MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CRAIG GILL
301 MARSHALL ST
ALBION MI 49224

Sample ID: LI69324
Work Order: 91000822_03

System Name/Owner:	ARBOR RIDGE CONDOS	WSSN/Pool ID:	00236	
Collection Address:	2015 RENDALL DR,JACKSON	Source:	TYPE II	
Collected By:	MARILYN ROSSMAN	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Jackson	Date Collected:	09/28/2019	16:15
Sample Point:		Date Received:	10/04/2019	15:10
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.08	mg/L	0.05	10/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	10/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CRAIG GILL
301 MARSHALL ST
ALBION MI 49224

Sample ID: LI69325
Work Order: 91000822_04

System Name/Owner:	ARBOR RIDGE CONDOS	WSSN/Pool ID:	00236	
Collection Address:	2003 AUGUSTA,JACKSON	Source:	TYPE II	
Collected By:	LINDA SCHEU	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Jackson	Date Collected:	09/28/2019	07:00
Sample Point:	KITCHEN SINK	Date Received:	10/04/2019	15:10
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.10	mg/L	0.05	10/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	10/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CRAIG GILL
301 MARSHALL ST
ALBION MI 49224

Sample ID: LI69327
Work Order: 91000822_06

System Name/Owner:	ARBOR RIDGE CONDOS	WSSN/Pool ID:	00236	
Collection Address:	2011 AUGUSTA,JACKSON	Source:	TYPE II	
Collected By:	MARGE BERRY	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Jackson	Date Collected:	09/28/2019	14:30
Sample Point:	KITCHEN SINK	Date Received:	10/04/2019	15:10
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	10/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	10/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CRAIG GILL
301 MARSHALL ST
ALBION MI 49224

Sample ID: LI69328
Work Order: 91000822_07

System Name/Owner:	ARBOR RIDGE CONDOS	WSSN/Pool ID:	00236	
Collection Address:	2037 AUGUSTA,JACKSON	Source:	TYPE II	
Collected By:	GARY LEWIS	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Jackson	Date Collected:	09/28/2019	06:30
Sample Point:	KITCHEN SINK	Date Received:	10/04/2019	15:10
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.13	mg/L	0.05	10/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	10/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CRAIG GILL
301 MARSHALL ST
ALBION MI 49224

Sample ID: LI69329
Work Order: 91000822_08

System Name/Owner:	ARBOR RIDGE CONDOS	WSSN/Pool ID:	00236	
Collection Address:	2017 AUGUSTA,JACKSON	Source:	TYPE II	
Collected By:	DICK SMITH	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Jackson	Date Collected:	09/27/2019	13:09
Sample Point:	KITCHEN SINK	Date Received:	10/04/2019	15:10
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.54	mg/L	0.05	10/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.085	mg/L	0.001	10/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Jackson County Health Dept.
1697 Lansing Ave.
Jackson, MI 49202
517 788-4433

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

SOS ANALYTICAL

4125 Cedar Run Rd., Suite B
Traverse City, MI 49684
Phone 231-946-6767
Fax 231-946-8741
www.sosanalytical.com

COMPANY: AUSABLE VALLEY
NAME: OPERATIONS SERVICES
PROJECT NO:
WSSN: 00324
WELL PERMIT:
TAX ID:
LOCATION: 1390 MAPLE DR
FAIRVIEW
MI
COUNTY:
TWP:

SOS PROJECT NO: 194967
SAMPLED BY: PHILLIP CORKINS II
DATE SAMPLED: 9/6/2019
TIME SAMPLED:
SAMPLE MATRIX: DRINKING WATER
DATE RECEIVED: 9/10/2019
TIME RECEIVED: 11:30 AM

METALS

No:	Analysis	Concentration	LOD	Units	Analyst	Date Completed	Digestion Method	Drinking Water Reg Limit(MCL)
SAMPLE ID: HOME - ACTIVITY (1:30PM)								
1	COPPER EPA 200.8	0.10	0.02	mg/L (PPM)	MM	9/23/2019		1.3
1	LEAD EPA 200.8	0.028	0.002	mg/L (PPM)	MM	9/23/2019		0.015
SAMPLE ID: HOME - P. THERAPY (1:37PM)								
2	COPPER EPA 200.8	0.22	0.02	mg/L (PPM)	MM	9/23/2019		1.3
2	LEAD EPA 200.8	ND	0.002	mg/L (PPM)	MM	9/23/2019		0.015
SAMPLE ID: HOME - KITCHEN (1:41PM)								
3	COPPER EPA 200.8	0.03	0.02	mg/L (PPM)	MM	9/23/2019		1.3
3	LEAD EPA 200.8	ND	0.002	mg/L (PPM)	MM	9/23/2019		0.015
SAMPLE ID: HOME - NOURISHMENT (1:32PM)								
4	COPPER EPA 200.8	0.02	0.02	mg/L (PPM)	MM	9/23/2019		1.3
4	LEAD EPA 200.8	0.048	0.002	mg/L (PPM)	MM	9/23/2019		0.015
SAMPLE ID: VILLAGE #5 (2:04PM)								
5	COPPER EPA 200.8	ND	0.02	mg/L (PPM)	MM	9/23/2019		1.3
5	LEAD EPA 200.8	ND	0.002	mg/L (PPM)	MM	9/23/2019		0.015
SAMPLE ID: VILLAGE #6 (2:07PM)								
6	COPPER EPA 200.8	ND	0.02	mg/L (PPM)	MM	9/23/2019		1.3
6	LEAD EPA 200.8	ND	0.002	mg/L (PPM)	MM	9/23/2019		0.015

ND = NOT DETECTED
LOD = LIMIT OF DETECTION
CV = COLD VAPOR ANALYSIS
SMCL = FEDERAL NON-ENFORCEABLE LIMIT
MCL = MAXIMUM CONTAMINANT LEVEL
DISS = DISSOLVED

APPROVED BY: Shanna Shea
SHANNA SHEA
LAB MANAGER

SOS ANALYTICAL, INC. IS CERTIFIED FOR COMPLIANCE MONITORING UNDER THE SAFE DRINKING WATER ACT.

SOS ANALYTICAL

4125 Cedar Run Rd., Suite B
Traverse City, MI 49684
Phone 231-946-6767
Fax 231-946-8741
www.sosanalytical.com

COMPANY: AUSABLE VALLEY
NAME: OPERATIONS SERVICES
PROJECT NO:
WSSN: 00324
WELL PERMIT:
TAX ID:
LOCATION: 1390 MAPLE DR
FAIRVIEW
MI
COUNTY:
TWP:

SOS PROJECT NO: 194967
SAMPLED BY: PHILLIP CORKINS II
DATE SAMPLED: 9/6/2019
TIME SAMPLED:
SAMPLE MATRIX: DRINKING WATER
DATE RECEIVED: 9/10/2019
TIME RECEIVED: 11:30 AM

METALS

No:	Analysis	Concentration	LOD	Units	Analyst	Date Completed	Digestion Method	Drinking Water Reg Limit(MCL)
SAMPLE ID: VILLAGE #13 (2:14PM)								
7	COPPER EPA 200.8	ND	0.02	mg/L (PPM)	MM	9/23/2019		1.3
7	LEAD EPA 200.8	ND	0.002	mg/L (PPM)	MM	9/23/2019		0.015
SAMPLE ID: VILLAGE #14 (2:10PM)								
8	COPPER EPA 200.8	0.05	0.02	mg/L (PPM)	MM	9/23/2019		1.3
8	LEAD EPA 200.8	ND	0.002	mg/L (PPM)	MM	9/23/2019		0.015

ND = NOT DETECTED
LOD = LIMIT OF DETECTION
CV = COLD VAPOR ANALYSIS
SMCL = FEDERAL NON-ENFORCEABLE LIMIT
MCL = MAXIMUM CONTAMINANT LEVEL
DISS = DISSOLVED

APPROVED BY: Shanna Shea
SHANNA SHEA
LAB MANAGER

SOS ANALYTICAL, INC. IS CERTIFIED FOR COMPLIANCE MONITORING UNDER THE SAFE DRINKING WATER ACT.

