSWMTG2202-32	LCSWMTG2202-32
MS	KMW-3MS	884600-003MS
MSD	KMW-3MSD	884600-003MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	884600-001	MB
KMW-3	884600-003	MB
KMW-7	884600-005	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-001	884600-002	MB
KMW-4	884600-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	J	10	10000.0	10900	109.0		---	---	---		---		75	125	20	884600-003		947.600	10000.0	11000	100.5		10000.0	11390	104.4		3.5		75	125	20
Antimony	J	0.15	200.0	210.3	105.2		---	---	---		---		75	125	20	884600-003		0.1700	200.0	208.9	104.4		200.0	211.4	105.6		1.2		75	125	20
Arsenic	<	0.093	200.0	203.3	101.7		---	---	---		---		75	125	20	884600-003		17.85	200.0	217.4	99.8		200.0	222.9	102.5		2.5		75	125	20
Barium	<	0.072	200.0	201.2	100.6		---	---	---		---		75	125	20	884600-003		74.97	200.0	276.7	100.9		200.0	281.5	103.3		1.7		75	125	20
Beryllium	<	0.07	200.0	210.5	105.2		---	---	---		---		75	125	20	884600-003		0.1100	200.0	182.9	91.4		200.0	183.7	91.8		0.4		75	125	20
Boron	<	1.1	200.0	212.8	106.4		---	---	---		---		75	125	20	884600-003		44.78	200.0	229.1	92.2		200.0	229.6	92.4		0.2		75	125	20
Cadmium	<	0.097	200.0	199.5	99.8		---	---	---		---		75	125	20	884600-003	<	0.097	200.0	194.9	97.4		200.0	198	99.0		1.6		75	125	20
Calcium	J	19	10000.0	10710	107.1		---	---	---		---		75	125	20	884600-003		35730.0	10000.0	45500	97.7		10000.0	46320	105.9		1.8		75	125	20
Chromium	<	0.43	200.0	203.9	101.9		---	---	---		---		75	125	20	884600-003		3.080	200.0	199.2	98.1		200.0	202	99.5		1.4		75	125	20
Cobalt	<	0.059	200.0	199.2	99.6		---	---	---		---		75	125	20	884600-003		3.740	200.0	194	95.1		200.0	199.6	97.9		2.8		75	125	20
Copper	J	0.24	200.0	202	101.0		---	---	---		---		75	125	20	884600-003		3.860	200.0	194.7	95.4		200.0	198.9	97.5		2.1		75	125	20
Iron	J	6.7	10000.0	10490	104.9		---	---	---		---		75	125	20	884600-003		24270.0	10000.0	33780	95.1		10000.0	34790	105.2		2.9		75	125	20
Lead	<	0.044	200.0	204.3	102.2		---	---	---		---		75	125	20	884600-003		1.170	200.0	206.8	102.8		200.0	209.1	104.0		1.1		75	125	20
Magnesium	<	53	10000.0	10730	107.3		---	---	---		---		75	125	20	884600-003		16240.0	10000.0	26030	97.9		10000.0	26450	102.1		1.6		75	125	20
Manganese	J	0.27	200.00	199.7	99.8		---	---	---		---		75	125	20	884600-003		4409.0	200.00	4497	44.0	+	200.00	4632	111.5	+	3.0		75	125	20
Molybdenum	J	0.21	200.0	208	104.0		---	---	---		---		75	125	20	884600-003		1.530	200.0	208.1	103.3		200.0	209.5	104.0		0.7		75	125	20
Nickel	<	0.075	200.0	201.5	100.8		---	---	---		---		75	125	20	884600-003		3.030	200.0	194.7	95.8		200.0	197	97.0		1.2		75	125	20
Potassium	J	11	10000.0	10840	108.4		---	---	---		---		75	125	20	884600-003		2796.00	10000.0	13230	104.3		10000.0	13560	107.6		2.5		75	125	20
Selenium	J	0.23	200.0	189	94.5		---	---	---		---		75	125	20	884600-003		0.4900	200.0	184.3	91.9		200.0	187.9	93.7		1.9		75	125	20
Silver	<	0.11	100.0	100.6	100.6		---	---	---		---		75	125	20	884600-003	<	0.11	100.0	97.5	97.5		100.0	100.4	100.4		3.0		75	125	20
Sodium	J	51	10000.0	10620	106.2		---	---	---		---		75	125	20	884600-003		3459.00	10000.0	13570	101.1		10000.0	13690	102.3		0.9		75	125	20
Thallium	<	0.03	200.0	200	100.0		---	---	---		---		75	125	20	884600-003	<	0.03	200.0	203.2	101.6		200.0	205.7	102.8		1.2		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21713

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Vanadium	<	0.41	200.0	204.4	102.2		---	---	---		---			75	125	20	884600-003	3.880	200.0	202.2	99.2		200.0	204	100.1		0.9			75	125	20
Zinc	<	2.1	200.0	199.8	99.9		---	---	---		---			75	125	20	884600-003	9.040	200.0	193.2	92.1		200.0	197.9	94.4		2.4			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21713

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 21936
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2207-013	MBWMTG2207-013
IPR	IPRWMTG2207-013	IPRWMTG2207-013
OPR	OPRWMTG2207-013	OPRWMTG2207-013
MS	884659-001MS	884659-001MS
MS	884593-001MS	884593-001MS
MSD	884659-001MSD	884659-001MSD
MSD	884593-001MSD	884593-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	884600-001	MB
KMW-3	884600-003	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-001	884600-002	MB
KMW-4	884600-004	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.224	0	---	---		---	---	---		---		---	---	---	884593-001	9.73	50.0	69.9	120.4		50.0	61.8	104.2		12.3		75	125	24
Mercury - Low Level	0.224	0	---	---		---	---	---		---		---	---	---	884659-001	137.6	200.0	318.7	90.5		200.0	344.6	103.5		7.8		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21936

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21649
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2192-092MB	WCG2192-092MB
LCS	WCG2192-092MBLCS	WCG2192-092MBLCS
MS	KMW-7MS	884600-005MS
MS	KMW-4MS	884600-004MS
MSD	KMW-7MSD	884600-005MSD
MSD	KMW-4MSD	884600-004MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	884600-001	MB
KMW-3	884600-003	MB
KMW-7	884600-005	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-001	884600-002	MB
KMW-4	884600-004	MB

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD		LCS/LCSD Control Limits			Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD		MS/MSD Control Limits		
		Conc		Conc	%	C		Conc	%	C	%	C	LCL %	UCL %	RPD %			Conc		Conc	%	C		Conc	%	C	%	C	LCL %	UCL %	RPD %
Chloride	<	1.1	20.0	20.9	104.4		---	---	---		---		90	110	20	884600-004		2.73	20.0	21.6	94.4		20.0	21.9	95.8		1.3		90	110	20
Fluoride	<	0.059	2.0	2.2	107.5		---	---	---		---		90	110	20	884600-004		0.19	2.0	2.1	96.5		2.0	2.2	98.0		1.4		90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.7	107.5		---	---	---		---		90	110	20	884600-004	<	0.085	1.6	1.7	103.8		1.6	1.7	104.4		0.6		90	110	20
Nitrogen, Nitrite	<	0.036	2.0	2.2	110.5		---	---	---		---		90	110	20	884600-004	<	0.036	0.80	0.84	105.0		0.80	0.84	105.0		0.0		90	110	20
Sulfate	<	0.51	16.00	16.7	104.2		---	---	---		---		90	110	20	884600-004		95.30	160.0	247.3	95.0		160.0	249.8	96.6		1.0		90	110	20
Chloride	<	1.1	20.0	20.9	104.4		---	---	---		---		90	110	20	884600-005		4.41	20.0	23.2	93.8		20.0	23.7	96.4		2.2		90	110	20
Fluoride	<	0.059	2.0	2.2	107.5		---	---	---		---		90	110	20	884600-005		0.14	2.0	1.9	88.0	N	2.0	1.9	89.5		1.6		90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.7	107.5		---	---	---		---		90	110	20	884600-005	<	0.085	1.6	1.6	101.2		1.6	1.6	102.5		1.2		90	110	20
Nitrogen, Nitrite	<	0.036	2.0	2.2	110.5		---	---	---		---		90	110	20	884600-005	<	0.036	0.80	0.78	97.5		0.80	0.79	98.8		1.3		90	110	20
Sulfate	<	0.51	16.000	16.7	104.2		---	---	---		---		90	110	20	884600-005		870.00	800.00	1710.5	105.1		800.00	1692	102.8		1.1		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21649

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21675
Prep Method: SM 4500-S2 F
Analytical Method: SM 4500-S2 F

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-033MB	WCG2189-033MB
LCS	WCG2189-033MBLCS	WCG2189-033MBLCS
MS	884554-002MS	884554-002MS
MSD	884554-002MSD	884554-002MSD

Client Sample ID	Lab Sample ID	MB ID
KMW-7	884600-005	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Sulfide	< 2.3	40.4	40	99.0		---	---	---		---		80	120	20	884554-002	< 2.3	40.4	32.8	81.2		40.4	36.8	91.1		11.5		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21675

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21774
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-035MB	WCG2189-035MB
LCS	WCG2189-035MBLCS	WCG2189-035MBLCS
MS	FBK-001MS	884600-001MS
MSD	FBK-001MSD	884600-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	884600-001	MB
KMW-3	884600-003	MB
KMW-7	884600-005	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-001	884600-002	MB
KMW-4	884600-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	<	3.2	77.40	74.9	96.8		---	---	---		---			80	120	20	884600-001	<	3.2	100.0	102.7	102.7		100.0	100.6	100.6		2.1			80	120	20
Carbonate Alkalinity	<	3.2	0	---	---		---	---	---		---			---	---	---	884600-001	<	3.2	---	---	---		---	---	---		---			---	---	---
Total Alkalinity	<	3.2	77.40	74.9	96.8		---	---	---		---			80	120	20	884600-001	<	3.2	100.0	102.7	102.7		100.0	100.6	100.6		2.1			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 21774

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21932
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-078MB	WCG2220-078MB
LCS	WCG2220-078MBLCS	WCG2220-078MBLCS
MS	885000-001MS	885000-001MS
MS	884671-001MS	884671-001MS
MSD	885000-001MSD	885000-001MSD
MSD	884671-001MSD	884671-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	884600-001	MB
KMW-3	884600-003	MB
KMW-7	884600-005	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-001	884600-002	MB
KMW-4	884600-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.5	10	10.9	109.2		---	---	---		---			90	110	20	884671-001	<	0.5	10	9.8	98.2		10	9.8	98.0		0.2			90	110	20
Nitrogen, Ammonia	<	0.5	10.0	10.9	109.2		---	---	---		---			90	110	20	885000-001		1.24	10.0	12.4	111.5	N	10.0	11.9	106.5		4.1			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 21932

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21950
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-079MB	WCG2220-079MB
LCS	WCG2220-079MBLCS	WCG2220-079MBLCS
MS	884812-009MS	884812-009MS
MS	884756-001MS	884756-001MS
MSD	884812-009MSD	884812-009MSD
MSD	884756-001MSD	884756-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-001	884600-001	MB
KMW-3	884600-003	MB
KMW-7	884600-005	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-001	884600-002	MB
KMW-4	884600-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.006	0.10	0.092	91.7		---	---	---		---			90	110	20	884756-001	<	0.006	0.10	0.11	110.1		0.10	0.11	108.3		1.7			90	110	20
Cyanide, Total	<	0.006	0.10	0.092	91.7		---	---	---		---			90	110	20	884812-009	<	0.006	0.10	0.11	114.3	N	0.10	0.12	120.8	N	5.5			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21950