CUSTODY TRANSFER RECORD

SOS ANALYTICAL
4125 Cedar Run Road, Suite B
Traverse City, MI 49684
Phone: (231) 946-6767 Fax: (231) 946-8741
Email: shanna@sosanalytical.com .www.sosanalytical.com

Client / Company Name : AUSABLE VALLEY
Site Address : 1390 MAPLE DR. / FAIRVIEW
Project # / WSSN # : 00324
Sampling Company : OPERATIONS SERVICES
Sampler's Name : PHILLIP CORKINS II
Send Results To PCORKINS@OPERATIONSSERVICES.COM
Address :
Phone : 989.619.9196 Fax / E-mail :
Invoice To KAUTEN@WELLSPRINGLUTHERAN.COM
Address :

Quote # : PO # :
Miscellaneous Information :

SOS Project ID # 194967
Cooler Temp (°C) 21.8°C Page ____ of ____

Sample Identification	Collection Information Date	Time	# of Containers	Matrix (DW, WW, GW, Soil, Oil, Sludge)	Comments / Other Analysis
1 HOME-ACTIVITY 1	9.6.19	1:30 AM/PM	1	DW Grab/Comp	ST=7:29AM
2 HOME-P.THERAPY 2	9.6.19	1:37 AM/PM	1	DW Grab/Comp	ST=7:35AM
3 HOME-KITCHEN 3	9.6.19	1:41 AM/PM	1	DW Grab/Comp	ST=7:40AM
4 HOME-NOURISHMENT 4	9.6.19	1:32 AM/PM	1	DW Grab/Comp	ST=7:31AM
5 VILLAGE-#5 5	9.6.19	2:04 AM/PM	1	DW Grab/Comp	ST=8:01AM
6 VILLAGE-#6 6	9.6.19	2:07 AM/PM	1	DW Grab/Comp	ST=8:05AM
7 VILLAGE-#13 7	9.6.19	2:14 AM/PM	1	DW Grab/Comp	ST=8:12AM
8 VILLAGE-#14 8	9.6.19	2:10 AM/PM	1	DW Grab/Comp	ST=8:09AM
9		AM/PM		Grab/Comp	
10		AM/PM		Grab/Comp	
11		AM/PM		Grab/Comp	
12		AM/PM		Grab/Comp	
13		AM/PM		Grab/Comp	
14		AM/PM		Grab/Comp	
15		AM/PM		Grab/Comp	

Analysis Information (HCL, HNO3, H2SO4, NaOH, MEOH)

4	3										
X	X										
X	X										
X	X										
X	X										
X	X										
X	X										
X	X										
X	X										

RUSH Due : Call To Schedule

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	9.9.19	2:00 AM/PM			AM/PM
Relinquished by:	Date:	Time:	Received in lab by:	Date:	Time:
		AM/PM		9/10/19	11:30 AM/PM

SOS ANALYTICAL

4125 Cedar Run Rd., Suite B
Traverse City, MI 49684
Phone 231-946-6767
Fax 231-946-8741
www.sosanalytical.com

COMPANY: AUSABLE VALLEY APTS
NAME: OPERATIONS SERVICES
PROJECT NO:
WSSN: 00324
WELL PERMIT:
TAX ID:
LOCATION: 1441 MAPLE DR
FAIRVIEW
MI
COUNTY:
TWP:

SOS PROJECT NO: 194966
SAMPLED BY: PHILLIP CORKINS II
DATE SAMPLED: 9/6/2019
TIME SAMPLED:
SAMPLE MATRIX: DRINKING WATER
DATE RECEIVED: 9/10/2019
TIME RECEIVED: 11:30 AM

METALS

No:	Analysis	Concentration	LOD	Units	Analyst	Date Completed	Digestion Method	Drinking Water Reg Limit(MCL)
SAMPLE ID: APT #10 (1:52PM)								
1	COPPER EPA 200.8	0.03	0.02	mg/L (PPM)	MM	9/23/2019		1.3
1	LEAD EPA 200.8	0.003	0.002	mg/L (PPM)	MM	9/23/2019		0.015
SAMPLE ID: APT #37 (1:55PM)								
2	COPPER EPA 200.8	0.02	0.02	mg/L (PPM)	MM	9/23/2019		1.3
2	LEAD EPA 200.8	ND	0.002	mg/L (PPM)	MM	9/23/2019		0.015
SAMPLE ID: APT #45 (1:58PM)								
3	COPPER EPA 200.8	0.04	0.02	mg/L (PPM)	MM	9/23/2019		1.3
3	LEAD EPA 200.8	ND	0.002	mg/L (PPM)	MM	9/23/2019		0.015
SAMPLE ID: COMM. KITCHEN (1:48PM)								
4	COPPER EPA 200.8	0.02	0.02	mg/L (PPM)	MM	9/23/2019		1.3
4	LEAD EPA 200.8	ND	0.002	mg/L (PPM)	MM	9/23/2019		0.015

ND = NOT DETECTED
LOD = LIMIT OF DETECTION
CV = COLD VAPOR ANALYSIS
SMCL = FEDERAL NON-ENFORCEABLE LIMIT
MCL = MAXIMUM CONTAMINANT LEVEL
DISS = DISSOLVED

APPROVED BY: Shanna Shea
SHANNA SHEA
LAB MANAGER

SOS ANALYTICAL, INC. IS CERTIFIED FOR COMPLIANCE MONITORING UNDER THE SAFE DRINKING WATER ACT.

CUSTODY TRANSFER RECORD

SOS ANALYTICAL
4125 Cedar Run Road, Suite B
Traverse City, MI 49684
Phone: (231) 946-6767 Fax: (231) 946-8741
Email: shanna@sosanalytical.com www.sosanalytical.com

SOS Project ID # 194966

Client / Company Name : AUSABLE VALLEY APTS.
Site Address : 1441 MAPLE DR. / FAIRVIEW
Project # / WSSN # : 00324
Sampling Company OPERATIONS SERVICES
Sampler's Name PHILLIP CORKINS II
Send Results To PCORKINS@OPERATIONSSERVICES.COM
Address :
Phone 989.619.9196 Fax / E-mail :
Invoice To KLUNSEMAN@WELLSPRINGLUTHERAN.COM
Address :

Quote # : PO # :
Miscellaneous Information :

Cooler Temp (°C) 21.2°C Page ____ of ____

Analysis Information

Sample Identification	Collection Information Date	Time	# of Containers	Matrix (DW, WW, GW, Soil, Oil, Sludge)	Comments / Other Analysis	HCl HNO3 H2SO4 NaOH MEOH	HCl HNO3 H2SO4 NaOH MEOH	HCl HNO3 H2SO4 NaOH MEOH	HCl HNO3 H2SO4 NaOH MEOH	HCl HNO3 H2SO4 NaOH MEOH	HCl HNO3 H2SO4 NaOH MEOH	HCl HNO3 H2SO4 NaOH MEOH	HCl HNO3 H2SO4 NaOH MEOH	HCl HNO3 H2SO4 NaOH MEOH	RUSH Due: Call To Schedule
						2	3								
1 APT. #10 1	9.6.19	1:52 AM/PM	1	DW Grab/Comp	ST = 7:49 AM	X	X								
2 APT. #37 2	9.6.19	1:55 AM/PM	1	DW Grab/Comp	ST = 7:52 AM	X	X								
3 APT. #45 3	9.6.19	1:58 AM/PM	1	DW Grab/Comp	ST = 7:56 AM	X	X								
4 COMM. KITCHEN 4	9.6.19	1:48 AM/PM	1	DW Grab/Comp	ST = 7:47 AM	X	X								
5		AM/PM		Grab/Comp											
6		AM/PM		Grab/Comp											
7		AM/PM		Grab/Comp											
8		AM/PM		Grab/Comp											
9		AM/PM		Grab/Comp											
10		AM/PM		Grab/Comp											
11		AM/PM		Grab/Comp											
12		AM/PM		Grab/Comp											
13		AM/PM		Grab/Comp											
14		AM/PM		Grab/Comp											
15		AM/PM		Grab/Comp											

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	9.9.19	2:00 AM/PM			AM/PM
Relinquished by:	Date:	Time:	Received in lab by:	Date:	Time:
		AM/PM		9/10/19	11:30 AM/PM

eurofins | Eaton Analytical

LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

This report may not be reproduced, except in full, without written approval from EEA.

STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN00035	New Jersey*	IN598
Colorado Radiochemistry	IN00035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-18-12
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA014	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

*NELAP/TNI Recognized Accreditation Bodies

Revision date: 03/14/2019

eurofins | Eaton Analytical

110 South Hill Street
South Bend, IN 46617
Tel: (574) 233-4777
Fax: (574) 233-8207
1 800 332 4345

Laboratory Report

Client: City of Benton Harbor

Attn: Michael O'Malley
200 East Wall Street
Benton Harbor, MI 49002

Report: 471354
Priority: Standard Written
Status: Final
PWS ID: MI0600

Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4488794	Oct Pb 14 Sample 1	200.8	11/11/19 05:00	Client	11/18/19 16:20
4488795	Oct Pb 14 Sample 5	200.8	11/11/19 05:00	Client	11/18/19 16:20
4488796	Oct Pb 12 Sample 1	200.8	11/10/19 06:00	Client	11/18/19 16:20
4488797	Oct Pb 12 Sample 5	200.8	11/10/19 06:00	Client	11/18/19 16:20

Report Summary

Note: Sample containers were provided by the client.

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Pat Muff at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

Pat Muff ASM 11/22/2019

Authorized Signature Title Date

Client Name: City of Benton Harbor
Report #: 471354

Client Name: City of Benton Harbor Report #: 471354

Sampling Point: Oct Pb 14 Sample 1 PWS ID: MI0600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**8.6**	ug/L	---	11/20/19 19:24	4488794
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	11/20/19 19:24	4488794

Sampling Point: Oct Pb 14 Sample 5 PWS ID: MI0600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**8.0**	ug/L	---	11/20/19 19:28	4488795
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	11/20/19 19:28	4488795

Sampling Point: Oct Pb 12 Sample 1 PWS ID: MI0600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.5**	ug/L	---	11/20/19 19:31	4488796
7439-92-1	Lead	200.8	15 !	1.0	**4.4**	ug/L	---	11/20/19 19:31	4488796

Sampling Point: Oct Pb 12 Sample 5 PWS ID: MI0600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**3.6**	ug/L	---	11/20/19 19:34	4488797
7439-92-1	Lead	200.8	15 !	1.0	**3.9**	ug/L	---	11/20/19 19:34	4488797

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

Reg Limit Type:	MCL	SMCL	AL
Symbol:	*	^	!

Lab Definitions

Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC) - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

Internal Standards (IS) - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

Laboratory Duplicate (LD) - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS) - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB) - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB) - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD) - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM) - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV) - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS) - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

Surrogate Standard (SS) / Surrogate Analyte (SUR) - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

385183

eurofins | Eaton Analytical

110 S. Hill Street
South Bend, IN 46617
T: 1.800.332.4345
F: 1.574.233.8207

dm 11/18/19 Order # 385183

Batch # 471354

www.EurofinsUS.com/Eaton

Shaded area for EEA use only

CHAIN OF CUSTODY RECORD

Page ____ of ____

REPORT TO:	SAMPLER (Signature)	PWS ID #	STATE (sample origin)	PROJECT NAME	PO#
Mike O'Malley Maudley@cityofbentonHarbor.mi.gov	Donny	0600	MI	Stage2 DBP Monitor.	M-D

BILL TO:	COMPLIANCE MONITORING	Yes	No	POPULATION SERVED	SOURCE WATER
		X			

LAB Number	COLLECTION DATE	COLLECTION TIME	AM	PM	SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED YES	CHLORINATED NO	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
1 4488794	11/11/19	1500	X		Oct Pb14 Sample 1	Lead & Copper		X		1	SW	SW
2 795					Oct Pb14 Sample 5			X		1	SW	SW
3 796	11/10/19	1600	X		Oct Pb12 " 1							
4 797					Oct Pb12 Sup 5							
5	11/18/19	~~1200~~ 1130	~~X~~ X		Stage 2 DBP site #1 Bact	TTHM HAA5		X		3	SW	SW
6			X					X		1	SW	SW
7								X		3	SW	SW
8	11/18/19	1200		X	Stage 2 DBP Site #2 Blue water Thermal	TTHM		X		1	SW	SW
9												
10	11/18/19	730	X		TOC Raw water	TOC			X	3	SW	SW
11												
12	11/18/19	1230		X	TOC Finished water	TOC		X		3	SW	SW
13												
14												

385183 385189 DW 385189 one separate COC needed PM 11/18/19

for 11/18/19

RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
	11/18/19	420 AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
		AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME
		AM PM	dmartes	11/18/19	1620 AM PM

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

LAB COMMENTS: Client provided Pb14 Cu bottles only. dm 11/18/19

CONDITIONS UPON RECEIPT (check one): ___ Iced: Wet/Blue ___ Ambient ___ °C Upon Receipt ___ N/A

MATRIX CODES:

DW-DRINKING WATER
RW-REAGENT WATER
GW-GROUND WATER
EW-EXPOSURE WATER
SW-SURFACE WATER
PW-POOL WATER
WW-WASTE WATER

TURN-AROUND TIME (TAT) - SURCHARGES

SW = Standard Written: (15 working days) 0%
RV* = Rush Verbal: (5 working days) 50%
RW* = Rush Written: (5 working days) 75%
IV* = Immediate Verbal: (3 working days) 100%
IW* = Immediate Written: (3 working days) 125%
SP* = Weekend, Holiday CALL
STAT* = Less than 48 hours CALL

* Please call, expedited service not available for all testing

Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.

Sample analysis will be provided according to the standard EEA/Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.

eurofins | Eaton Analytical

LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

This report may not be reproduced, except in full, without written approval from EEA.

STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN00035	New Jersey*	IN598
Colorado Radiochemistry	IN00035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-18-12
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA014	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

*NELAP/TNI Recognized Accreditation Bodies

Revision date: 03/14/2019

eurofins | Eaton Analytical

110 South Hill Street
South Bend, IN 46617
Tel: (574) 233-4777
Fax: (574) 233-8207
1 800 332 4345

Laboratory Report

Client: City of Benton Harbor

Attn: Michael O'Malley
200 East Wall Street
Benton Harbor, MI 49002

Report: 473564
Priority: Standard Written
Status: Final
PWS ID: MI600

Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4512549	CCNPb 28 Sample 1	200.8	11/30/19 06:05	Client	12/12/19 11:15
4512550	CCNPb 28 Sample 5	200.8	11/30/19 06:05	Client	12/12/19 11:15
4512551	NPb 4 Sample 1	200.8	12/03/19 07:00	Client	12/12/19 11:15
4512552	NPb 4 Sample 5	200.8	12/03/19 07:00	Client	12/12/19 11:15
4512553	NPb 5 Sample 1	200.8	12/03/19 13:50	Client	12/12/19 11:15
4512554	NPb 5 Sample 5	200.8	12/03/19 13:50	Client	12/12/19 11:15
4512555	CCNPb 7 Sample 1	200.8	12/05/19 17:30	Client	12/12/19 11:15
4512556	CCNPb 7 Sample 5	200.8	12/05/19 17:30	Client	12/12/19 11:15
4512557	CCNPb 34 Sample 1	200.8	12/02/19 14:50	Client	12/12/19 11:15
4512558	CCNPb 34 Sample 5	200.8	12/02/19 14:50	Client	12/12/19 11:15
4512559	CCNPb 29 Sample 1	200.8	12/04/19 04:30	Client	12/12/19 11:15
4512560	CCNPb 29 Sample 5	200.8	12/04/19 04:30	Client	12/12/19 11:15
4512561	CCNPb 25 Sample 1	200.8	12/09/19 07:15	Client	12/12/19 11:15
4512562	CCNPb 25 Sample 5	200.8	12/09/19 07:15	Client	12/12/19 11:15
4512563	NPb 13 Sample 1	200.8	12/09/19 08:00	Client	12/12/19 11:15
4512564	NPb 13 Sample 5	200.8	12/09/19 08:00	Client	12/12/19 11:15
4512565	NPb 12 Sample 1	200.8	12/10/19 10:00	Client	12/12/19 11:15
4512566	NPb 12 Sample 5	200.8	12/10/19 10:00	Client	12/12/19 11:15
4512567	OctPb 11 Sample 1	200.8	12/03/19 07:03	Client	12/12/19 11:15
4512568	OctPb 11 Sample 5	200.8	12/03/19 07:03	Client	12/12/19 11:15
4512569	JPb 29 Sample 1	200.8	12/03/19 04:35	Client	12/12/19 11:15
4512570	JPb 29 Sample 5	200.8	12/03/19 04:35	Client	12/12/19 11:15
4512571	NPb 10 Sample 1	200.8	12/05/19 07:50	Client	12/12/19 11:15
4512572	NPb 10 Sample 5	200.8	12/05/19 07:50	Client	12/12/19 11:15
4512573	NPb 16 Sample 1	200.8	12/11/19 09:15	Client	12/12/19 11:15
4512574	NPb 16 Sample 5	200.8	12/11/19 09:15	Client	12/12/19 11:15
4512575	NPb 17 Sample 1	200.8	12/10/19 10:30	Client	12/12/19 11:15
4512576	NPb 17 Sample 5	200.8	12/10/19 10:30	Client	12/12/19 11:15

Report Summary

Note: Sample containers were provided by the client.