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 21795
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2202-38	MBWMTG2202-38
LCS	LCSWMTG2202-38	LCSWMTG2202-38
MS	KMW-6MS	884671-003MS
MSD	KMW-6MSD	884671-003MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-002	884671-001	MB
KMW-6	884671-003	MB
KMW-9	884671-005	MB
MW-12	884671-007	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-002	884671-002	MB
KMW-9P	884671-004	MB
KMW-10	884671-006	MB
P-604	884671-008	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	J	11	10000.0	9962	99.6		---	---	---		---			75	125	20	884671-003		1148.00	10000.0	10250	91.0		10000.0	10360	92.1		1.1			75	125	20
Antimony	<	0.1	200.0	195.4	97.7		---	---	---		---			75	125	20	884671-003		0.1800	200.0	193	96.4		200.0	194.2	97.0		0.6			75	125	20
Arsenic	<	0.093	200.0	199	99.5		---	---	---		---			75	125	20	884671-003		25.66	200.0	223.6	99.0		200.0	222.6	98.5		0.4			75	125	20
Barium	J	0.1	200.0	192.6	96.3		---	---	---		---			75	125	20	884671-003		47.31	200.0	244.9	98.8		200.0	245.6	99.1		0.3			75	125	20
Beryllium	<	0.07	200.0	197.1	98.6		---	---	---		---			75	125	20	884671-003	<	0.07	200.0	157.1	78.6		200.0	161.5	80.8		2.8			75	125	20
Boron	J	9.5	200.0	201.1	100.6		---	---	---		---			75	125	20	884671-003		97.32	200.0	254.6	78.6		200.0	259.4	81.0		1.9			75	125	20
Cadmium	<	0.097	200.0	193.3	96.7		---	---	---		---			75	125	20	884671-003	<	0.097	200.0	187.6	93.8		200.0	189.6	94.8		1.1			75	125	20
Calcium	<	10	10000.0	10290	102.9		---	---	---		---			75	125	20	884671-003		78470.0	10000.0	91370	129.0	+	10000.0	91500	130.3	+	0.1			75	125	20
Chromium	<	0.43	200.0	195.7	97.8		---	---	---		---			75	125	20	884671-003		9.740	200.0	194.1	92.2		200.0	195.8	93.0		0.9			75	125	20
Cobalt	<	0.059	200.0	185.2	92.6		---	---	---		---			75	125	20	884671-003		14.10	200.0	189.5	87.7		200.0	190.7	88.3		0.6			75	125	20
Copper	J	0.3	200.0	183	91.5		---	---	---		---			75	125	20	884671-003		4.080	200.0	175.7	85.8		200.0	176.6	86.3		0.5			75	125	20
Iron	<	2.9	10000.0	10020	100.2		---	---	---		---			75	125	20	884671-003		56600.0	10000.0	68590	119.9	+	10000.0	67570	109.7	+	1.5			75	125	20
Lead	<	0.044	200.0	193.2	96.6		---	---	---		---			75	125	20	884671-003		0.6900	200.0	195.6	97.5		200.0	196.2	97.8		0.3			75	125	20
Magnesium	<	53	10000.0	10240	102.4		---	---	---		---			75	125	20	884671-003		40710.0	10000.0	51110	104.0	+	10000.0	51700	109.9	+	1.1			75	125	20
Manganese	J	0.1	200.000	194.1	97.1		---	---	---		---			75	125	20	884671-003		14950.0	200.000	15480	265.0	+	200.000	15230	140.0	+	1.6			75	125	20
Molybdenum	<	0.12	200.0	195.2	97.6		---	---	---		---			75	125	20	884671-003		2.280	200.0	179.9	88.8		200.0	181.2	89.5		0.7			75	125	20
Nickel	J	0.59	200.0	187.7	93.8		---	---	---		---			75	125	20	884671-003		49.49	200.0	222.6	86.6		200.0	225.3	87.9		1.2			75	125	20
Potassium	<	6.2	10000.0	10340	103.4		---	---	---		---			75	125	20	884671-003		3712.00	10000.0	13660	99.5		10000.0	13800	100.9		1.0			75	125	20
Selenium	<	0.15	200.0	184.5	92.2		---	---	---		---			75	125	20	884671-003		0.3700	200.0	182.4	91.0		200.0	182.3	91.0		0.1			75	125	20
Silver	<	0.11	100	91.9	91.9		---	---	---		---			75	125	20	884671-003	<	0.11	100	85.4	85.3		100	85.2	85.2		0.2			75	125	20
Sodium	<	46	10000.0	10200	102.0		---	---	---		---			75	125	20	884671-003		5785.00	10000.0	15090	93.1		10000.0	15330	95.4		1.6			75	125	20
Thallium	<	0.03	200.0	187.6	93.8		---	---	---		---			75	125	20	884671-003		4.000E-2	200.0	192.3	96.1		200.0	192.1	96.0		0.1			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 21795

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Vanadium	<	0.41	200.0	197.9	98.9		---	---	---		---		75	125	20	884671-003		5.800	200.0	196.4	95.3		200.0	197.4	95.8		0.5		75	125	20
Zinc	<	2.1	200.0	206.1	103.1		---	---	---		---		75	125	20	884671-003		6.660	200.0	201.5	97.4		200.0	200.4	96.9		0.5		75	125	20

Conc = ug/L unless otherwise noted
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Report Date: 9/4/2007
QC Batch Number: 21795

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 22157
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2207-016	MBWMTG2207-016
IPR	IPRWMTG2207-016	IPRWMTG2207-016
OPR	OPRWMTG2207-016	OPRWMTG2207-016
MS	884805-001MS	884805-001MS
MS	DUP-002MS	884671-002MS
MSD	884805-001MSD	884805-001MSD
MSD	DUP-002MSD	884671-002MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-002	884671-001	MB
KMW-6	884671-003	MB
KMW-9	884671-005	MB
MW-12	884671-007	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-002	884671-002	MB
KMW-9P	884671-004	MB
KMW-10	884671-006	MB
P-604	884671-008	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.344	0	---	---		---	---	---		---		---	---	---	884671-002	1.0	5.0	5.8	95.6		5.0	5.7	93.3		2.0		75	125	24
Mercury - Low Level	0.344	0	---	---		---	---	---		---		---	---	---	884805-001	4.50	10.0	14.3	97.8		10.0	13.9	93.7		2.9		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 22157

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21679
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2192-093MB	WCG2192-093MB
LCS	WCG2192-093MBLCS	WCG2192-093MBLCS
MS	884710-002MS	884710-002MS
MS	DUP-002MS	884671-002MS
MSD	884710-002MSD	884710-002MSD
MSD	DUP-002MSD	884671-002MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-002	884671-001	MB
KMW-6	884671-003	MB
KMW-9	884671-005	MB
MW-12	884671-007	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-002	884671-002	MB
KMW-9P	884671-004	MB
KMW-10	884671-006	MB
P-604	884671-008	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	< 1.1	20.0	20	100.1		---	---	---		---			90	110	20	884671-002	7.61	20.0	27.1	97.4		20.0	27.2	98.2		0.6			90	110	20
Fluoride	< 0.059	2.0	2	102.5		---	---	---		---			90	110	20	884671-002	0.21	2.0	2.1	95.0		2.0	2.1	95.0		0.0			90	110	20
Nitrogen, Nitrate	< 0.085	1.6	1.6	102.5		---	---	---		---			90	110	20	884671-002	0.17	1.6	1.6	91.9		1.6	1.7	94.4		2.4			90	110	20
Nitrogen, Nitrite	< 0.036	0.80	0.86	107.5		---	---	---		---			90	110	20	884671-002	< 0.036	0.80	0.81	101.2		0.80	0.82	102.5		1.2			90	110	20
Sulfate	< 0.51	16.00	16.2	101.2		---	---	---		---			90	110	20	884671-002	300.2	160.0	473	108.0		160.0	475.1	109.3		0.4			90	110	20
Chloride	< 1.1	20.0	20	100.1		---	---	---		---			90	110	20	884710-002	12.7	20.0	33.6	104.2		20.0	33.5	103.9		0.2			90	110	20
Fluoride	< 0.059	2.0	2	102.5		---	---	---		---			90	110	20	884710-002	0.29	2.0	2.2	96.5		2.0	2.2	96.0		0.5			90	110	20
Nitrogen, Nitrate	< 0.085	1.6	1.6	102.5		---	---	---		---			90	110	20	884710-002	2.2	1.6	3.8	105.6		1.6	3.8	103.8		0.8			90	110	20
Nitrogen, Nitrite	< 0.036	0.80	0.86	107.5		---	---	---		---			90	110	20	884710-002	< 0.036	0.80	0.87	108.8		0.80	0.87	108.8		0.0			90	110	20
Sulfate	< 0.51	16.00	16.2	101.2		---	---	---		---			90	110	20	884710-002	138.5	160.0	295.8	98.3		160.0	297	99.1		0.4			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 21679

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21759
Prep Method: SM 4500-S2 F
Analytical Method: SM 4500-S2 F

QC Type	Client Sample ID	Lab Sample ID
MB	WCH2189-036MB	WCH2189-036MB
LCS	WCH2189-036MBLCS	WCH2189-036MBLCS
LCSD	WCH2189-036MBLCSD	WCH2189-036MBLCSD

Client Sample ID	Lab Sample ID	MB ID
FBK-002	884671-001	MB
KMW-6	884671-003	MB
KMW-9	884671-005	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-002	884671-002	MB
KMW-9P	884671-004	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Sulfide	< 2.3	41.2	42.4	102.9		41.2	42.4	102.9		0.0		80	120	20	---	---	---	---	---		---	---	---		---		---	---	---

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21759

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21774
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-035MB	WCG2189-035MB
LCS	WCG2189-035MBLCS	WCG2189-035MBLCS
MS	884600-001MS	884600-001MS
MSD	884600-001MSD	884600-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-002	884671-001	MB
KMW-6	884671-003	MB
KMW-9	884671-005	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-002	884671-002	MB
KMW-9P	884671-004	MB
KMW-10	884671-006	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Bicarbonate Alkalinity	< 3.2	77.40	74.9	96.8		---	---	---		---		80	120	20	884600-001	< 3.2	100.0	102.7	102.7		100.0	100.6	100.6		2.1		80	120	20
Carbonate Alkalinity	< 3.2	0	---	---		---	---	---		---		---	---	---	884600-001	< 3.2	---	---	---		---	---	---		---		---	---	---
Total Alkalinity	< 3.2	77.40	74.9	96.8		---	---	---		---		80	120	20	884600-001	< 3.2	100.0	102.7	102.7		100.0	100.6	100.6		2.1		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21774

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21776
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-037MB	WCG2189-037MB
LCS	WCG2189-037MBLCS	WCG2189-037MBLCS
MS	MW-12MS	884671-007MS
MSD	MW-12MSD	884671-007MSD

Client Sample ID	Lab Sample ID	MB ID
MW-12	884671-007	MB

Client Sample ID	Lab Sample ID	MB ID
P-604	884671-008	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	<	3.2	77.40	74.9	96.8		---	---	---		---			80	120	20	884671-007		139.1	100.0	237.5	98.4		100.0	241.8	102.7		1.8			80	120	20
Carbonate Alkalinity	<	3.2	0	---	---		---	---	---		---			---	---	---	884671-007	<	3.2	---	---	---		---	---	---		---			---	---	---
Total Alkalinity	<	3.2	77.40	74.9	96.8		---	---	---		---			80	120	20	884671-007		139.1	100.0	237.5	98.4		100.0	241.8	102.7		1.8			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21776

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21932
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-078MB	WCG2220-078MB
LCS	WCG2220-078MBLCS	WCG2220-078MBLCS
MS	885000-001MS	885000-001MS
MS	FBK-002MS	884671-001MS
MSD	885000-001MSD	885000-001MSD
MSD	FBK-002MSD	884671-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-002	884671-001	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-10	884671-006	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.5	10	10.9	109.2		---	---	---		---		90	110	20	884671-001	<	0.5	10	9.8	98.2		10	9.8	98.0		0.2		90	110	20
Nitrogen, Ammonia	<	0.5	10.0	10.9	109.2		---	---	---		---		90	110	20	885000-001		1.24	10.0	12.4	111.5	N	10.0	11.9	106.5		4.1		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21932

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21977
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-082MB	WCG2220-082MB
LCS	WCG2220-082MBLCS	WCG2220-082MBLCS
MS	884877-006MS	884877-006MS
MS	P-604MS	884671-008MS
MSD	884877-006MSD	884877-006MSD
MSD	P-604MSD	884671-008MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-002	884671-001	MB
KMW-6	884671-003	MB
KMW-9	884671-005	MB
MW-12	884671-007	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-002	884671-002	MB
KMW-9P	884671-004	MB
KMW-10	884671-006	MB
P-604	884671-008	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.006	0.10	0.1	103.9		---	---	---		---			90	110	20	884671-008	<	0.006	0.10	0.1	101.9		0.10	0.1	100.3		1.6			90	110	20
Cyanide, Total	<	0.006	0.10	0.1	103.9		---	---	---		---			90	110	20	884877-006	<	0.006	0.10	0.1	100		0.10	0.1	101.8		1.8			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21977

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21994
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-086MB	WCG2220-086MB
LCS	WCG2220-086MBLCS	WCG2220-086MBLCS
MS	885004-001MS	885004-001MS
MS	884752-002MS	884752-002MS
MSD	885004-001MSD	885004-001MSD
MSD	884752-002MSD	884752-002MSD

Client Sample ID	Lab Sample ID	MB ID
DUP-002	884671-002	MB
KMW-9P	884671-004	MB
MW-12	884671-007	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-6	884671-003	MB
KMW-9	884671-005	MB
P-604	884671-008	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result		MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Nitrogen, Ammonia	<	0.5	10.0	10.1	101.1		---	---	---		---		90	110	20	884752-002	<	0.5	10.0	10.6	106.4		10.0	9.7	97.4		8.8		90	110	20
Nitrogen, Ammonia	<	0.5	10.0	10.1	101.1		---	---	---		---		90	110	20	885004-001		8.03	10.0	17.9	98.9		10.0	17.5	94.7		2.4		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21994