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Pat Muff at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

Pat Muff ASM 12/19/2019

Authorized Signature Title Date

Client Name: City of Benton Harbor Report #: 473564

Sampling Point: CCNPb 28 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**11**	ug/L	---	12/16/19 16:13	4512549
7439-92-1	Lead	200.8	15 !	1.0	**3.1**	ug/L	---	12/16/19 16:13	4512549

Sampling Point: CCNPb 28 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**11**	ug/L	---	12/16/19 16:15	4512550
7439-92-1	Lead	200.8	15 !	1.0	**3.1**	ug/L	---	12/16/19 16:15	4512550

Sampling Point: NPb 4 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**3.4**	ug/L	---	12/16/19 16:22	4512551
7439-92-1	Lead	200.8	15 !	1.0	**22**	ug/L	---	12/16/19 16:22	4512551

Sampling Point: NPb 4 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**5.1**	ug/L	---	12/16/19 16:24	4512552
7439-92-1	Lead	200.8	15 !	1.0	**32**	ug/L	---	12/16/19 16:24	4512552

Sampling Point: NPb 5 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**15**	ug/L	---	12/16/19 16:26	4512553
7439-92-1	Lead	200.8	15 !	1.0	**10**	ug/L	---	12/16/19 16:26	4512553

Client Name: City of Benton Harbor Report #: 473564

Sampling Point: NPb 5 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.8**	ug/L	---	12/16/19 16:28	4512554
7439-92-1	Lead	200.8	15 !	1.0	**12**	ug/L	---	12/16/19 16:28	4512554

Sampling Point: CCNPb 7 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**12**	ug/L	---	12/16/19 16:30	4512555
7439-92-1	Lead	200.8	15 !	1.0	**3.4**	ug/L	---	12/16/19 16:30	4512555

Sampling Point: CCNPb 7 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.8**	ug/L	---	12/16/19 16:33	4512556
7439-92-1	Lead	200.8	15 !	1.0	**1.9**	ug/L	---	12/16/19 16:33	4512556

Sampling Point: CCNPb 34 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**7.2**	ug/L	---	12/16/19 16:35	4512557
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/16/19 16:35	4512557

Sampling Point: CCNPb 34 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**8.5**	ug/L	---	12/16/19 16:37	4512558
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/16/19 16:37	4512558

Sampling Point: CCNPb 29 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**8.4**	ug/L	---	12/16/19 16:44	4512559
7439-92-1	Lead	200.8	15 !	1.0	**16**	ug/L	---	12/16/19 16:44	4512559

Sampling Point: CCNPb 29 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.6**	ug/L	---	12/16/19 16:46	4512560
7439-92-1	Lead	200.8	15 !	1.0	**7.3**	ug/L	---	12/16/19 16:46	4512560

Sampling Point: CCNPb 25 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**3.3**	ug/L	---	12/16/19 16:52	4512561
7439-92-1	Lead	200.8	15 !	1.0	**9.3**	ug/L	---	12/16/19 16:52	4512561

Sampling Point: CCNPb 25 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.5**	ug/L	---	12/16/19 16:55	4512562
7439-92-1	Lead	200.8	15 !	1.0	**1.8**	ug/L	---	12/16/19 16:55	4512562

Sampling Point: NPb 13 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**4.0**	ug/L	---	12/16/19 16:57	4512563
7439-92-1	Lead	200.8	15 !	1.0	**8.6**	ug/L	---	12/16/19 16:57	4512563

Client Name: City of Benton Harbor Report #: 473564

Sampling Point: NPb 13 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.1**	ug/L	---	12/16/19 16:59	4512564
7439-92-1	Lead	200.8	15 !	1.0	**5.3**	ug/L	---	12/16/19 16:59	4512564

Sampling Point: NPb 12 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**3.6**	ug/L	---	12/16/19 17:01	4512565
7439-92-1	Lead	200.8	15 !	1.0	**38**	ug/L	---	12/16/19 17:01	4512565

Sampling Point: NPb 12 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.6**	ug/L	---	12/16/19 17:03	4512566
7439-92-1	Lead	200.8	15 !	1.0	**24**	ug/L	---	12/16/19 17:03	4512566

Sampling Point: OctPb 11 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	< 1.0	ug/L	---	12/16/19 17:06	4512567
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/16/19 17:06	4512567

Sampling Point: OctPb 11 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.5**	ug/L	---	12/16/19 17:08	4512568
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/16/19 17:08	4512568

Client Name: City of Benton Harbor Report #: 473564

Sampling Point: JPb 29 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.4**	ug/L	---	12/16/19 17:19	4512569
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/16/19 17:19	4512569

Sampling Point: JPb 29 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.1**	ug/L	---	12/16/19 17:21	4512570
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/16/19 17:21	4512570

Sampling Point: NPb 10 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**7.8**	ug/L	---	12/16/19 17:28	4512571
7439-92-1	Lead	200.8	15 !	1.0	**72**	ug/L	---	12/16/19 17:28	4512571

Sampling Point: NPb 10 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**11**	ug/L	---	12/16/19 17:30	4512572
7439-92-1	Lead	200.8	15 !	1.0	**39**	ug/L	---	12/16/19 17:30	4512572

Sampling Point: NPb 16 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.6**	ug/L	---	12/16/19 17:32	4512573
7439-92-1	Lead	200.8	15 !	1.0	**25**	ug/L	---	12/16/19 17:32	4512573

Client Name: City of Benton Harbor Report #: 473564

Sampling Point: NPb 16 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	< 1.0	ug/L	---	12/16/19 17:34	4512574
7439-92-1	Lead	200.8	15 !	1.0	**18**	ug/L	---	12/16/19 17:34	4512574

Sampling Point: NPb 17 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**53**	ug/L	---	12/16/19 17:36	4512575
7439-92-1	Lead	200.8	15 !	1.0	**23**	ug/L	---	12/16/19 17:36	4512575

Sampling Point: NPb 17 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**5.1**	ug/L	---	12/16/19 17:39	4512576
7439-92-1	Lead	200.8	15 !	1.0	**9.4**	ug/L	---	12/16/19 17:39	4512576

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

Reg Limit Type:	MCL	SMCL	AL
Symbol:	*	^	!

Lab Definitions

Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC) - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

Internal Standards (IS) - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

Laboratory Duplicate (LD) - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS) - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB) - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB) - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD) - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM) - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV) - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS) - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

Surrogate Standard (SS) / Surrogate Analyte (SUR) - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

eurofins | Eaton Analytical

110 S. Hill Street
South Bend, IN 46617
T: 1.800.332.4345
F: 1.574.233.8207

Order # 386847
Batch # 473564

CHAIN OF CUSTODY RECORD

Page 1 of 1

Shaded area for EEA use only

REPORT TO:	SAMPLER (Signature)	PWS ID #	STATE (sample origin)	PROJECT NAME	PO#
Mike O'Malley momalley@cityofbentonharbormi.gov		600	MI	Lead & Copper 1st and 5th Draw for 2019 end of Compliance	S04694
BILL TO: Mike O'Malley momalley@cityofbentonharbormi.gov	COMPLIANCE MONITORING: Yes x / No	POPULATION SERVED: 9,639	SOURCE WATER: Lake Michigan		