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 21800
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2202-40	MBWMTG2202-40
LCS	LCSWMTG2202-40	LCSWMTG2202-40
MS	884728-001MS	884728-001MS
MSD	884728-001MSD	884728-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-103	884756-001	MB
MW-9	884756-003	MB
FBK003	884756-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-604	884756-002	MB
DUP003	884756-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	J	8.7	10000.0	10030	100.3		---	---	---		---			75	125	20	884728-001		77.6900	10000.0	9659	95.8		10000.0	10140	100.6		4.9			75	125	20
Antimony	<	0.1	200.0	199.1	99.6		---	---	---		---			75	125	20	884728-001		59.15	200.0	254.4	97.6		200.0	263.7	102.3		3.6			75	125	20
Arsenic	<	0.093	200.0	200.8	100.4		---	---	---		---			75	125	20	884728-001		20.77	200.0	214.7	97.0		200.0	221.3	100.3		3.0			75	125	20
Barium	<	0.072	200.0	193	96.5		---	---	---		---			75	125	20	884728-001		4.830	200.0	196.5	95.8		200.0	203.7	99.4		3.6			75	125	20
Beryllium	<	0.07	200.0	195.5	97.8		---	---	---		---			75	125	20	884728-001	<	0.07	200.0	183.7	91.8		200.0	191.6	95.8		4.2			75	125	20
Boron	J	8.3	200.0	198.8	99.4		---	---	---		---			75	125	20	884728-001		85.70	200.0	261.8	88.1		200.0	271.2	92.8		3.5			75	125	20
Cadmium	<	0.097	200.0	195.7	97.8		---	---	---		---			75	125	20	884728-001	<	0.097	200.0	187.5	93.8		200.0	195.1	97.6		4.0			75	125	20
Calcium	<	10	10000.0	10250	102.5		---	---	---		---			75	125	20	884728-001		50230.0	10000.0	59470	92.4	+	10000.0	58820	85.9	+	1.1			75	125	20
Chromium	<	0.43	200.0	200.2	100.1		---	---	---		---			75	125	20	884728-001		2.060	200.0	188.8	93.4		200.0	197.3	97.6		4.4			75	125	20
Cobalt	<	0.059	200.0	183.7	91.8		---	---	---		---			75	125	20	884728-001		4.660	200.0	184.2	89.8		200.0	192.6	94.0		4.5			75	125	20
Copper	<	0.12	200.0	193.3	96.7		---	---	---		---			75	125	20	884728-001		1.420	200.0	180.6	89.6		200.0	188.9	93.7		4.5			75	125	20
Iron	<	2.9	10000.0	10320	103.2		---	---	---		---			75	125	20	884728-001		185.800	10000.0	10030	98.4		10000.0	10440	102.5		4.0			75	125	20
Lead	<	0.044	200.0	196.3	98.2		---	---	---		---			75	125	20	884728-001		0.6000	200.0	193.5	96.3		200.0	200.1	99.7		3.4			75	125	20
Magnesium	<	53	10000.0	10320	103.2		---	---	---		---			75	125	20	884728-001		25300.0	10000.0	35460	101.6		10000.0	35100	98.0		1.0			75	125	20
Manganese	<	0.08	200.0	197.7	98.8		---	---	---		---			75	125	20	884728-001		207.3	200.0	376.6	84.7		200.0	388.5	90.6		3.1			75	125	20
Molybdenum	<	0.12	200.0	198.1	99.1		---	---	---		---			75	125	20	884728-001		43.70	200.0	233.3	94.8		200.0	241.1	98.7		3.3			75	125	20
Nickel	J	0.51	200.0	197.4	98.7		---	---	---		---			75	125	20	884728-001		29.25	200.0	209.8	90.3		200.0	216	93.4		2.9			75	125	20
Potassium	<	6.2	10000.0	10410	104.1		---	---	---		---			75	125	20	884728-001		11350.0	10000.0	21370	100.2		10000.0	22070	107.2		3.2			75	125	20
Selenium	<	0.15	200.0	191	95.5		---	---	---		---			75	125	20	884728-001		0.3600	200.0	182.3	91.0		200.0	187.1	93.4		2.6			75	125	20
Silver	<	0.11	100	92.6	92.6		---	---	---		---			75	125	20	884728-001	<	0.11	100	86.4	86.4		100	90	89.9		4.1			75	125	20
Sodium	<	46	10000.0	10300	103.0		---	---	---		---			75	125	20	884728-001		15360.0	10000.0	24500	91.4		10000.0	25310	99.5		3.3			75	125	20
Thallium	<	0.03	200.0	190.6	95.3		---	---	---		---			75	125	20	884728-001		4.000E-2	200.0	188.8	94.4		200.0	194.6	97.3		3.0			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21800

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Vanadium	<	0.41	200.0	200	100.0		---	---	---		---		75	125	20	884728-001	0.4800	200.0	190.4	95.0		200.0	198.7	99.1		4.3		75	125	20
Zinc	J	3.3	200.0	202.3	101.2		---	---	---		---		75	125	20	884728-001	3.870	200.0	190.3	93.2		200.0	196.2	96.2		3.1		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21800

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 21936
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2207-013	MBWMTG2207-013
IPR	IPRWMTG2207-013	IPRWMTG2207-013
OPR	OPRWMTG2207-013	OPRWMTG2207-013
MS	884659-001MS	884659-001MS
MS	884593-001MS	884593-001MS
MSD	884659-001MSD	884659-001MSD
MSD	884593-001MSD	884593-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-604	884756-002	MB
FBK003	884756-005	MB

Client Sample ID	Lab Sample ID	MB ID
DUP003	884756-004	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.224	0	---	---		---	---	---		---		---	---	---	884593-001	9.73	50.0	69.9	120.4		50.0	61.8	104.2		12.3		75	125	24
Mercury - Low Level	0.224	0	---	---		---	---	---		---		---	---	---	884659-001	137.6	200.0	318.7	90.5		200.0	344.6	103.5		7.8		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21936

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21781
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2192-096MB	WCG2192-096MB
LCS	WCG2192-096MBLCS	WCG2192-096MBLCS
MS	MW-103MS	884756-001MS
MSD	MW-103MSD	884756-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-103	884756-001	MB
MW-9	884756-003	MB
FBK003	884756-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-604	884756-002	MB
DUP003	884756-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	1.1	20.0	20.2	101.2		---	---	---		---			90	110	20	884756-001		4.63	20.0	23	91.7		20.0	23.4	93.8		1.8			90	110	20
Fluoride	<	0.059	2.0	2.1	104.0		---	---	---		---			90	110	20	884756-001		0.24	2.0	2.1	94.5		2.0	2.2	96.0		1.4			90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.6	101.2		---	---	---		---			90	110	20	884756-001	<	0.085	1.6	1.6	101.2		1.6	1.6	101.2		0.0			90	110	20
Nitrogen, Nitrite	<	0.036	0.80	0.88	110.0		---	---	---		---			90	110	20	884756-001	<	0.036	0.80	0.86	107.5		0.80	0.86	107.5		0.0			90	110	20
Sulfate	<	0.51	16.00	16.4	102.7		---	---	---		---			90	110	20	884756-001		128.0	160.0	291.4	102.1		160.0	290.4	101.5		0.3			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 21781

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21841
Prep Method: SM 4500-S2 F
Analytical Method: SM 4500-S2 F

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-040MB	WCG2189-040MB
LCS	WCG2189-040MBLCS	WCG2189-040MBLCS
LCSD	WCG2189-040MBLCSD	WCG2189-040MBLCSD

Client Sample ID	Lab Sample ID	MB ID
FBK003	884756-005	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sulfide	<	2.3	41.2	40.8	99.0		41.2	39.2	95.1		4.0		80	120	20	---	---	---	---	---			---	---	---		---				

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 21841

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21866
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-039MB	WCG2189-039MB
LCS	WCG2189-039MBLCS	WCG2189-039MBLCS
MS	MW-103MS	884756-001MS
MSD	MW-103MSD	884756-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-103	884756-001	MB
MW-9	884756-003	MB
FBK003	884756-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-604	884756-002	MB
DUP003	884756-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	<	3.2	77.40	74.9	96.8		---	---	---		---			80	120	20	884756-001		111.3	100.0	184	72.8	N	100.0	188.3	77.0	N	2.3			80	120	20
Carbonate Alkalinity	<	3.2	0	---	---		---	---	---		---			---	---	---	884756-001	<	3.2	---	---	---		---	---	---		---			---	---	---
Total Alkalinity	<	3.2	77.40	74.9	96.8		---	---	---		---			80	120	20	884756-001		111.3	100.0	184	72.8	N	100.0	188.3	77.0	N	2.3			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 21866

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21931
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-077MB	WCG2220-077MB
LCS	WCG2220-077MBLCS	WCG2220-077MBLCS
MS	884840-001MS	884840-001MS
MS	MW-9MS	884756-003MS
MSD	884840-001MSD	884840-001MSD
MSD	MW-9MSD	884756-003MSD

Client Sample ID	Lab Sample ID	MB ID
MW-103	884756-001	MB
MW-9	884756-003	MB
FBK003	884756-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-604	884756-002	MB
DUP003	884756-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.5	10.0	10.2	101.7		---	---	---		---			90	110	20	884756-003	<	0.5	10.0	10.8	108.0		10.0	10.4	104.4		3.5			90	110	20
Nitrogen, Ammonia	<	0.5	10.0	10.2	101.7		---	---	---		---			90	110	20	884840-001		1.81	10.0	12.7	108.7		10.0	12.5	107.2		1.1			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 21931

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21950
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-079MB	WCG2220-079MB
LCS	WCG2220-079MBLCS	WCG2220-079MBLCS
MS	884812-009MS	884812-009MS
MS	MW-103MS	884756-001MS
MSD	884812-009MSD	884812-009MSD
MSD	MW-103MSD	884756-001MSD

Client Sample ID	Lab Sample ID	MB ID
MW-103	884756-001	MB
MW-9	884756-003	MB
FBK003	884756-005	MB

Client Sample ID	Lab Sample ID	MB ID
MW-604	884756-002	MB
DUP003	884756-004	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Cyanide, Total	< 0.006	0.10	0.092	91.7		---	---	---		---		90	110	20	884756-001	< 0.006	0.10	0.11	110.1		0.10	0.11	108.3		1.7		90	110	20
Cyanide, Total	< 0.006	0.10	0.092	91.7		---	---	---		---		90	110	20	884812-009	< 0.006	0.10	0.11	114.3	N	0.10	0.12	120.8	N	5.5		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21950

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 22014
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2202-44	MBWMTG2202-44
LCS	LCSWMTG2202-44	LCSWMTG2202-44
MS	HW-6AMS	885050-009MS
MSD	HW-6AMSD	885050-009MSD

Client Sample ID	Lab Sample ID	MB ID
HYG-1	885050-001	MB
HW-1A	885050-003	MB
HW-4	885050-005	MB
HW-5A	885050-007	MB
HW-6A	885050-009	MB
FBK005	885050-011	MB

Client Sample ID	Lab Sample ID	MB ID
HW-1	885050-002	MB
HW-2	885050-004	MB
HW-5	885050-006	MB
HW-6	885050-008	MB
DUP005	885050-010	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	<	4.4	10000.0	10390	103.9		---	---	---		---		75	125	20	885050-009		6.85000E0	10000.0	10050	100.4		10000.0	9993	99.9		0.6		75	125	20
Antimony	<	0.1	200.0	210.5	105.2		---	---	---		---		75	125	20	885050-009		4.760	200.0	206.9	101.1		200.0	203.2	99.2		1.8		75	125	20
Arsenic	<	0.093	200.0	202.7	101.3		---	---	---		---		75	125	20	885050-009		0.1500	200.0	196.8	98.3		200.0	195.8	97.8		0.5		75	125	20
Barium	<	0.072	200.0	197.2	98.6		---	---	---		---		75	125	20	885050-009		37.18	200.0	227.7	95.3		200.0	223.4	93.1		1.9		75	125	20
Beryllium	<	0.07	200.0	203.1	101.6		---	---	---		---		75	125	20	885050-009	<	0.07	200.0	192.6	96.3		200.0	192.9	96.4		0.2		75	125	20
Boron	<	1.1	200.0	201.3	100.7		---	---	---		---		75	125	20	885050-009		95.90	200.0	302.4	103.2		200.0	308.7	106.4		2.1		75	125	20
Cadmium	<	0.097	200.0	201.1	100.6		---	---	---		---		75	125	20	885050-009	<	0.097	200.0	190.2	95.1		200.0	185.4	92.7		2.6		75	125	20
Calcium	<	10	10000.0	10440	104.4		---	---	---		---		75	125	20	885050-009		46920.0	10000.0	58890	119.7	+	10000.0	58310	113.9	+	1.0		75	125	20
Chromium	<	0.43	200.0	203.7	101.8		---	---	---		---		75	125	20	885050-009	<	0.43	200.0	186.3	93.2		200.0	184.3	92.2		1.1		75	125	20
Cobalt	<	0.059	200.0	199	99.5		---	---	---		---		75	125	20	885050-009		0.6400	200.0	178.8	89.1		200.0	177.6	88.5		0.7		75	125	20
Copper	<	0.12	200.0	201.3	100.7		---	---	---		---		75	125	20	885050-009		0.5900	200.0	179.3	89.4		200.0	177.3	88.4		1.1		75	125	20
Iron	<	2.9	10000.0	10490	104.9		---	---	---		---		75	125	20	885050-009		963.500	10000.0	10480	95.2		10000.0	10380	94.2		1.0		75	125	20
Lead	<	0.044	200.0	201.5	100.8		---	---	---		---		75	125	20	885050-009	<	0.044	200.0	196.3	98.2		200.0	194.3	97.2		1.0		75	125	20
Magnesium	<	53	10000.0	10540	105.4		---	---	---		---		75	125	20	885050-009		22900.0	10000.0	34620	117.2		10000.0	34310	114.1		0.9		75	125	20
Manganese	<	0.08	200.0	201.4	100.7		---	---	---		---		75	125	20	885050-009		27.07	200.0	212.1	92.5		200.0	210.7	91.8		0.7		75	125	20
Molybdenum	<	0.12	200.0	201.1	100.6		---	---	---		---		75	125	20	885050-009		10.07	200.0	202.1	96.0		200.0	201.7	95.8		0.2		75	125	20
Nickel	<	0.075	200.0	201.9	100.9		---	---	---		---		75	125	20	885050-009	<	0.075	200.0	177.9	88.9		200.0	177.2	88.6		0.4		75	125	20
Potassium	<	6.2	10000.0	10590	105.9		---	---	---		---		75	125	20	885050-009		9409.00	10000.0	20190	107.8		10000.0	20290	108.8		0.5		75	125	20
Selenium	<	0.15	200.0	196.5	98.2		---	---	---		---		75	125	20	885050-009	<	0.15	200.0	182.8	91.4		200.0	181.9	90.9		0.5		75	125	20
Silver	<	0.11	100	98.5	98.5		---	---	---		---		75	125	20	885050-009	<	0.11	100	92.4	92.4		100	91.4	91.4		1.1		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22014

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sodium	<	46	10000.0	10420	104.2		---	---	---		---			75	125	20	885050-009		12370.0	10000.0	23310	109.4		10000.0	23260	108.9		0.2			75	125	20
Thallium	<	0.03	200.0	195.6	97.8		---	---	---		---			75	125	20	885050-009	<	0.03	200.0	191	95.5		200.0	189.7	94.8		0.7			75	125	20
Vanadium	<	0.41	200.0	204.1	102.1		---	---	---		---			75	125	20	885050-009	<	0.41	200.0	190	95.0		200.0	188.8	94.4		0.6			75	125	20
Zinc	<	2.1	200.0	187.6	93.8		---	---	---		---			75	125	20	885050-009	<	2.1	200.0	175.4	87.7		200.0	175.7	87.8		0.2			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22014