	LAB Number	COLLECTION DATE	TIME	AM	PM	SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED YES	CHLORINATED NO	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	Sample 1												
1	4512549	11/30/19	6:05	x		CCNPb 28	Lead and Copper sample 1 sample 5 4512550	1st & 5th draw	x		2	SW	SW
2	551	12/03/19	7:00	x		NPb 4	Lead and Copper sample 1 sample 5 552	1st & 5th draw	x		2	SW	SW
3	553	12/03/19	1:50		x	NPb 5	Lead and Copper sample 1 sample 5 554	1st & 5th draw	x		2	SW	SW
4	555	12/05/19	5:30		x	CCNPb 7	Lead and Copper sample 1 sample 5 556	1st & 5th draw	x		2	SW	SW
5	557	12/02/19	2:50		x	CCNPb 34	Lead and Copper sample 1 sample 5 558	1st & 5th draw	x		2	SW	SW
6	559	12/04/19	4:30	x		CCNPb 29	Lead and Copper sample 1 sample 5 560	1st & 5th draw	x		2	SW	SW
7	561	12/09/19	7:15	x		CCNPb 25	Lead and Copper sample 1 sample 5 562	1st & 5th draw	x		2	SW	SW
8	563	12/09/19	8:00	x		NPb 13 correct site per client pm 12/13/19	Lead and Copper sample 1 sample 5 564	1st & 5th draw	x		2	SW	SW
9	565	12/10/19	10:00	x		NPb12	Lead and Copper sample 1 sample 5 566	1st & 5th draw	x		2	SW	SW
10	567	12/03/19	7:03	x		OctPb 11	Lead and Copper sample 1 sample 5 568	1st & 5th draw	x		2	SW	SW
11	569	12/03/19	4:35	x		JPb 29	Lead and Copper sample 1 sample 5 570	1st & 5th draw	x		2	SW	SW
12	571	12/05/19	7:50	x		NPb 10	Lead and Copper sample 1 sample 5 572	1st & 5th draw	x		2	SW	SW
13	573	12/11/19	9:15	x		NPb 16	Lead and Copper sample 1 sample 5 574	1st & 5th draw	x		2	SW	SW
14	575	12/10/19	10:30	x		NPb 17	Lead and Copper sample 1 sample 5 576	1st & 5th draw	x		2	SW	SW

S04694 Lead & copper sample (1-14) Round 1 12/12/19

	DATE	TIME		DATE	TIME
RELINQUISHED BY:(Signature)	12/12/19	10:30 AM PM	RECEIVED BY:(Signature)	12/12/19	10:00 AM PM
RELINQUISHED BY:(Signature)	12/12/19	11:15 AM PM	RECEIVED BY:(Signature)		AM PM
RELINQUISHED BY:(Signature)		AM PM	RECEIVED FOR LABORATORY BY:	12-12-19	1115 AM PM

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

LAB COMMENTS
* Bottles show NPd 13 ss 12-12-19
Client Provided Sample Container
All samples pH >2 and were preserved

CONDITIONS UPON RECEIPT (check one): upon receipt ss 12-12-19
___ Iced: Wet/Blue X Ambient ___ °C Upon Receipt X N/A

MATRIX CODES:

DW-DRINKING WATER
RW-REAGENT WATER
GW-GROUND WATER
EW-EXPOSURE WATER
SW-SURFACE WATER
PW-POOL WATER
WW-WASTE WATER

TURN-AROUND TIME (TAT) - SURCHARGES

SW = Standard Written: (15 working days) 0%
RV* = Rush Verbal: (5 working days) 50%
RW* = Rush Written: (5 working days) 75%
IV* = Immediate Verbal: (3 working days) 100%
IW* = Immediate Written: (3 working days) 125%
SP* = Weekend, Holiday CALL
STAT* = Less than 48 hours CALL

06-LO-F0435 Issue 6.0 Effective Date: 2016-09-20

Sample analysis will be provided according to the standard EEA/Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.

eurofins | Eaton Analytical

LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

This report may not be reproduced, except in full, without written approval from EEA.

STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN00035	New Jersey*	IN598
Colorado Radiochemistry	IN00035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-18-12
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA014	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

*NELAP/TNI Recognized Accreditation Bodies

Revision date: 03/14/2019

eurofins | Eaton Analytical

110 South Hill Street
South Bend, IN 46617
Tel: (574) 233-4777
Fax: (574) 233-8207
1 800 332 4345

Laboratory Report

Client: City of Benton Harbor

Attn: Michael O'Malley
200 East Wall Street
Benton Harbor, MI 49002

Report: 473903
Priority: Standard Written
Status: Final
PWS ID: MI600

Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4516476	JPb 4 Sample 1	200.8	12/11/19 07:15	Client	12/17/19 12:35
4516477	JPb 4 Sample 5	200.8	12/11/19 07:15	Client	12/17/19 12:35
4516478	CCNPb 5 Sample 1	200.8	12/12/19 06:30	Client	12/17/19 12:35
4516479	CCNPb 5 Sample 5	200.8	12/12/19 06:30	Client	12/17/19 12:35
4516480	SCT 1 Sample 1	200.8	12/13/19 07:00	Client	12/17/19 12:35
4516481	SCT 1 Sample 5	200.8	12/13/19 07:00	Client	12/17/19 12:35
4516482	SCT 3 Sample 1	200.8	12/13/19 05:30	Client	12/17/19 12:35
4516483	SCT 3 Sample 5	200.8	12/13/19 05:30	Client	12/17/19 12:35
4516484	SCT 5 Sample 1	200.8	12/13/19 06:00	Client	12/17/19 12:35
4516485	SCT 5 Sample 5	200.8	12/13/19 06:00	Client	12/17/19 12:35
4516486	CCNPb 31 Sample 1	200.8	12/16/19 08:00	Client	12/17/19 12:35
4516487	CCNPb 31 Sample 5	200.8	12/16/19 08:00	Client	12/17/19 12:35
4516488	JPb 27 Sample 1	200.8	12/11/19 07:00	Client	12/17/19 12:35
4516489	JPb 27 Sample 5	200.8	12/11/19 07:00	Client	12/17/19 12:35
4516490	CCNPb 1 Sample 1	200.8	12/11/19 06:00	Client	12/17/19 12:35
4516491	CCNPb 1 Sample 5	200.8	12/11/19 06:00	Client	12/17/19 12:35
4516492	CCNPb 16 Sample 1	200.8	12/16/19 08:05	Client	12/17/19 12:35
4516493	CCNPb 16 Sample 5	200.8	12/16/19 08:05	Client	12/17/19 12:35

Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Pat Muff at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

Pat Mueller ASM 12/26/2019

Authorized Signature Title Date

Client Name: City of Benton Harbor
Report #: 473903

Client Name: City of Benton Harbor Report #: 473903

Sampling Point: JPb 4 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**15**	ug/L	---	12/19/19 17:14	4516476
7439-92-1	Lead	200.8	15 !	1.0	**9.2**	ug/L	---	12/19/19 17:14	4516476

Sampling Point: JPb 4 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.5**	ug/L	---	12/19/19 17:16	4516477
7439-92-1	Lead	200.8	15 !	1.0	**6.3**	ug/L	---	12/19/19 17:16	4516477

Sampling Point: CCNPb 5 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.5**	ug/L	---	12/19/19 17:20	4516478
7439-92-1	Lead	200.8	15 !	1.0	**3.6**	ug/L	---	12/19/19 17:20	4516478

Sampling Point: CCNPb 5 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**4.0**	ug/L	---	12/19/19 17:22	4516479
7439-92-1	Lead	200.8	15 !	1.0	**2.2**	ug/L	---	12/19/19 17:22	4516479

Sampling Point: SCT 1 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**3.4**	ug/L	---	12/19/19 17:26	4516480
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/19/19 17:26	4516480

Sampling Point: SCT 1 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.4**	ug/L	---	12/19/19 17:28	4516481
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/19/19 17:28	4516481

Sampling Point: SCT 3 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**3.0**	ug/L	---	12/19/19 17:30	4516482
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/19/19 17:30	4516482

Sampling Point: SCT 3 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.0**	ug/L	---	12/19/19 17:32	4516483
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/19/19 17:32	4516483

Sampling Point: SCT 5 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**7.1**	ug/L	---	12/19/19 17:33	4516484
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/19/19 17:33	4516484

Sampling Point: SCT 5 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**6.0**	ug/L	---	12/19/19 17:35	4516485
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/19/19 17:35	4516485

Client Name: City of Benton Harbor Report #: 473903

Sampling Point: CCNPb 31 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**28**	ug/L	---	12/19/19 17:36	4516486
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/19/19 17:36	4516486

Sampling Point: CCNPb 31 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.0**	ug/L	---	12/19/19 17:38	4516487
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	12/19/19 17:38	4516487

Sampling Point: JPb 27 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**5.1**	ug/L	---	12/22/19 21:31	4516488
7439-92-1	Lead	200.8	15 !	1.0	**33**	ug/L	---	12/22/19 21:31	4516488

Sampling Point: JPb 27 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.8**	ug/L	---	12/22/19 21:40	4516489
7439-92-1	Lead	200.8	15 !	1.0	**21**	ug/L	---	12/22/19 21:40	4516489

Sampling Point: CCNPb 1 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**4.1**	ug/L	---	12/22/19 21:43	4516490
7439-92-1	Lead	200.8	15 !	1.0	**4.9**	ug/L	---	12/22/19 21:43	4516490

Client Name: City of Benton Harbor Report #: 473903

Sampling Point: CCNPb 1 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.8**	ug/L	---	12/22/19 21:46	4516491
7439-92-1	Lead	200.8	15 !	1.0	**11**	ug/L	---	12/22/19 21:46	4516491

Sampling Point: CCNPb 16 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**18**	ug/L	---	12/22/19 21:49	4516492
7439-92-1	Lead	200.8	15 !	1.0	**3.7**	ug/L	---	12/22/19 21:49	4516492

Sampling Point: CCNPb 16 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.9**	ug/L	---	12/22/19 21:52	4516493
7439-92-1	Lead	200.8	15 !	1.0	**14**	ug/L	---	12/22/19 21:52	4516493

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

Reg Limit Type:	MCL	SMCL	AL
Symbol:	*	^	!

Lab Definitions

Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC) - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

Internal Standards (IS) - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

Laboratory Duplicate (LD) - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS) - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB) - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB) - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD) - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM) - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV) - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS) - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

Surrogate Standard (SS) / Surrogate Analyte (SUR) - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

eurofins | Eaton Analytical

110 S. Hill Street
South Bend, IN 46617
T: 1.800.332.4345
F: 1.574.233.8207

Order # 387458
Batch # 473903

www.EurofinsUS.com/Eaton

CHAIN OF CUSTODY RECORD

Shaded area for EEA use only

REPORT TO:	SAMPLER (Signature)	PWS ID #	STATE (sample origin)	PROJECT NAME	PO#
Mike O'Malley; momalley@cityofbentonharbormi.gov		600	MI	Lead and Copper Testing 3rd to EEA for end of 2019	S04696
BILL TO: Mike O'Malley; momalley@cityofbentonharbormi.gov	COMPLIANCE MONITORING: Yes = yes; No =	POPULATION SERVED: 9,639	SOURCE WATER: Lake Michigan		

	LAB Number (1st draw)	COLLECTION DATE	TIME	AM	PM	SAMPLING SITE (5th draw)	TEST NAME	SAMPLE REMARKS	CHLORINATED YES	CHLORINATED NO	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
1	4516,476	12/11/19	7:15	x		JPb 4 — 4516,477 pH72	Lead & Copper 1st & 5th draw 2 samples each code	1st and 5th draw	x		2	sw	sw
2	478	12/12/19	6:30	x		CCNPb 5 — 479 pH72	Lead & Copper 1st & 5th draw 2 samples each code	1st and 5th draw	x		2	sw	sw
3	480	12/13/19	7:00	x		SCT 1 — 481 pH72	Lead & Copper 1st & 5th draw 2 samples each code	1st and 5th draw	x		2	sw	sw
4	482	12/13/19	5:30	x		SCT 3 — 483 pH72	Lead & Copper 1st & 5th draw 2 samples each code	1st and 5th draw	x		2	sw	sw
5	484	12/13/19	6:00	x		SCT 5 — 485 pH72	Lead & Copper 1st & 5th draw 2 samples each code	1st and 5th draw	x		2	sw	sw
6	486	12/16/19	8:00	x		CCNPb 31 — 487 pH72	Lead & Copper 1st & 5th draw 2 samples each code	1st and 5th draw	x		2	sw	sw
7	488	12/11/19	7:00	x		JPb 27 — 489 pH72	Lead & Copper 1st & 5th draw 2 samples each code	1st and 5th draw	x		2	sw	sw
8	490	12/11/19	6:00	x		CCNPb 1 — 491 pH72	Lead & Copper 1st & 5th draw 2 samples each code	1st and 5th draw	x		2	sw	sw
9	492	12/16/19	8:05	x		CCNPb 16 — 493 pH72	Lead & Copper 1st & 5th draw 2 samples each code	1st and 5th draw	x		2	sw	sw
10						SS 12-17-19							
11													
12													
13													
14													

RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
	12/17/19	11:30 AM PM		12/19/19	11:30 AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
	12/19/19	12:35 AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME
		AM PM		12-17-19	1235 AM PM

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

LAB COMMENTS: Client Provided Sample Container

CONDITIONS UPON RECEIPT (check one): ____ Iced: Wet/Blue X Ambient ____ °C Upon Receipt X N/A

MATRIX CODES:

DW-DRINKING WATER
RW-REAGENT WATER
GW-GROUND WATER
EW-EXPOSURE WATER
SW-SURFACE WATER
PW-POOL WATER
WW-WASTE WATER

TURN-AROUND TIME (TAT) - SURCHARGES

SW = Standard Written: (15 working days) 0%
RV* = Rush Verbal: (5 working days) 50%
RW* = Rush Written: (5 working days) 75%
IV* = Immediate Verbal: (3 working days) 100%
IW* = Immediate Written: (3 working days) 125%
SP* = Weekend, Holiday CALL
STAT* = Less than 48 hours CALL

* Please call, expedited service not available for all testing

Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.

Sample analysis will be provided according to the standard EEA/Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.

BENTON HARBOR
Port of Opportunities

PURCHASE REQUISITION

~~Fresh water Future~~

TO BE FILLED IN BY
PURCHASING AGENT

PURCHASE ORDER# _____

_____ 20 _____

REQUISITION #: S 04696

DATE: 12/17/19

PURCHASING AGENT: _____

VENDOR: Eurofins Eaton Analytical

591.570.9~~4~~0 Water Plant Supply DEPARTMENT

CONTACT NAME: _____

ACCOUNT	WHERE USED	QUANTITY	DESCRIPTION	UNIT PRICE ESTIMATE	UNIT PRICE QUOTED	EXTENSION	TRADE DISCOUNT	NET PRICE
		9	Sets Sample 1 & 5 for lead & copper					
		18	90 lead & Copper tests		30.00		$	540.00

TERM: _____

APPROVAL SIGNATURE: _____

Printed & Printed by Berrien County Printing

eurofins | Eaton Analytical

LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

This report may not be reproduced, except in full, without written approval from EEA.

STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN00035	New Jersey*	IN598
Colorado Radiochemistry	IN00035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-18-12
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA014	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
EPA	IN00035		

*NELAP/TNI Recognized Accreditation Bodies

Revision date: 03/14/2019

eurofins | Eaton Analytical

110 South Hill Street
South Bend, IN 46617
Tel: (574) 233-4777
Fax: (574) 233-8207
1 800 332 4345

Laboratory Report

Client: City of Benton Harbor

Attn: Michael O'Malley
200 East Wall Street
Benton Harbor, MI 49002

Report: 474452
Priority: Standard Written
Status: Final
PWS ID: MI600

Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4523023	CCNPb 17 Sample 1	200.8	12/17/19 08:05	Client	12/23/19 10:35
4523024	CCNPb 17 Sample 5	200.8	12/17/19 08:05	Client	12/23/19 10:35
4523025	TGPb 1 Sample 1	200.8	12/18/19 06:39	Client	12/23/19 10:35
4523026	TGPb 1 Sample 5	200.8	12/18/19 06:39	Client	12/23/19 10:35
4523027	EPDPb 8 Sample 1	200.8	12/19/19 06:40	Client	12/23/19 10:35
4523028	EPDPb 8 Sample 5	200.8	12/19/19 06:40	Client	12/23/19 10:35
4523029	EPDPb 9 Sample 1	200.8	12/19/19 06:10	Client	12/23/19 10:35
4523030	EPDPb 9 Sample 5	200.8	12/19/19 06:10	Client	12/23/19 10:35
4523031	JPb 39 Sample 1	200.8	12/18/19 06:15	Client	12/23/19 10:35
4523032	JPb 39 Sample 5	200.8	12/18/19 06:15	Client	12/23/19 10:35
4523033	EPDPb 1 Sample 1	200.8	12/20/19 06:15	Client	12/23/19 10:35
4523034	EPDPb 1 Sample 5	200.8	12/20/19 06:15	Client	12/23/19 10:35
4523041	EPDPb 4 Sample 1	200.8	12/21/19 08:00	Client	12/23/19 10:35
4523042	EPDPb 4 Sample 5	200.8	12/21/19 08:00	Client	12/23/19 10:35

Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Pat Muff at (574) 233-4777.

Note: This report may not be reproduced, except in full, without written approval from EEA.