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 22207
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2207-017	MBWMTG2207-017
IPR	IPRWMTG2207-017	IPRWMTG2207-017
OPR	OPRWMTG2207-017	OPRWMTG2207-017
MS	HW-6AMS	885050-009MS
MS	884834-002MS	884834-002MS
MS	884834-001MS	884834-001MS
MSD	HW-6AMSD	885050-009MSD
MSD	884834-002MSD	884834-002MSD
MSD	884834-001MSD	884834-001MSD

Client Sample ID	Lab Sample ID	MB ID
HYG-1	885050-001	MB
HW-1A	885050-003	MB
HW-4	885050-005	MB
HW-5A	885050-007	MB
HW-6A	885050-009	MB
FBK005	885050-011	MB

Client Sample ID	Lab Sample ID	MB ID
HW-1	885050-002	MB
HW-2	885050-004	MB
HW-5	885050-006	MB
HW-6	885050-008	MB
DUP005	885050-010	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.449	0	---	---		---	---	---		---		---	---	---	884834-001	106.3	200.0	291.8	92.8		200.0	323.4	108.6		10.3		75	125	24
Mercury - Low Level	0.449	0	---	---		---	---	---		---		---	---	---	884834-002	1.5	5.0	7.4	118.9		5.0	7.1	112.5		4.4		75	125	24
Mercury - Low Level	0.449	0	---	---		---	---	---		---		---	---	---	885050-009	0.58	2.5	2.9	93.6		2.5	3.3	107.3		11.1		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22207

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920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: VOA
QC Batch Number: 22028
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2235-07MB	vog2235-07MB
LCS	vog2235-07LCS	vog2235-07LCS
LCSD	vog2235-07LCSD	vog2235-07LCSD
MS	HW-6AMS	885050-009MS
MSD	HW-6AMSD	885050-009MSD

Client Sample ID	Lab Sample ID	MB ID
HYG-1	885050-001	MB
HW-1A	885050-003	MB
HW-4	885050-005	MB
HW-5A	885050-007	MB
HW-6A	885050-009	MB
FBK005	885050-011	MB

Client Sample ID	Lab Sample ID	MB ID
HW-1	885050-002	MB
HW-2	885050-004	MB
HW-5	885050-006	MB
HW-6	885050-008	MB
DUP005	885050-010	MB
TRIP BLANK	885050-012	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Naphthalene	<	0.74	0	---	---		---	---	---		---			---	---	---	---		---	---	---	---		---	---	---		---			---	---	---
1,1,1-Trichloroethane	<	0.9	50.0	52	104		50.0	52.9	106		1.8			75	128	20	885050-009	<	0.9	50.0	53.6	107		50.0	53	106		1.1			70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	45	90		50.0	47.4	95		5.1			67	125	20	885050-009	<	0.2	50.0	45.9	92		50.0	45.8	92		0.2			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	47.1	94		50.0	48.6	97		3.0			75	125	20	885050-009	<	0.42	50.0	48.3	97		50.0	48.8	98		1.1			70	130	30
1,1-Dichloroethane	<	0.75	50.0	53.2	106		50.0	54.2	108		1.9			71	130	20	885050-009	<	0.75	50.0	53.9	108		50.0	53.5	107		0.8			70	130	30
1,1-Dichloroethene	<	0.57	50.0	50.7	101		50.0	49.6	99		2.2			75	125	20	885050-009	<	0.57	50.0	49.4	99		50.0	49	98		0.9			70	135	30
1,2-Dichloroethane	<	0.36	50.0	52	104		50.0	52.2	104		0.5			71	132	20	885050-009	<	0.36	50.0	51.8	104		50.0	51.7	103		0.1			70	130	30
1,2-Dichloroethene, Total	<	1.4	100.0	110	110		100.0	110.5	110		0.4			75	125	20	885050-009	<	1.4	100.0	110.2	110		100.0	108.3	108		1.7			70	130	30
1,2-Dichloropropane	<	0.46	50.0	53.2	106		50.0	55	110		3.3			73	125	20	885050-009	<	0.46	50.0	54	108		50.0	52.7	105		2.5			70	130	30
2-Butanone	<	4.3	50.0	51.1	102		50.0	54.7	109		6.8			59	130	20	885050-009	<	4.3	50.0	53.2	106		50.0	51.9	104		2.5			51	130	30
2-Hexanone	<	1.1	50.0	41.6	83		50.0	47.6	95		13.4			51	125	20	885050-009	<	1.1	50.0	43.7	87		50.0	44.5	89		1.9			53	130	30
4-Methyl-2-pentanone	<	1.2	50.0	47.6	95		50.0	52.8	106		10.3			59	125	20	885050-009	<	1.2	50.0	48.8	98		50.0	49.3	99		1.0			62	130	30
Acetone	<	2.3	50.0	47.2	94		50.0	52.5	105		10.8			31	150	20	885050-009	<	2.3	50.0	48.9	98		50.0	51.1	102		4.2			42	132	30
Benzene	<	0.41	50.0	55.9	112		50.0	55.9	112		0.1			75	125	20	885050-009	<	0.41	50.0	55.8	112		50.0	55.9	112		0.2			70	130	30
Bromodichloromethane	<	0.56	50.0	51.7	103		50.0	53.2	106		2.8			75	125	20	885050-009	<	0.56	50.0	53.4	107		50.0	52.5	105		1.8			70	130	30
Bromoform	<	0.94	50.0	40.4	81		50.0	43	86		6.4			75	125	20	885050-009	<	0.94	50.0	42.5	85		50.0	43.6	87		2.5			70	130	30
Bromomethane	<	0.91	50.0	36.1	72		50.0	39.5	79		9.1			66	125	20	885050-009	<	0.91	50.0	41.3	83		50.0	40.6	81		1.6			63	147	30
Carbon Disulfide	<	0.66	50.0	48.9	98		50.0	48.6	97		0.7			71	128	20	885050-009	<	0.66	50.0	48.5	97		50.0	48.1	96		0.7			56	142	30
Carbon Tetrachloride	<	0.49	50.0	52.1	104		50.0	53.5	107		2.8			75	125	20	885050-009	<	0.49	50.0	54.2	108		50.0	53.5	107		1.4			70	131	30
Chlorobenzene	<	0.41	50.0	50.5	101		50.0	52	104		2.9			75	125	20	885050-009	<	0.41	50.0	51.7	103		50.0	50.5	101		2.4			70	130	30

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22028

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result		MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	C	MS/MSD Control Limits LCL %	UCL %	RPD %
		Conc									%							Conc									%					
Chlorodibromomethane	<	0.81	50.0	44.2	88		50.0	46.2	92		4.5		75	125	20	885050-009	<	0.81	50.0	45.5	91		50.0	46	92		1.2		70	130	30
Chloroethane	<	0.97	50.0	44.9	90		50.0	44.9	90		0.1		72	126	20	885050-009	<	0.97	50.0	46	92		50.0	45.2	90		1.8		67	138	30
Chloroform	<	0.37	50.0	54.8	110		50.0	55.4	111		1.1		75	125	20	885050-009		1.65	50.0	56.8	110		50.0	56	109		1.4		70	130	30
Chloromethane	<	0.24	50.0	38.2	76		50.0	39	78		2.0		46	143	20	885050-009	<	0.24	50.0	38.8	78		50.0	38.8	78		0.0		43	150	30
cis-1,3-Dichloropropene	<	0.19	50.0	50.6	101		50.0	50.2	100		0.9		75	125	20	885050-009	<	0.19	50.0	50.4	101		50.0	49.8	100		1.2		70	130	30
Ethylbenzene	<	0.54	50.0	50.6	101		50.0	51.5	103		1.7		75	125	20	885050-009	<	0.54	50.0	50.9	102		50.0	50.3	101		1.3		70	136	30
Methylene Chloride	<	0.43	50.0	48.6	97		50.0	49	98		0.9		75	125	20	885050-009	<	0.43	50.0	50.7	101		50.0	47.7	95		6.0		70	130	30
Styrene	<	0.86	50.0	52	104		50.0	53.1	106		2.0		75	125	20	885050-009	<	0.86	50.0	52.3	105		50.0	51.9	104		0.8		70	130	30
Tetrachloroethene	<	0.45	50.0	50	100		50.0	51.6	103		3.2		75	130	20	885050-009	<	0.45	50.0	51.2	102		50.0	50.6	101		1.4		70	130	30
Toluene	<	0.67	50.0	49.1	98		50.0	50.3	101		2.3		75	125	20	885050-009		1.04	50.0	51.2	100		50.0	50.5	99		1.3		70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	43.8	88		50.0	45.6	91		4.0		75	125	20	885050-009	<	0.19	50.0	45.6	91		50.0	44.6	89		2.2		70	130	30
Trichloroethene	<	0.48	50.0	56	112		50.0	55	110		1.7		75	125	20	885050-009	<	0.48	50.0	55.8	112		50.0	54	108		3.3		70	130	30
Vinyl Chloride	<	0.18	50.0	41.8	84		50.0	43.3	87		3.5		65	130	20	885050-009	<	0.18	50.0	42	84		50.0	41.7	83		0.9		62	138	30
Xylene, Total	<	2.6	150.0	152.6	102		150.0	154.9	103		1.5		75	125	20	885050-009	<	2.6	150.0	154.4	103		150.0	152.5	102		1.2		70	130	30
4-Bromofluorobenzene		93%	---	---	94		---	---	95		---		64	132	---	885050-009		93%	---	---	94		---	---	96		---		64	132	---
Toluene-d8		95%	---	---	95		---	---	96		---		73	127	---	885050-009		95%	---	---	96		---	---	97		---		73	127	---
Dibromofluoromethane		101%	---	---	101		---	---	102		---		68	122	---	885050-009		102%	---	---	101		---	---	100		---		68	122	---

Conc = ug/L unless otherwise noted
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Report Date: 9/4/2007
QC Batch Number: 22028

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22035
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-089MB	WCG2220-089MB
LCS	WCG2220-089MBLCS	WCG2220-089MBLCS
MS	HW-6AMS	885050-009MS
MS	HW-1AMS	885050-003MS
MSD	HW-6AMSD	885050-009MSD
MSD	HW-1AMSD	885050-003MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
HYG-1	885050-001	MB	HW-1	885050-002	MB
HW-1A	885050-003	MB	HW-2	885050-004	MB
HW-4	885050-005	MB	HW-5	885050-006	MB
HW-5A	885050-007	MB	HW-6	885050-008	MB
HW-6A	885050-009	MB	DUP005	885050-010	MB
FBK005	885050-011	MB			

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.006	0.10	0.1	102.9		---	---	---		---			90	110	20	885050-003	<	0.006	0.10	0.1	103.8		0.10	0.1	100.2		3.5			90	110	20
Cyanide, Total	<	0.006	0.10	0.1	102.9		---	---	---		---			90	110	20	885050-009	<	0.006	0.10	0.11	106.6		0.10	0.1	103.4		3.1			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22035

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22045
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2232-015MB	WCG2232-015MB
LCS	WCG2232-015MBLCS	WCG2232-015MBLCS
MS	HW-6AMS	885050-009MS
MS	885042-002MS	885042-002MS
MSD	HW-6AMSD	885050-009MSD
MSD	885042-002MSD	885042-002MSD

Client Sample ID	Lab Sample ID	MB ID
HYG-1	885050-001	MB
HW-1A	885050-003	MB
HW-4	885050-005	MB
HW-5A	885050-007	MB
HW-6A	885050-009	MB
FBK005	885050-011	MB

Client Sample ID	Lab Sample ID	MB ID
HW-1	885050-002	MB
HW-2	885050-004	MB
HW-5	885050-006	MB
HW-6	885050-008	MB
DUP005	885050-010	MB

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22045

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22057
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-042MB	WCG2189-042MB
LCS	WCG2189-042MBLCS	WCG2189-042MBLCS
MS	HYG-1MS	885050-001MS
MSD	HYG-1MSD	885050-001MSD

Client Sample ID	Lab Sample ID	MB ID
HYG-1	885050-001	MB
HW-1A	885050-003	MB
HW-4	885050-005	MB
HW-5A	885050-007	MB
HW-6A	885050-009	MB
FBK005	885050-011	MB
HW-1	885050-002	MB
HW-2	885050-004	MB
HW-5	885050-006	MB
HW-6	885050-008	MB
DUP005	885050-010	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	<	3.2	77.40	74.9	96.8		---	---	---		---			80	120	20	885050-001		109.1	100.0	207.6	98.4		100.0	207.6	98.4		0.0			80	120	20
Carbonate Alkalinity	<	3.2	0	---	---		---	---	---		---			---	---	---	885050-001	<	3.2	---	---	---		---	---	---		---			---	---	---
Total Alkalinity	<	3.2	77.40	74.9	96.8		---	---	---		---			80	120	20	885050-001		109.1	100.0	207.6	98.4		100.0	207.6	98.4		0.0			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22057

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22101
Prep Method: SM 4500-S2 F
Analytical Method: SM 4500-S2 F

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-044MB	WCG2189-044MB
LCS	WCG2189-044MBLCS	WCG2189-044MBLCS
MS	885085-001MS	885085-001MS
MSD	885085-001MSD	885085-001MSD

Client Sample ID	Lab Sample ID	MB ID
HYG-1	885050-001	MB
HW-1A	885050-003	MB
HW-4	885050-005	MB
HW-5A	885050-007	MB
HW-6A	885050-009	MB
FBK005	885050-011	MB

Client Sample ID	Lab Sample ID	MB ID
HW-1	885050-002	MB
HW-2	885050-004	MB
HW-5	885050-006	MB
HW-6	885050-008	MB
DUP005	885050-010	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Sulfide	< 2.3	36.4	40	109.9		---	---	---		---		80	120	20	885085-001	< 2.3	36.4	37.2	102.2		36.4	40.8	112.1		9.2		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22101

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22129
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-095MB	WCG2220-095MB
LCS	WCG2220-095MBLCS	WCG2220-095MBLCS
MS	HW-6MS	885050-008MS
MS	884999-013MS	884999-013MS
MSD	HW-6MSD	885050-008MSD
MSD	884999-013MSD	884999-013MSD

Client Sample ID	Lab Sample ID	MB ID
HYG-1	885050-001	MB
HW-1A	885050-003	MB
HW-4	885050-005	MB
HW-5A	885050-007	MB

Client Sample ID	Lab Sample ID	MB ID
HW-1	885050-002	MB
HW-2	885050-004	MB
HW-5	885050-006	MB
HW-6	885050-008	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Nitrogen, Ammonia	<	0.5	10.0	10	99.7		---	---	---		---		90	110	20	884999-013	<	0.5	10.0	10.4	103.9		10.0	10.2	101.5		2.3		90	110	20
Nitrogen, Ammonia	<	0.5	10.0	10	99.7		---	---	---		---		90	110	20	885050-008	<	0.5	10.0	10.7	107.3		10.0	10.1	101.3		5.7		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22129

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22143
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-096MB	WCG2220-096MB
LCS	WCG2220-096MBLCS	WCG2220-096MBLCS
MS	885100-010MS	885100-010MS
MS	HW-6AMS	885050-009MS
MSD	885100-010MSD	885100-010MSD
MSD	HW-6AMSD	885050-009MSD

Client Sample ID	Lab Sample ID	MB ID
HW-6A	885050-009	MB
FBK005	885050-011	MB

Client Sample ID	Lab Sample ID	MB ID
DUP005	885050-010	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.5	10	10.1	101.0		---	---	---		---			90	110	20	885050-009	<	0.5	10	9.7	97.4		10	9.7	97.3		0.1			90	110	20
Nitrogen, Ammonia	<	0.5	10.0	10.1	101.0		---	---	---		---			90	110	20	885100-010		2.86	10.0	12.7	98.4		10.0	12.4	95.4		2.4			90	110	20

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C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22143

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 21936
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2207-013	MBWMTG2207-013
IPR	IPRWMTG2207-013	IPRWMTG2207-013
OPR	OPRWMTG2207-013	OPRWMTG2207-013
MS	884659-001MS	884659-001MS
MS	884593-001MS	884593-001MS
MSD	884659-001MSD	884659-001MSD
MSD	884593-001MSD	884593-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-004	884812-001	MB
MW-101	884812-003	MB
PW-2	884812-008	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-004	884812-002	MB
MW-11	884812-004	MB
MW-601	884812-010	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level	0.224	0	---	---		---	---	---		---			---	---	---	884593-001	9.73	50.0	69.9	120.4		50.0	61.8	104.2		12.3			75	125	24
Mercury - Low Level	0.224	0	---	---		---	---	---		---			---	---	---	884659-001	137.6	200.0	318.7	90.5		200.0	344.6	103.5		7.8			75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 21936

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 21960
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2202-41	MBWMTG2202-41
LCS	LCSWMTG2202-41	LCSWMTG2202-41
MS	MW-101MS	884812-003MS
MSD	MW-101MSD	884812-003MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-004	884812-001	MB
MW-101	884812-003	MB
MW-102	884812-005	MB
PW-2	884812-008	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-004	884812-002	MB
MW-11	884812-004	MB
MW-601	884812-006	MB
KMW-2	884812-009	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	<	4.4	10000.0	9999	100		---	---	---		---			75	125	20	884812-003		195.300	10000.0	9981	97.9		10000.0	10560	103.6		5.6			75	125	20
Antimony	<	0.1	200.0	205.3	102.7		---	---	---		---			75	125	20	884812-003	<	0.1	200.0	206.2	103.1		200.0	207.8	103.9		0.8			75	125	20
Arsenic	<	0.093	200.0	200.3	100.2		---	---	---		---			75	125	20	884812-003		23.25	200.0	224.8	100.8		200.0	227.1	101.9		1.0			75	125	20
Barium	<	0.072	200.0	197.7	98.8		---	---	---		---			75	125	20	884812-003		78.73	200.0	278.2	99.7		200.0	280	100.6		0.6			75	125	20
Beryllium	<	0.07	200.0	194.8	97.4		---	---	---		---			75	125	20	884812-003		7.000E-2	200.0	185.7	92.8		200.0	192.3	96.1		3.5			75	125	20
Boron	<	1.1	200.0	192.3	96.2		---	---	---		---			75	125	20	884812-003		96.74	200.0	283	93.1		200.0	286.8	95.0		1.3			75	125	20
Cadmium	<	0.097	200.0	197.7	98.8		---	---	---		---			75	125	20	884812-003	<	0.097	200.0	197.1	98.6		200.0	198.1	99.1		0.5			75	125	20
Calcium	<	10	10000.0	10180	101.8		---	---	---		---			75	125	20	884812-003		34440.0	10000.0	44250	98.1		10000.0	44400	99.6		0.3			75	125	20
Chromium	<	0.43	200.0	201.6	100.8		---	---	---		---			75	125	20	884812-003		1.530	200.0	197.8	98.1		200.0	198.9	98.7		0.6			75	125	20
Cobalt	<	0.059	200.0	199.6	99.8		---	---	---		---			75	125	20	884812-003		0.3400	200.0	192.2	95.9		200.0	190.5	95.1		0.9			75	125	20
Copper	<	0.12	200.0	201.2	100.6		---	---	---		---			75	125	20	884812-003		0.7200	200.0	189	94.1		200.0	189.1	94.2		0.1			75	125	20
Iron	<	2.9	10000.0	10300	103.0		---	---	---		---			75	125	20	884812-003		38920.0	10000.0	48130	92.1		10000.0	48890	99.7		1.6			75	125	20
Lead	<	0.044	200.0	200.1	100.1		---	---	---		---			75	125	20	884812-003		0.1500	200.0	204.3	102.1		200.0	206.3	103.1		1.0			75	125	20
Magnesium	<	53	10000.0	10140	101.4		---	---	---		---			75	125	20	884812-003		9274.00	10000.0	19250	99.8		10000.0	19640	103.7		2.0			75	125	20
Manganese	<	0.08	200.00	202.5	101.2		---	---	---		---			75	125	20	884812-003		6501.0	200.00	6435	-33.0	+	200.00	6540	19.5	+	1.6			75	125	20
Molybdenum	<	0.12	200.0	196.7	98.3		---	---	---		---			75	125	20	884812-003		1.020	200.0	193.1	96.0		200.0	194.8	96.9		0.9			75	125	20
Nickel	<	0.075	200.0	200.8	100.4		---	---	---		---			75	125	20	884812-003		0.6800	200.0	190.9	95.1		200.0	187.8	93.6		1.6			75	125	20
Potassium	<	6.2	10000.0	10340	103.4		---	---	---		---			75	125	20	884812-003		3850.00	10000.0	14050	102.0		10000.0	14660	108.1		4.2			75	125	20
Selenium	<	0.15	200.0	196.6	98.3		---	---	---		---			75	125	20	884812-003		0.2100	200.0	193.5	96.6		200.0	196.2	98.0		1.4			75	125	20
Silver	<	0.11	100	97.4	97.4		---	---	---		---			75	125	20	884812-003	<	0.11	100	97.8	97.8		100	98.9	98.9		1.2			75	125	20
Sodium	<	46	10000.0	9870	98.7		---	---	---		---			75	125	20	884812-003		8842.00	10000.0	18650	98.1		10000.0	19030	101.9		2.0			75	125	20
Thallium	<	0.03	200.0	194.1	97.1		---	---	---		---			75	125	20	884812-003	<	0.03	200.0	200.1	100.1		200.0	201.2	100.6		0.5			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21960

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Vanadium	<	0.41	200.0	200.9	100.4		---	---	---		---		75	125	20	884812-003		3.260	200.0	201.3	99.0		200.0	202.5	99.6		0.6		75	125	20
Zinc	<	2.1	200.0	185.6	92.8		---	---	---		---		75	125	20	884812-003	<	2.1	200.0	182.1	91.1		200.0	183.3	91.7		0.7		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 21960

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21831
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2232-001MB	WCG2232-001MB
LCS	WCG2232-001MBLCS	WCG2232-001MBLCS
MS	PW-2MS	884812-008MS
MSD	PW-2MSD	884812-008MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-004	884812-001	MB
MW-101	884812-003	MB
PW-2	884812-008	MB
DUP-004	884812-002	MB
MW-11	884812-004	MB
KMW-2	884812-009	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	1.1	20.0	20.3	101.4		---	---	---		---			90	110	20	884812-008		4.39	20.0	22.9	92.6		20.0	22.4	90.2		2.1			90	110	20
Fluoride	<	0.059	2.0	2.1	104.0		---	---	---		---			90	110	20	884812-008		0.31	2.0	2.2	95.5		2.0	2.2	93.0		2.3			90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.7	103.8		---	---	---		---			90	110	20	884812-008		0.73	1.6	2.3	95.6		1.6	2.2	93.8		1.3			90	110	20
Nitrogen, Nitrite	<	0.035	0.80	0.88	110.0		---	---	---		---			90	110	20	884812-008	<	0.035	0.80	0.82	102.5		0.80	0.8	100.0		2.5			90	110	20
Sulfate	<	0.51	16.00	16.6	103.4		---	---	---		---			90	110	20	884812-008		173.0	160.0	337.5	102.8		160.0	338.2	103.2		0.2			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 21831

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21841
Prep Method: SM 4500-S2 F
Analytical Method: SM 4500-S2 F

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-040MB	WCG2189-040MB
LCS	WCG2189-040MBLCS	WCG2189-040MBLCS
LCSD	WCG2189-040MBLCSD	WCG2189-040MBLCSD

Client Sample ID	Lab Sample ID	MB ID
DUP-004	884812-002	MB
MW-11	884812-004	MB

Client Sample ID	Lab Sample ID	MB ID
MW-101	884812-003	MB
PW-2	884812-008	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Sulfide	< 2.3	41.2	40.8	99.0		41.2	39.2	95.1		4.0		80	120	20	---		---	---	---		---	---	---		---		---	---	---

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 21841

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21866
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-039MB	WCG2189-039MB
LCS	WCG2189-039MBLCS	WCG2189-039MBLCS
MS	884756-001MS	884756-001MS
MSD	884756-001MSD	884756-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK-004	884812-001	MB	DUP-004	884812-002	MB
MW-101	884812-003	MB	MW-11	884812-004	MB
PW-2	884812-008	MB	KMW-2	884812-009	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	<	3.2	77.40	74.9	96.8		---	---	---		---			80	120	20	884756-001		111.3	100.0	184	72.8	N	100.0	188.3	77.0	N	2.3			80	120	20
Carbonate Alkalinity	<	3.2	0	---	---		---	---	---		---			---	---	---	884756-001	<	3.2	---	---	---		---	---	---		---			---	---	---
Total Alkalinity	<	3.2	77.40	74.9	96.8		---	---	---		---			80	120	20	884756-001		111.3	100.0	184	72.8	N	100.0	188.3	77.0	N	2.3			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21866

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21931
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-077MB	WCG2220-077MB
LCS	WCG2220-077MBLCS	WCG2220-077MBLCS
MS	884840-001MS	884840-001MS
MS	884756-003MS	884756-003MS
MSD	884840-001MSD	884840-001MSD
MSD	884756-003MSD	884756-003MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK-004	884812-001	MB	DUP-004	884812-002	MB
MW-101	884812-003	MB	MW-11	884812-004	MB
PW-2	884812-008	MB	KMW-2	884812-009	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.5	10.0	10.2	101.7		---	---	---		---			90	110	20	884756-003	<	0.5	10.0	10.8	108.0		10.0	10.4	104.4		3.5			90	110	20
Nitrogen, Ammonia	<	0.5	10.0	10.2	101.7		---	---	---		---			90	110	20	884840-001		1.81	10.0	12.7	108.7		10.0	12.5	107.2		1.1			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21931

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 21950
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-079MB	WCG2220-079MB
LCS	WCG2220-079MBLCS	WCG2220-079MBLCS
MS	KMW-2MS	884812-009MS
MS	884756-001MS	884756-001MS
MSD	KMW-2MSD	884812-009MSD
MSD	884756-001MSD	884756-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-004	884812-001	MB
MW-101	884812-003	MB
PW-2	884812-008	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-004	884812-002	MB
MW-11	884812-004	MB
KMW-2	884812-009	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.006	0.10	0.092	91.7		---	---	---		---			90	110	20	884756-001	<	0.006	0.10	0.11	110.1		0.10	0.11	108.3		1.7			90	110	20
Cyanide, Total	<	0.006	0.10	0.092	91.7		---	---	---		---			90	110	20	884812-009	<	0.006	0.10	0.11	114.3	N	0.10	0.12	120.8	N	5.5			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 21950

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: BNASIM
QC Batch Number: 22158
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog2114-76MB	svog2114-76MB
LCS	svog2114-76LCS	svog2114-76LCS
MS	MW-5MS	885100-003MS
MSD	MW-5MSD	885100-003MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-006	885100-001	MB
DUP-006	885100-004	MB
MW-104	885100-009	MB