Pat Muff ASM 01/06/2020

Authorized Signature Title Date

Client Name: City of Benton Harbor
Report #: 474452

Client Name: City of Benton Harbor Report #: 474452

Sampling Point: CCNPb 17 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**4.0**	ug/L	---	01/03/20 11:46	4523023
7439-92-1	Lead	200.8	15 !	1.0	**5.6**	ug/L	---	01/03/20 11:46	4523023

Sampling Point: CCNPb 17 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.6**	ug/L	---	01/03/20 11:47	4523024
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	01/03/20 11:47	4523024

Sampling Point: TGPb 1 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.2**	ug/L	---	01/03/20 11:49	4523025
7439-92-1	Lead	200.8	15 !	1.0	**2.3**	ug/L	---	01/03/20 11:49	4523025

Sampling Point: TGPb 1 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	< 1.0	ug/L	---	01/03/20 11:51	4523026
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	01/03/20 11:51	4523026

Sampling Point: EPDPb 8 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**4.8**	ug/L	---	01/03/20 12:01	4523027
7439-92-1	Lead	200.8	15 !	1.0	**19**	ug/L	---	01/03/20 12:01	4523027

Client Name: City of Benton Harbor Report #: 474452

Sampling Point: EPDPb 8 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.2**	ug/L	---	01/03/20 12:03	4523028
7439-92-1	Lead	200.8	15 !	1.0	**40**	ug/L	---	01/03/20 12:03	4523028

Sampling Point: EPDPb 9 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**6.7**	ug/L	---	01/03/20 12:09	4523029
7439-92-1	Lead	200.8	15 !	1.0	**18**	ug/L	---	01/03/20 12:09	4523029

Sampling Point: EPDPb 9 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.6**	ug/L	---	01/03/20 12:12	4523030
7439-92-1	Lead	200.8	15 !	1.0	**11**	ug/L	---	01/03/20 12:12	4523030

Sampling Point: JPb 39 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**8.6**	ug/L	---	01/03/20 12:14	4523031
7439-92-1	Lead	200.8	15 !	1.0	**10**	ug/L	---	01/03/20 12:14	4523031

Sampling Point: JPb 39 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**3.4**	ug/L	---	01/03/20 12:16	4523032
7439-92-1	Lead	200.8	15 !	1.0	**7.8**	ug/L	---	01/03/20 12:16	4523032

Client Name: City of Benton Harbor Report #: 474452

Sampling Point: EPDPb 1 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**4.9**	ug/L	---	01/03/20 12:17	4523033
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	01/03/20 12:17	4523033

Sampling Point: EPDPb 1 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**1.6**	ug/L	---	01/03/20 12:19	4523034
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	01/03/20 12:19	4523034

Sampling Point: EPDPb 4 Sample 1 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**3.6**	ug/L	---	01/03/20 12:21	4523041
7439-92-1	Lead	200.8	15 !	1.0	**19**	ug/L	---	01/03/20 12:21	4523041

Sampling Point: EPDPb 4 Sample 5 PWS ID: MI600

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	**2.0**	ug/L	---	01/03/20 12:23	4523042
7439-92-1	Lead	200.8	15 !	1.0	**30**	ug/L	---	01/03/20 12:23	4523042

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

Reg Limit Type:	MCL	SMCL	AL
Symbol:	*	^	!

Lab Definitions

Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC) - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

Internal Standards (IS) - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

Laboratory Duplicate (LD) - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS) - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB) - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB) - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD) - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM) - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV) - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS) - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

Surrogate Standard (SS) / Surrogate Analyte (SUR) - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.

eurofins | Eaton Analytical

Rey

110 S. Hill Street
South Bend, IN 46617
T: 1.800.332.4345
F: 1.574.233.8207

Order # 387458

Batch # 474452

www.EurofinsUS.com/Eaton

CHAIN OF CUSTODY RECORD

Page 1 of 1

Shaded area for EEA use only

REPORT TO:	SAMPLER (Signature)	PWS ID #	STATE (sample origin)	PROJECT NAME	PO#
Mike O'Malley; momalley@cityofbentonharbormi.gov	Local Residents	600	MI	Lead Copper Last Sampling	Rey S04261
BILL TO: Mike O'Malley; momalley@cityofbentonharbormi.gov	COMPLIANCE MONITORING: Yes ✓ / No	POPULATION SERVED: 9,639	SOURCE WATER: Lake Michigan		

	LAB Number	COLLECTION DATE	TIME	AM	PM	SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED YES	CHLORINATED NO	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
1	Sample 1 4523.023	12/17/19	8:05	x		CCNPb 17 Sample 5 4523.024	Lead and Copper Each location has 1st and 5th draw	1st & 5th draw	x		2	SW	SW
2	025	12/18/19	6:39	x		TGPb 1 026	Lead and Copper Each location has 1st and 5th draw	1st & 5th draw	x		2	SW	SW
3	027	12/19/19	6:40	x		EPDPb 8 028	Lead and Copper Each location has 1st and 5th draw	1st & 5th draw	x		2	SW	SW
4	029	12/19/19	6:10	x		EPDPb 9 030	Lead and Copper Each location has 1st and 5th draw	1st & 5th draw	x		2	SW	SW
5	031	12/18/19	6:15	x		JPb 39 032	Lead and Copper Each location has 1st and 5th draw	1st & 5th draw	x		2	SW	SW
6	033	12/20/19	6:15	x		EPDPb 1 034	Lead and Copper Each location has 1st and 5th draw	1st & 5th draw	x		2	SW	SW
7	041	12/21/19	8:00	x		EPDPb 4 042	Lead and Copper Each location has 1st and 5th draw	1st & 5th draw	x		2	SW	SW
8													
9													
10													
11													
12													
13													
14													

Client Provided Sample Container

RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
	12/20/19	9:00 AM PM		12/23/19	9:00 AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
	12/23/19	10:35 AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME
		AM PM		12-23-19	1035 AM PM

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

LAB COMMENTS: all samples pH 72 and will be preserved upon receipt SS 12-23-19

CONDITIONS UPON RECEIPT (check one): ___ Iced: Wet/Blue X Ambient ___ °C Upon Receipt X N/A

MATRIX CODES:

DW-DRINKING WATER
RW-REAGENT WATER
GW-GROUND WATER
EW-EXPOSURE WATER
SW-SURFACE WATER
PW-POOL WATER
WW-WASTE WATER

TURN-AROUND TIME (TAT) - SURCHARGES

SW = Standard Written: (15 working days)	0%	IV* = Immediate Verbal: (3 working days)	100%
RV* = Rush Verbal: (5 working days)	50%	IW* =Immediate Written: (3 working days)	125%
RW* = Rush Written: (5 working days)	75%	SP* = Weekend, Holiday	CALL
		STAT* = Less than 48 hours	CALL

* Please call, expedited service not available for all testing

Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.

Sample analysis will be provided according to the standard EEA/Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47947
Work Order: 90700523_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB29B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	05:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.014	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47948
Work Order: 90700523_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB29B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	05:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.018	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47949
Work Order: 90700524_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	MIKE O`MALLEY	Site Code:	JPB15B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	06:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.009	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47950
Work Order: 90700524_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB15B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	06:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.008	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47951
Work Order: 90700525_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB55B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	08:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

Sample Comment **LI47951** **Sample did not meet collection volume requirements for test code CCUB when received at the lab. Container was not filled to the base of the neck per sample collection instructions. Result(s) may not be accepted for compliance purposes.**

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47952
Work Order: 90700525_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB55B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	07/03/2019	06:26
Sample Point:	KITCHEN SINK FIFTH	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

Sample Comment **LI47952** **Sample did not meet collection volume requirements for test code CCUB when received at the lab. Container was not filled to the base of the neck per sample collection instructions. Result(s) may not be accepted for compliance purposes.**