Client Sample ID	Lab Sample ID	MB ID
MW-5	885100-003	MB
PW-1	885100-006	MB
PW-4	885100-010	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.12	59		---	---	---		---			40	126	23	---		---	---	---	---		---	---	---		---			---	---	---
Acenaphthylene	<	0.0086	0.20	0.11	53		---	---	---		---			39	127	24	---		---	---	---	---		---	---	---		---			---	---	---
Anthracene	<	0.012	0.20	0.11	56		---	---	---		---			39	139	27	---		---	---	---	---		---	---	---		---			---	---	---
Benzo(a)anthracene	<	0.017	0.20	0.11	57		---	---	---		---			46	146	20	---		---	---	---	---		---	---	---		---			---	---	---
Benzo(a)pyrene	<	0.019	0.20	0.15	75		---	---	---		---			61	136	20	---		---	---	---	---		---	---	---		---			---	---	---
Benzo(b)fluoranthene	<	0.017	0.20	0.12	58		---	---	---		---			51	141	20	---		---	---	---	---		---	---	---		---			---	---	---
Benzo(ghi)perylene	<	0.02	0.20	0.17	83		---	---	---		---			57	136	20	---		---	---	---	---		---	---	---		---			---	---	---
Benzo(k)fluoranthene	<	0.02	0.20	0.18	91		---	---	---		---			61	149	20	---		---	---	---	---		---	---	---		---			---	---	---
Chrysene	<	0.02	0.20	0.14	70		---	---	---		---			61	150	20	---		---	---	---	---		---	---	---		---			---	---	---
Dibenz(a,h)anthracene	<	0.02	0.20	0.16	81		---	---	---		---			46	150	20	---		---	---	---	---		---	---	---		---			---	---	---
Fluoranthene	<	0.016	0.20	0.12	58		---	---	---		---			48	145	20	---		---	---	---	---		---	---	---		---			---	---	---
Fluorene	<	0.0096	0.20	0.12	59		---	---	---		---			40	131	25	---		---	---	---	---		---	---	---		---			---	---	---
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.17	83		---	---	---		---			54	143	20	---		---	---	---	---		---	---	---		---			---	---	---
Naphthalene	<	0.013	0.20	0.12	58		---	---	---		---			45	131	30	---		---	---	---	---		---	---	---		---			---	---	---
Phenanthrene	<	0.012	0.20	0.11	53		---	---	---		---			40	131	25	---		---	---	---	---		---	---	---		---			---	---	---
Pyrene	<	0.015	0.20	0.12	60		---	---	---		---			55	135	20	---		---	---	---	---		---	---	---		---			---	---	---
Nitrobenzene-d5		51%	---	---	56		---	---	---		---			10	150	---	---		---	---	---	---		---	---	---		---			---	---	---
2-Fluorobiphenyl		44%	---	---	45		---	---	---		---			20	111	---	---		---	---	---	---		---	---	---		---			---	---	---
Terphenyl-d14		59%	---	---	63		---	---	---		---			44	115	---	---		---	---	---	---		---	---	---		---			---	---	---
Acenaphthene		---	0	---	---		---	---	---		---			---	---	---	885100-003	<	0.16	200	0.21	0	D	0.19	0.25	0	D	18.1			56	113	24
Acenaphthylene		---	0	---	---		---	---	---		---			---	---	---	885100-003	<	0.16	200	0.16	0	D	0.19	0.19	0	D	17.4			56	115	24
Anthracene		---	0	---	---		---	---	---		---			---	---	---	885100-003	<	0.23	200	0	0	D	0.19	0	0	D	0.0			55	126	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22158

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzo(a)anthracene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.31	200	0	0	D	0.19	0	0	D	0.0		45	150	20
Benzo(a)pyrene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.37	200	0	0	D	0.19	0	0	D	0.0		72	129	20
Benzo(b)fluoranthene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.31	200	0	0	D	0.19	0	0	D	0.0		72	134	20
Benzo(ghi)perylene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.39	200	0	0	D	0.19	0	0	D	0.0		72	128	20
Benzo(k)fluoranthene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.39	200	0	0	D	0.19	0	0	D	0.0		75	129	20
Chrysene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.38	200	0	0	D	0.19	0	0	D	0.0		71	136	20
Dibenz(a,h)anthracene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.38	200	0	0	D	0.19	0	0	D	0.0		43	150	20
Fluoranthene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.31	200	0	0	D	0.19	0	0	D	0.0		58	137	20
Fluorene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.18	200	0.27	0	D	0.19	0.31	0	D	12.3		56	121	21
Indeno(1,2,3-cd)pyrene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.38	200	0	0	D	0.19	0	0	D	0.0		71	140	20
Naphthalene	---	0	---	---		---	---	---		---		---	---	---	885100-003		8.3	200	6.4	0	D	0.19	9.3	0	D	36.0	*	53	107	31
Phenanthrene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.23	200	0.24	0	D	0.19	0.28	0	D	16.4		58	138	20
Pyrene	---	0	---	---		---	---	---		---		---	---	---	885100-003	<	0.29	200	0	0	D	0.19	0	0	D	0.0		71	136	20
Nitrobenzene-d5	---	---	---	---		---	---	---		---		---	---	---	885100-003		0%	---	---	0	D	---	---	0	D	---		10	150	---
2-Fluorobiphenyl	---	---	---	---		---	---	---		---		---	---	---	885100-003		0%	---	---	0	D	---	---	0	D	---		20	111	---
Terphenyl-d14	---	---	---	---		---	---	---		---		---	---	---	885100-003		0%	---	---	0	D	---	---	0	D	---		44	115	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22158

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: GAS
QC Batch Number: 22087
Prep Method: SW846 5030B
Analytical Method: SW846 8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG2214-70MB	GG2214-70MB
LCS	GG2214-70MBLCS	GG2214-70MBLCS
LCSD	GG2214-70MBLCSD	GG2214-70MBLCSD

Client Sample ID	Lab Sample ID	MB ID
FBK-006	885100-001	MB
DUP-006	885100-004	MB
TRIP BLANK 3	885100-008	MB

Client Sample ID	Lab Sample ID	MB ID
MW-5	885100-003	MB
KMW-1	885100-005	MB
MW-104	885100-009	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Benzene	<	0.14	20.0	20.9	104		20.0	20.8	104		0.4			85	115	20	---	---	---	---	---		---	---	---		---			---	---	---
Ethylbenzene	<	0.4	20.0	21.3	107		20.0	21.1	106		1.0			85	115	20	---	---	---	---	---		---	---	---		---			---	---	---
Naphthalene	<	0.47	20.0	21.4	107		20.0	21.3	107		0.2			75	120	20	---	---	---	---	---		---	---	---		---			---	---	---
Toluene	<	0.36	20.0	21.1	105		20.0	20.9	104		0.9			85	115	20	---	---	---	---	---		---	---	---		---			---	---	---
Xylene, m + p	<	0.74	40.0	43.4	108		40.0	42.9	107		1.2			85	115	20	---	---	---	---	---		---	---	---		---			---	---	---
Xylene, o	<	0.36	20.0	21.3	107		20.0	21.2	106		0.7			85	115	20	---	---	---	---	---		---	---	---		---			---	---	---
a,a,a-Trifluorotoluene		102%	---	---	99		---	---	100		---			80	124	---	---	---	---	---	---		---	---	---		---			---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22087

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 22119
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2202-47	MBWMTG2202-47
LCS	LCSWMTG2202-47	LCSWMTG2202-47
MS	HW-3MS	885100-002MS
MSD	HW-3MSD	885100-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK-006	885100-001	MB	HW-3	885100-002	MB
MW-5	885100-003	MB	DUP-006	885100-004	MB
KMW-1	885100-005	MB	PW-1	885100-006	MB
MW-104	885100-009	MB	PW-4	885100-010	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	<	4.4	10000.0	10080	100.8		---	---	---		---			75	125	20	885100-002		149.600	10000.0	10030	98.8		10000.0	10060	99.1		0.3			75	125	20
Antimony	<	0.1	200.0	203.3	101.7		---	---	---		---			75	125	20	885100-002		0.1300	200.0	207.3	103.6		200.0	203.3	101.6		1.9			75	125	20
Arsenic	<	0.093	200.0	198.8	99.4		---	---	---		---			75	125	20	885100-002		0.5900	200.0	202.8	101.1		200.0	198.7	99.1		2.0			75	125	20
Barium	<	0.072	200.0	196.5	98.2		---	---	---		---			75	125	20	885100-002		9.030	200.0	210.3	100.6		200.0	206.4	98.7		1.9			75	125	20
Beryllium	<	0.07	200.0	195.1	97.6		---	---	---		---			75	125	20	885100-002		0.1400	200.0	192.7	96.3		200.0	191	95.4		0.9			75	125	20
Boron	<	1.1	200.0	196.2	98.1		---	---	---		---			75	125	20	885100-002		9.280	200.0	201	95.9		200.0	202.1	96.4		0.5			75	125	20
Cadmium	<	0.097	200.0	195.5	97.8		---	---	---		---			75	125	20	885100-002	<	0.097	200.0	197.4	98.7		200.0	193.4	96.7		2.0			75	125	20
Calcium	<	10	10000.0	9540	95.4		---	---	---		---			75	125	20	885100-002		4227.00	10000.0	13720	94.9		10000.0	13680	94.5		0.3			75	125	20
Chromium	<	0.43	200.0	198.9	99.4		---	---	---		---			75	125	20	885100-002	<	0.43	200.0	196.8	98.4		200.0	194.4	97.2		1.2			75	125	20
Cobalt	<	0.059	200.0	194.8	97.4		---	---	---		---			75	125	20	885100-002		4.890	200.0	194.1	94.6		200.0	194.9	95.0		0.4			75	125	20
Copper	<	0.12	200.0	197.3	98.7		---	---	---		---			75	125	20	885100-002		19.79	200.0	212.2	96.2		200.0	212.4	96.3		0.1			75	125	20
Iron	J	4.2	10000.0	10110	101.1		---	---	---		---			75	125	20	885100-002		7208.00	10000.0	16500	92.9		10000.0	16850	96.4		2.1			75	125	20
Lead	<	0.044	200.0	197.9	98.9		---	---	---		---			75	125	20	885100-002		0.2400	200.0	202.9	101.3		200.0	199.2	99.5		1.8			75	125	20
Magnesium	<	53	10000.0	10180	101.8		---	---	---		---			75	125	20	885100-002		2053.00	10000.0	11980	99.3		10000.0	12100	100.5		1.0			75	125	20
Manganese	<	0.08	200.0	199.1	99.6		---	---	---		---			75	125	20	885100-002		60.85	200.0	255	97.1		200.0	252.3	95.7		1.1			75	125	20
Molybdenum	<	0.12	200.0	197.1	98.6		---	---	---		---			75	125	20	885100-002	<	0.12	200.0	175.1	87.6		200.0	188.4	94.2		7.3			75	125	20
Nickel	<	0.075	200.0	198.2	99.1		---	---	---		---			75	125	20	885100-002		19.62	200.0	210.4	95.4		200.0	211.6	96.0		0.6			75	125	20
Potassium	<	6.2	10000.0	10250	102.5		---	---	---		---			75	125	20	885100-002		1320.00	10000.0	11500	101.8		10000.0	11430	101.1		0.6			75	125	20
Selenium	J	0.44	200.0	199.1	99.6		---	---	---		---			75	125	20	885100-002		0.5700	200.0	191	95.2		200.0	189.8	94.6		0.6			75	125	20
Silver	<	0.11	100	97.6	97.6		---	---	---		---			75	125	20	885100-002	<	0.11	100	96	96.0		100	96.8	96.8		0.8			75	125	20
Sodium	<	46	10000.0	10120	101.2		---	---	---		---			75	125	20	885100-002		13460.0	10000.0	22630	91.7		10000.0	23290	98.3		2.9			75	125	20
Thallium	<	0.03	200.0	192.5	96.2		---	---	---		---			75	125	20	885100-002	<	0.03	200.0	196.5	98.2		200.0	193.2	96.6		1.7			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22119

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Vanadium	<	0.41	200.0	199.4	99.7		---	---	---		---			75	125	20	885100-002	0.6700	200.0	197.3	98.3		200.0	196.2	97.8		0.6			75	125	20
Zinc	<	2.1	200.0	165.7	82.8		---	---	---		---			75	125	20	885100-002	12.09	200.0	180.7	84.3		200.0	175.7	81.8		2.8			75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22119

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 22315
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2207-018	MBWMTG2207-018
IPR	IPRWMTG2207-018	IPRWMTG2207-018
OPR	OPRWMTG2207-018	OPRWMTG2207-018
MS	885140-003MS	885140-003MS
MS	KMW-1MS	885100-005MS
MS	884902-003MS	884902-003MS
MSD	885140-003MSD	885140-003MSD
MSD	KMW-1MSD	885100-005MSD
MSD	884902-003MSD	884902-003MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-006	885100-001	MB
MW-5	885100-003	MB
KMW-1	885100-005	MB
MW-104	885100-009	MB
HW-3	885100-002	MB
DUP-006	885100-004	MB
PW-1	885100-006	MB
PW-4	885100-010	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Mercury - Low Level	0.4092	0	---	---		---	---	---		---		---	---	---	884902-003	85.71	200.0	330.6	122.5		200.0	329.1	121.7		0.4		75	125	24
Mercury - Low Level	0.4092	0	---	---		---	---	---		---		---	---	---	885100-005	9.56	10.0	21.8	122.2		10.0	20.3	107.5		7.0		75	125	24
Mercury - Low Level	0.4092	0	---	---		---	---	---		---		---	---	---	885140-003	2.46	10.0	13.6	111.8		10.0	13.7	112.3		0.3		75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22315

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: VOA
QC Batch Number: 22083
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2235-10MB	vog2235-10MB
LCS	vog2235-10LCS	vog2235-10LCS
LCSD	vog2235-10LCSD	vog2235-10LCSD
MS	885074-003MS	885074-003MS
MSD	885074-003MSD	885074-003MSD

Client Sample ID	Lab Sample ID	MB ID
HW-3	885100-002	MB

Client Sample ID	Lab Sample ID	MB ID
TRIP BLANK 3	885100-007	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1-Trichloroethane	< 0.9	50.0	53.8	108		50.0	52.6	105		2.4		75	128	20	---	---	---	---	---		---	---	---		---		---	---	---
1,1,2,2-Tetrachloroethane	< 0.2	50.0	51	102		50.0	53.5	107		4.9		67	125	20	---	---	---	---	---		---	---	---		---		---	---	---
1,1,2-Trichloroethane	< 0.42	50.0	50.1	100		50.0	51.9	104		3.6		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
1,1-Dichloroethane	< 0.75	50.0	53.6	107		50.0	53.1	106		0.9		71	130	20	---	---	---	---	---		---	---	---		---		---	---	---
1,1-Dichloroethene	< 0.57	50.0	49.2	98		50.0	49.5	99		0.7		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
1,2-Dichloroethane	< 0.36	50.0	51.7	103		50.0	50.2	100		2.9		71	132	20	---	---	---	---	---		---	---	---		---		---	---	---
1,2-Dichloroethene, Total	< 1.4	100.0	102.9	103		100.0	100	100		2.9		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
1,2-Dichloropropane	< 0.46	50.0	52.7	105		50.0	51.8	104		1.7		73	125	20	---	---	---	---	---		---	---	---		---		---	---	---
2-Butanone	< 4.3	50.0	52.1	104		50.0	52.6	105		0.9		59	130	20	---	---	---	---	---		---	---	---		---		---	---	---
2-Hexanone	< 1.1	50.0	48.9	98		50.0	50.6	101		3.4		51	125	20	---	---	---	---	---		---	---	---		---		---	---	---
4-Methyl-2-pentanone	< 1.2	50.0	51.1	102		50.0	49.1	98		4.0		59	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Acetone	< 2.3	50.0	57.7	115		50.0	54.3	109		6.0		31	150	20	---	---	---	---	---		---	---	---		---		---	---	---
Bromodichloromethane	< 0.56	50.0	50.8	102		50.0	49.2	98		3.1		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Bromoform	< 0.94	50.0	50.7	101		50.0	52.8	106		4.1		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Bromomethane	< 0.91	50.0	37.8	76		50.0	35.7	71		5.8		66	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Carbon Disulfide	< 0.66	50.0	47.5	95		50.0	46.5	93		2.2		71	128	20	---	---	---	---	---		---	---	---		---		---	---	---
Carbon Tetrachloride	< 0.49	50.0	53.7	107		50.0	53.3	107		0.8		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Chlorobenzene	< 0.41	50.0	50	100		50.0	50.9	102		1.8		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Chlorodibromomethane	< 0.81	50.0	47.9	96		50.0	50.2	100		4.9		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Chloroethane	< 0.97	50.0	46.1	92		50.0	45	90		2.6		72	126	20	---	---	---	---	---		---	---	---		---		---	---	---
Chloroform	< 0.37	50.0	52.5	105		50.0	51.9	104		1.3		75	125	20	---	---	---	---	---		---	---	---		---		---	---	---
Chloromethane	< 0.24	50.0	31.8	64		50.0	31.1	62		2.1		46	143	20	---	---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22083

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
cis-1,3-Dichloropropene	<	0.19	50.0	51.2	102		50.0	51.9	104		1.3			75	125	20	---	---		---	---	---		---	---	---		---			---	---	---
Methylene Chloride	<	0.43	50.0	50.1	100		50.0	48.7	97		2.9			75	125	20	---	---		---	---	---		---	---	---		---			---	---	---
Naphthalene	<	0.74	0	---	---		---	---	---		---			---	---	---	---	---		---	---	---		---	---	---		---			---	---	---
Styrene	<	0.86	50.0	55.5	111		50.0	56.7	113		2.2			75	125	20	---	---		---	---	---		---	---	---		---			---	---	---
Tetrachloroethene	<	0.45	50.0	50.5	101		50.0	51.2	102		1.5			75	130	20	---	---		---	---	---		---	---	---		---			---	---	---
trans-1,3-Dichloropropene	<	0.19	50.0	53.7	107		50.0	54.5	109		1.4			75	125	20	---	---		---	---	---		---	---	---		---			---	---	---
Trichloroethene	<	0.48	50.0	51.5	103		50.0	51.5	103		0.1			75	125	20	---	---		---	---	---		---	---	---		---			---	---	---
Vinyl Chloride	<	0.18	50.0	39.4	79		50.0	39.9	80		1.2			65	130	20	---	---		---	---	---		---	---	---		---			---	---	---
Xylene, Total	<	2.6	150.0	159.9	107		150.0	164.4	110		2.7			75	125	20	---	---		---	---	---		---	---	---		---			---	---	---
Benzene	<	0.41	50.0	51.9	104		50.0	51.1	102		1.5			75	125	20	885074-003	<	0.41	50.0	51.7	103		50.0	53.7	107		3.8			70	130	30
Ethylbenzene	<	0.54	50.0	52	104		50.0	53.8	108		3.5			75	125	20	885074-003	<	0.54	50.0	53.3	107		50.0	53.2	106		0.2			70	136	30
Toluene	<	0.67	50.0	50.5	101		50.0	52.5	105		3.8			75	125	20	885074-003	<	0.67	50.0	53.3	107		50.0	52.8	106		0.9			70	130	30
4-Bromofluorobenzene		101%	---	---	108		---	---	116		---			64	132	---	885074-003		103%	---	---	110		---	---	111		---			64	132	---
Toluene-d8		108%	---	---	104		---	---	109		---			73	127	---	885074-003		110%	---	---	108		---	---	107		---			73	127	---
Dibromofluoromethane		104%	---	---	103		---	---	104		---			68	122	---	885074-003		102%	---	---	103		---	---	111		---			68	122	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22083

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22073
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2232-016MB	WCG2232-016MB
LCS	WCG2232-016MBLCS	WCG2232-016MBLCS
MS	HW-3MS	885100-002MS
MS	885074-006MS	885074-006MS
MSD	HW-3MSD	885100-002MSD
MSD	885074-006MSD	885074-006MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
FBK-006	885100-001	MB	HW-3	885100-002	MB
MW-5	885100-003	MB	DUP-006	885100-004	MB
KMW-1	885100-005	MB	PW-1	885100-006	MB
MW-104	885100-009	MB	PW-4	885100-010	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Fluoride	<	0.059	2.0	2	100.0		---	---	---		---			90	110	20	885074-006		0.44	2.0	2.2	85.5	N	2.0	2.2	89.0	N	3.2			90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.6	98.1		---	---	---		---			90	110	20	885074-006	<	0.085	1.6	1.9	120.0	N	1.6	1.9	121.2	N	1.0			90	110	20
Nitrogen, Nitrite	<	0.036	0.80	0.82	102.5		---	---	---		---			90	110	20	885074-006	<	0.036	0.80	0	0.0	N	0.80	0	0.0	N	0.0			90	110	20
Sulfate	<	0.51	16.0	15.1	94.5		---	---	---		---			90	110	20	885074-006		4.24	16.0	18.3	87.8	N	16.0	18.7	90.5		2.4			90	110	20
Chloride	<	1.1	20.0	18.7	93.7		---	---	---		---			90	110	20	885100-002		12.0	20.0	30.5	92.3		20.0	31	94.9		1.7			90	110	20
Fluoride	<	0.059	2.0	2	100.0		---	---	---		---			90	110	20	885100-002		0.21	2.0	2	87.5	N	2.0	2	90.5		3.0			90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.6	98.1		---	---	---		---			90	110	20	885100-002	<	0.085	1.6	1.6	96.9		1.6	1.6	99.4		2.5			90	110	20
Nitrogen, Nitrite	<	0.036	0.80	0.82	102.5		---	---	---		---			90	110	20	885100-002	<	0.036	0.80	0.78	97.5		0.80	0.81	101.2		3.8			90	110	20
Sulfate	<	0.51	16.0	15.1	94.5		---	---	---		---			90	110	20	885100-002		29.5	16.0	45.6	100.4		16.0	45.6	100.7		0.1			90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22073

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22075
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-090MB	WCG2220-090MB
LCS	WCG2220-090MBLCS	WCG2220-090MBLCS
MS	PW-4MS	885100-010MS
MSD	PW-4MSD	885100-010MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-006	885100-001	MB
MW-5	885100-003	MB
KMW-1	885100-005	MB
MW-104	885100-009	MB

Client Sample ID	Lab Sample ID	MB ID
HW-3	885100-002	MB
DUP-006	885100-004	MB
PW-1	885100-006	MB
PW-4	885100-010	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.006	0.10	0.11	106.4		---	---	---		---			90	110	20	885100-010	<	0.006	0.10	0.12	115.8	N	0.10	0.089	88.5	N	26.8	*		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22075

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22101
Prep Method: SM 4500-S2 F
Analytical Method: SM 4500-S2 F

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-044MB	WCG2189-044MB
LCS	WCG2189-044MBLCS	WCG2189-044MBLCS
MS	885085-001MS	885085-001MS
MSD	885085-001MSD	885085-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-006	885100-001	MB
PW-4	885100-010	MB

Client Sample ID	Lab Sample ID	MB ID
HW-3	885100-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sulfide	<	2.3	36.4	40	109.9		---	---	---		---			80	120	20	885085-001	<	2.3	36.4	37.2	102.2		36.4	40.8	112.1		9.2			80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22101

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22143
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-096MB	WCG2220-096MB
LCS	WCG2220-096MBLCS	WCG2220-096MBLCS
MS	PW-4MS	885100-010MS
MS	885050-009MS	885050-009MS
MSD	PW-4MSD	885100-010MSD
MSD	885050-009MSD	885050-009MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-006	885100-001	MB
MW-5	885100-003	MB
KMW-1	885100-005	MB
MW-104	885100-009	MB

Client Sample ID	Lab Sample ID	MB ID
HW-3	885100-002	MB
DUP-006	885100-004	MB
PW-1	885100-006	MB
PW-4	885100-010	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Nitrogen, Ammonia	< 0.5	10	10.1	101.0		---	---	---		---		90	110	20	885050-009	< 0.5	10	9.7	97.4		10	9.7	97.3		0.1		90	110	20
Nitrogen, Ammonia	< 0.5	10.0	10.1	101.0		---	---	---		---		90	110	20	885100-010	2.66	10.0	12.7	98.4		10.0	12.4	95.4		2.4		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22143

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22239
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-045MB	WCG2189-045MB
LCS	WCG2189-045MBLCS	WCG2189-045MBLCS
MS	FBK-006MS	885100-001MS
MSD	FBK-006MSD	885100-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-006	885100-001	MB
MW-5	885100-003	MB
KMW-1	885100-005	MB
MW-104	885100-009	MB

Client Sample ID	Lab Sample ID	MB ID
HW-3	885100-002	MB
DUP-006	885100-004	MB
PW-1	885100-006	MB
PW-4	885100-010	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Bicarbonate Alkalinity	<	3.2	77.40	79.2	102.3		---	---	---		---		80	120	20	885100-001	<	3.2	100.0	102.7	102.7		100.0	100.6	100.6		2.1		80	120	20
Carbonate Alkalinity	<	3.2	0	---	---		---	---	---		---		---	---	---	885100-001	<	3.2	---	---	---		---	---	---		---		---	---	---
Total Alkalinity	<	3.2	77.40	79.2	102.3		---	---	---		---		80	120	20	885100-001	<	3.2	100.0	102.7	102.7		100.0	100.6	100.6		2.1		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22239

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: BNASIM
QC Batch Number: 22209
Prep Method: SW846 3510C
Analytical Method: 8270C-SIM

QC Type	Client Sample ID	Lab Sample ID
MB	svog2114-77MB	svog2114-77MB
LCS	svog2114-77LCS	svog2114-77LCS
MS	885187-008MS	885187-008MS
MSD	885187-008MSD	885187-008MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
MW-7	885140-004	MB			

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Acenaphthene	<	0.0086	0.20	0.15	74		---	---	---		---		40	126	23	885187-008		0.21	0.19	0.29	39	N	0.19	0.25	20	N	13.3		56	113	24
Acenaphthylene	<	0.0086	0.20	0.15	74		---	---	---		---		39	127	24	885187-008		0.019	0.19	0.12	53	N	0.19	0.11	46	N	10.7		56	115	24
Anthracene	<	0.012	0.20	0.15	76		---	---	---		---		39	139	27	885187-008		0.033	0.19	0.12	46	N	0.19	0.11	40	N	10.2		55	126	20
Benzo(a)anthracene	<	0.017	0.20	0.16	82		---	---	---		---		48	146	20	885187-008		0.045	0.19	0.2	80		0.19	0.19	79		1.4		45	150	20
Benzo(a)pyrene	<	0.019	0.20	0.18	88		---	---	---		---		61	136	20	885187-008		0.040	0.19	0.19	81		0.19	0.19	80		1.4		72	129	20
Benzo(b)fluoranthene	<	0.017	0.20	0.17	86		---	---	---		---		51	141	20	885187-008		0.030	0.19	0.21	94		0.19	0.21	94		0.1		72	134	20
Benzo(ghi)perylene	<	0.02	0.20	0.18	91		---	---	---		---		57	136	20	885187-008		0.020	0.19	0.18	87		0.19	0.18	85		1.8		72	128	20
Benzo(k)fluoranthene	<	0.02	0.20	0.19	97		---	---	---		---		61	149	20	885187-008		0.036	0.19	0.18	78		0.19	0.18	76		1.8		75	129	20
Chrysene	<	0.02	0.20	0.17	83		---	---	---		---		61	150	20	885187-008		0.048	0.19	0.18	69	N	0.19	0.17	66	N	3.4		71	136	20
Dibenz(a,h)anthracene	<	0.02	0.20	0.19	95		---	---	---		---		46	150	20	885187-008	<	0.019	0.19	0.18	96		0.19	0.18	94		2.4		43	150	20
Fluoranthene	<	0.016	0.20	0.17	86		---	---	---		---		48	145	20	885187-008		0.084	0.19	0.2	60		0.19	0.2	59		1.0		58	137	20
Fluorene	<	0.0096	0.20	0.15	73		---	---	---		---		40	131	25	885187-008	<	0.0091	0.19	0.11	56		0.19	0.099	53	N	6.8		56	121	21
Indeno(1,2,3-cd)pyrene	<	0.02	0.20	0.19	94		---	---	---		---		54	143	20	885187-008	<	0.019	0.19	0.19	99		0.19	0.18	97		2.1		71	140	20
Naphthalene	<	0.013	0.20	0.15	73		---	---	---		---		45	131	30	885187-008	<	0.012	0.19	0.15	77		0.19	0.12	62		20.9		53	107	31
Phenanthrene	<	0.012	0.20	0.16	82		---	---	---		---		40	131	25	885187-008		0.037	0.19	0.13	51	N	0.19	0.13	49	N	2.9		58	138	20
Pyrene	<	0.015	0.20	0.15	74		---	---	---		---		55	135	20	885187-008		0.065	0.19	0.18	61	N	0.19	0.17	59	N	2.8		71	136	20
Nitrobenzene-d5		63%	---	---	68		---	---	---		---		10	150	---	885187-008		74%	---	---	58		---	---	51		---		10	150	---
2-Fluorobiphenyl		62%	---	---	70		---	---	---		---		20	111	---	885187-008		74%	---	---	56		---	---	48		---		20	111	---
Terphenyl-d14		68%	---	---	78		---	---	---		---		44	115	---	885187-008		76%	---	---	71		---	---	71		---		44	115	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22209

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: METALS
QC Batch Number: 22149
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2202-50	MBWMTG2202-50
LCS	LCSWMTG2202-50	LCSWMTG2202-50
MS	KMW-5MS	885140-002MS
MSD	KMW-5MSD	885140-002MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-007	885140-001	MB
DUP-007	885140-003	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-5	885140-002	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Aluminum	J	4.6	10000.0	9905	99.1		---	---	---		---		75	125	20	885140-002		3713.00	10000.0	14010	103.0		10000.0	14270	105.6		1.8		75	125	20
Antimony	<	0.1	200.0	210.4	105.2		---	---	---		---		75	125	20	885140-002		0.5900	200.0	194.5	97.0		200.0	196.8	98.1		1.2		75	125	20
Arsenic	<	0.093	200.0	200.4	100.2		---	---	---		---		75	125	20	885140-002		5.620	200.0	202	98.2		200.0	206.5	100.4		2.2		75	125	20
Barium	<	0.072	200.0	199.9	99.9		---	---	---		---		75	125	20	885140-002		20.94	200.0	221.5	100.3		200.0	224.9	102.0		1.5		75	125	20
Beryllium	<	0.07	200.0	199.9	99.9		---	---	---		---		75	125	20	885140-002		0.5100	200.0	151.2	75.3		200.0	156.4	77.9		3.4		75	125	20
Boron	<	1.1	200.0	197.5	98.8		---	---	---		---		75	125	20	885140-002		39.38	200.0	195.4	78.0		200.0	201.3	81.0		3.0		75	125	20
Cadmium	<	0.097	200.0	201.4	100.7		---	---	---		---		75	125	20	885140-002	<	0.097	200.0	197.8	98.9		200.0	200.1	100.1		1.2		75	125	20
Calcium	<	10	10000.0	9548	95.5		---	---	---		---		75	125	20	885140-002		23830.0	10000.0	33060	92.3		10000.0	34050	102.2		3.0		75	125	20
Chromium	<	0.43	200.0	202.1	101.1		---	---	---		---		75	125	20	885140-002		13.08	200.0	202.8	94.9		200.0	207.6	97.3		2.3		75	125	20
Cobalt	<	0.059	200.0	197.7	98.8		---	---	---		---		75	125	20	885140-002		32.98	200.0	217.7	92.4		200.0	222.2	94.6		2.0		75	125	20
Copper	<	0.12	200.0	199.7	99.8		---	---	---		---		75	125	20	885140-002		15.63	200.0	199	91.7		200.0	203.7	94.0		2.3		75	125	20
Iron	J	2.9	10000.0	10320	103.2		---	---	---		---		75	125	20	885140-002		21250.0	10000.0	30090	88.4		10000.0	31180	99.3		3.6		75	125	20
Lead	<	0.044	200.0	203.6	101.8		---	---	---		---		75	125	20	885140-002		5.030	200.0	206.8	100.9		200.0	210.7	102.8		1.9		75	125	20
Magnesium	<	53	10000.0	10140	101.4		---	---	---		---		75	125	20	885140-002		13390.0	10000.0	22920	95.3		10000.0	23380	99.9		2.0		75	125	20
Manganese	J	0.1	200.00	204.9	102.4		---	---	---		---		75	125	20	885140-002		1580.0	200.00	1761	90.5	+	200.00	1814	117.0	+	3.0		75	125	20
Molybdenum	<	0.12	200.0	198.8	99.4		---	---	---		---		75	125	20	885140-002		7.270	200.0	189.4	91.1		200.0	193.8	93.3		2.3		75	125	20
Nickel	<	0.075	200.0	199.2	99.6		---	---	---		---		75	125	20	885140-002		8.270	200.0	192.3	92.0		200.0	195.8	93.8		1.8		75	125	20
Potassium	<	6.2	10000.0	10300	103.0		---	---	---		---		75	125	20	885140-002		4021.00	10000.0	13710	96.9		10000.0	14120	101.0		2.9		75	125	20
Selenium	J	0.22	200.0	195.1	97.6		---	---	---		---		75	125	20	885140-002	<	0.15	200.0	185.3	92.7		200.0	189.2	94.6		2.1		75	125	20
Silver	<	0.11	100	97.3	97.3		---	---	---		---		75	125	20	885140-002	<	0.11	100	93.4	93.4		100	95.2	95.2		1.9		75	125	20
Sodium	<	46	10000.0	10160	101.6		---	---	---		---		75	125	20	885140-002		53430.0	10000.0	46850	-65.8	+	10000.0	46460	-69.7	+	0.8		75	125	20
Thallium	<	0.03	200.0	196.3	98.2		---	---	---		---		75	125	20	885140-002		0.1000	200.0	197.6	98.8		200.0	200.8	100.3		1.6		75	125	20

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22149

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Vanadium	<	0.41	200.0	201.1	100.6		---	---	---		---		75	125	20	885140-002	4.250	200.0	196.3	96.0		200.0	200.8	98.3		2.3		75	125	20
Zinc	J	3.1	200.0	168.3	84.2		---	---	---		---		75	125	20	885140-002	17.01	200.0	180	81.5		200.0	175.9	79.4		2.3		75	125	20

Conc = ug/L unless otherwise noted
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Report Date: 9/4/2007
QC Batch Number: 22149

Pace Analytical
Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

SDG: 884600
Lab Section: METALS
QC Batch Number: 22315
Prep Method: EPA 1631E
Analytical Method: EPA 1631E

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2207-018	MBWMTG2207-018
IPR	IPRWMTG2207-018	IPRWMTG2207-018
OPR	OPRWMTG2207-018	OPRWMTG2207-018
MS	DUP-007MS	885140-003MS
MS	885100-005MS	885100-005MS
MS	884902-003MS	884902-003MS
MSD	DUP-007MSD	885140-003MSD
MSD	885100-005MSD	885100-005MSD
MSD	884902-003MSD	884902-003MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-007	885140-001	MB
DUP-007	885140-003	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-5	885140-002	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Mercury - Low Level	0.4092	0	---	---		---	---	---		---			---	---	---	884902-003	85.71	200.0	330.6	122.5		200.0	329.1	121.7		0.4			75	125	24
Mercury - Low Level	0.4092	0	---	---		---	---	---		---			---	---	---	885100-005	9.56	10.0	21.8	122.2		10.0	20.3	107.5		7.0			75	125	24
Mercury - Low Level	0.4092	0	---	---		---	---	---		---			---	---	---	885140-003	2.46	10.0	13.6	111.8		10.0	13.7	112.3		0.3			75	125	24

Conc = ng/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22315

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22114
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2232-022MB	WCG2232-022MB
LCS	WCG2232-022MBLCS	WCG2232-022MBLCS
MS	885134-007MS	885134-007MS
MSD	885134-007MSD	885134-007MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-007	885140-001	MB
MW-7	885140-004	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-007	885140-003	MB

Test Name	Method Blank Result Conc		LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Chloride	<	1.1	20.0	18.4	92.1		---	---	---		---		90	110	20	885134-007		44.5	20.0	64.8	101.7		20.0	65.1	102.8		0.3		90	110	20
Fluoride	<	0.059	2.0	1.9	97.0		---	---	---		---		90	110	20	885134-007		0.27	2.0	1.9	81.5	N	2.0	1.9	82.0	N	0.5		90	110	20
Nitrogen, Nitrate	<	0.085	1.6	1.6	96.9		---	---	---		---		90	110	20	885134-007	<	0.085	1.6	1.5	94.4		1.6	1.5	95.0		0.7		90	110	20
Nitrogen, Nitrite	<	0.036	0.80	0.75	93.8		---	---	---		---		90	110	20	885134-007	<	0.036	0.80	0.85	106.2		0.80	0.85	106.2		0.0		90	110	20
Sulfate	<	0.51	16.0	15.3	95.4		---	---	---		---		90	110	20	885134-007		1.74	16.0	15.6	86.7	N	16.0	15.6	86.7	N	0.0		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22114

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22144
Prep Method: EPA 350.1
Analytical Method: EPA 350.1

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2220-097MB	WCG2220-097MB
LCS	WCG2220-097MBLCS	WCG2220-097MBLCS
MS	885154-001MS	885154-001MS
MS	885146-001MS	885146-001MS
MSD	885154-001MSD	885154-001MSD
MSD	885146-001MSD	885146-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-007	885140-001	MB
DUP-007	885140-003	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-5	885140-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Nitrogen, Ammonia	<	0.5	10.0	10.1	101.4		---	---	---		---		90	110	20	885146-001	<	0.5	10.0	10.6	106.1		10.0	10.3	103.3		2.6		90	110	20
Nitrogen, Ammonia	<	0.5	10.0	10.1	101.4		---	---	---		---		90	110	20	885154-001	<	0.5	10.0	10.7	107.4		10.0	10.6	105.8		1.5		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 9/4/2007
QC Batch Number: 22144

Pace Analytical
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QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22155
Prep Method: SM 4500-S2 F
Analytical Method: SM 4500-S2 F

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-046MB	WCG2189-046MB
LCS	WCG2189-046MBLCS	WCG2189-046MBLCS
LCSD	WCG2189-046MBLCSD	WCG2189-046MBLCSD

Client Sample ID	Lab Sample ID	MB ID
KMW-5	885140-002	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-007	885140-003	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Sulfide	<	2.3	36.4	40.4	111.0		36.4	42	115.4		3.9		80	120	20	---		---	---	---	---		---	---	---		---		---	---	---

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 22155

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22237
Prep Method: EPA 335.4
Analytical Method: EPA 335.4

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2244-013MB	WCG2244-013MB
LCS	WCG2244-013MBLCS	WCG2244-013MBLCS
MS	DUP-007MS	885140-003MS
MS	FBK-007MS	885140-001MS
MS	885065-002MS	885065-002MS
MSD	DUP-007MSD	885140-003MSD
MSD	FBK-007MSD	885140-001MSD
MSD	885065-002MSD	885065-002MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-007	885140-001	MB
DUP-007	885140-003	MB

Client Sample ID	Lab Sample ID	MB ID
KMW-5	885140-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Cyanide, Total	<	0.006	0.10	0.099	98.8		---	---	---		---		90	110	20	885140-001	<	0.006	0.10	0.11	111.0	N	0.10	0.11	106.3		4.3		90	110	20
Cyanide, Total	<	0.006	0.10	0.099	98.8		---	---	---		---		90	110	20	885140-003	<	0.006	0.10	0.1	102.7		0.10	0.1	102.0		0.6		90	110	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
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Report Date: 9/4/2007
QC Batch Number: 22237

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
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QC Summary

SDG: 884600
Lab Section: WETCHEM
QC Batch Number: 22239
Prep Method: SM 2320B
Analytical Method: SM 2320B

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2189-045MB	WCG2189-045MB
LCS	WCG2189-045MBLCS	WCG2189-045MBLCS
MS	885100-001MS	885100-001MS
MSD	885100-001MSD	885100-001MSD

Client Sample ID	Lab Sample ID	MB ID
FBK-007	885140-001	MB
MW-7	885140-004	MB

Client Sample ID	Lab Sample ID	MB ID
DUP-007	885140-003	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	LCS Recovery %	LCS Recovery C	LCSD Spiked Conc	LCSD Recovery Conc	LCSD Recovery %	LCSD Recovery C	LCS/LCSD RPD %	LCS/LCSD RPD C	LCS/LCSD Control Limits LCL %	LCS/LCSD Control Limits UCL %	LCS/LCSD Control Limits RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	MS Recovery %	MS Recovery C	MSD Spiked Conc	MSD Recovery Conc	MSD Recovery %	MSD Recovery C	MS/MSD RPD %	MS/MSD RPD C	MS/MSD Control Limits LCL %	MS/MSD Control Limits UCL %	MS/MSD Control Limits RPD %
Bicarbonate Alkalinity	< 3.2	77.40	79.2	102.3		---	---	---		---		80	120	20	885100-001	< 3.2	100.0	102.7	102.7		100.0	100.6	100.6		2.1		80	120	20
Carbonate Alkalinity	< 3.2	0	---	---		---	---	---		---		---	---	---	885100-001	< 3.2	---	---	---		---	---	---		---		---	---	---
Total Alkalinity	< 3.2	77.40	79.2	102.3		---	---	---		---		80	120	20	885100-001	< 3.2	100.0	102.7	102.7		100.0	100.6	100.6		2.1		80	120	20

Conc = mg/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/4/2007
QC Batch Number: 22239