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47953
Work Order: 90700526_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB6B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	16:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47954
Work Order: 90700526_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB6B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	16:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47955
Work Order: 90700527_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB14B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	07:45
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.006	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47956
Work Order: 90700527_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB14B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	07:45
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47957
Work Order: 90700528_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB24B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	07:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47958
Work Order: 90700528_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB24B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	07:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47959
Work Order: 90700529_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB17B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	21:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47960
Work Order: 90700529_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB17B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	04:53
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47961
Work Order: 90700530_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB47B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/24/2019	23:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.044	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47962
Work Order: 90700530_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB47B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	06:35
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.023	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47963
Work Order: 90700531_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB1B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	07:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47964
Work Order: 90700531_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB1B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	07:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47965
Work Order: 90700532_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB50B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	08:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.010	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47966
Work Order: 90700532_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB50B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	08:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.036	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47967
Work Order: 90700533_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB34B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/29/2019	08:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47968
Work Order: 90700533_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB34B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/29/2019	08:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47969
Work Order: 90700534_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB28B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	18:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47970
Work Order: 90700534_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB28B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	05:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47971
Work Order: 90700535_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB49B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/24/2019	22:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.011	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47972
Work Order: 90700535_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB49B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	04:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.019	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47973
Work Order: 90700536_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB26B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	06:15
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.05	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47974
Work Order: 90700536_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB26B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	06:15
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.06	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47975
Work Order: 90700537_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB33B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	09:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.015	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47976
Work Order: 90700537_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB33B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	09:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.006	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47977
Work Order: 90700538_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB22B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	17:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47978
Work Order: 90700538_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB22B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	17:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47979
Work Order: 90700539_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB60B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	12:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47980
Work Order: 90700539_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB60B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	12:15
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.021	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47981
Work Order: 90700540_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB51B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/24/2019	19:10
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.012	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47982
Work Order: 90700540_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB51B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/24/2019	19:10
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:16
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.017	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47983
Work Order: 90700541_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB42B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	12:45
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47984
Work Order: 90700541_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB42B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	12:45
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47985
Work Order: 90700542_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL STREET,BENTON HARBO	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB44B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	06:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47986
Work Order: 90700542_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB44B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	06:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47987
Work Order: 90700543_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB48B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	19:07
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47988
Work Order: 90700543_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB48B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	19:07
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47989
Work Order: 90700544_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB43B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	05:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47990
Work Order: 90700544_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB43B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	05:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47991
Work Order: 90700545_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB38B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/24/2019	23:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47992
Work Order: 90700545_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB38B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/24/2019	23:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47993
Work Order: 90700546_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB20B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	19:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47994
Work Order: 90700546_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB20B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	19:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.012	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47995
Work Order: 90700547_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB8B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	05:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.022	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47996
Work Order: 90700547_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB8B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	15:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.024	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47997
Work Order: 90700548_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB23B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	07:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47998
Work Order: 90700548_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB23B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	07:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI47999
Work Order: 90700549_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB40B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/28/2019	08:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48000
Work Order: 90700549_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB40B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/28/2019	08:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48001
Work Order: 90700550_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB52B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	12:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48002
Work Order: 90700550_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB52B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	12:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48003
Work Order: 90700551_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB54B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	07:45
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.011	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48004
Work Order: 90700551_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB54B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	07:45
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48005
Work Order: 90700552_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB58B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	06:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48006
Work Order: 90700552_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB58B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	06:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48007
Work Order: 90700553_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB9B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	06:15
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48008
Work Order: 90700553_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB9B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	06:15
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48009
Work Order: 90700554_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB5B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	20:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48010
Work Order: 90700554_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB5B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	20:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48011
Work Order: 90700555_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB32B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	09:45
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.013	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48012
Work Order: 90700555_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB32B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	09:45
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.021	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48013
Work Order: 90700556_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB11B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	13:20
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.031	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48014
Work Order: 90700556_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB11B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	13:20
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.008	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48015
Work Order: 90700557_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB7B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	07:07
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.022	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48016
Work Order: 90700557_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB7B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	07:07
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.035	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48017
Work Order: 90700558_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB39B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	07:15
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.023	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48018
Work Order: 90700558_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB39B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	07:15
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.008	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48019
Work Order: 90700559_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB36B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	06:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.013	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48020
Work Order: 90700559_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB36B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	06:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48021
Work Order: 90700560_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB19B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	16:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48022
Work Order: 90700560_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB19B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	16:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48023
Work Order: 90700561_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB18B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	00:01
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48024
Work Order: 90700561_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB18B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	06:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48025
Work Order: 90700562_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB16B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	08:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48026
Work Order: 90700562_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB16B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	08:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48027
Work Order: 90700563_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB37B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	07:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48028
Work Order: 90700563_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB37B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	07:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48029
Work Order: 90700564_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB27B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	13:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.059	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48030
Work Order: 90700564_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB27B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	13:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.029	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48031
Work Order: 90700565_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB4B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	12:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.014	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48032
Work Order: 90700565_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB4B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	06:40
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.012	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48033
Work Order: 90700566_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB13B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	06:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48034
Work Order: 90700566_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB13B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/27/2019	22:50
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.008	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48035
Work Order: 90700567_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB30B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	10:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.006	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48036
Work Order: 90700567_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB30B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	10:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48037
Work Order: 90700568_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB41B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	06:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48038
Work Order: 90700568_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB41B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/26/2019	06:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48039
Work Order: 90700569_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB46B1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	18:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.10	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.012	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI48040
Work Order: 90700569_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	JPB46B5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	06/25/2019	18:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	07/03/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/08/2019	1.3	EPA 200.8	7440-50-8
Lead	0.012	mg/L	0.001	07/08/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL STREET
BENTON HARBOR MI 49022

Sample ID: LI74907
Work Order: 91100584_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL STREET,BENTON HARBO	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB 2-51	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/29/2019	08:45
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	11/05/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL STREET
BENTON HARBOR MI 49022

Sample ID: LI74908
Work Order: 91100584_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL STREET,BENTON HARBO	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB2-S 5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/29/2019	09:15
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	11/05/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL STREET
BENTON HARBOR MI 49022

Sample ID: LI74909
Work Order: 91100585_01

System Name/Owner:	BENTON HARBOR COMPLIANCE	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL STREET,BENTON HARBO	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB 3-S1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	11/01/2019	09:15
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	11/05/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL STREET
BENTON HARBOR MI 49022

Sample ID: LI74910
Work Order: 91100585_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL STREET,BENTON HARBO	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB 3-S5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	11/01/2019	09:15
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	11/05/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL STREET
BENTON HARBOR MI 49022

Sample ID: LI74911
Work Order: 91100586_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL STREET,BENTON HARBO	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB13-5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	11/01/2019	06:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	11/05/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL STREET
BENTON HARBOR MI 49022

Sample ID: LI74912
Work Order: 91100586_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600
Collection Address:	200 EAST WALL STREET,BENTON HARBO	Source:	TYPE I
Collected By:	RESIDENT	Site Code:	OCTPB 1-51
Township/Well#/Section:	//	Collector:	Other
County:	Berrien	Date Collected:	11/01/2019
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	11/05/2019 13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI74913
Work Order: 91100587_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB6-5 5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/29/2019	08:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	11/05/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI74914
Work Order: 91100587_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB6 S1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/29/2019	08:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	11/05/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI74915
Work Order: 91100588_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB5 S5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/26/2019	07:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	11/05/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI74916
Work Order: 91100588_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB 5 S-1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/26/2019	07:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	11/05/2019	13:22
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI74917
Work Order: 91100589_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB 13 S5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/28/2019	06:30
Sample Point:	KITCHEN SINK	Date Received:	11/05/2019	13:23
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

Sample Comment LI74917 **Sample was received at the laboratory for test code CCUB and was not accepted for testing, due to low sample volume submitted. Container must be filled to the base of the neck, per sample collection instructions.**

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
^^^ NOT TESTED^^^	Not Tested			11/05/2019			NOTST-00-C

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI74918
Work Order: 91100589_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB 13 S1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/28/2019	06:30
Sample Point:	KITCHEN SINK	Date Received:	11/05/2019	13:23
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

Sample Comment LI74918 Sample could not be analyzed for test code CCUB, due to sample LI74917 not being tested.

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
^^^ NOT TESTED^^^	Not Tested			11/05/2019			NOTST-00-C

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI74927
Work Order: 91100592_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB10 S5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/25/2019	15:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	11/05/2019	13:25
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI74928
Work Order: 91100592_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB 10 S1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/25/2019	15:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	11/05/2019	13:25
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI74929
Work Order: 91100593_01

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB 9 S5	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/29/2019	05:15
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	11/05/2019	13:25
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: MIKE O`MALLEY
200 EAST WALL ST
BENTON HARBOR MI 49022

Sample ID: LI74930
Work Order: 91100593_02

System Name/Owner:	BENTON HARBOR COMPLIANCE 2019	WSSN/Pool ID:	600	
Collection Address:	200 EAST WALL ST,BENTON HARBOR	Source:	TYPE I	
Collected By:	RESIDENT	Site Code:	OCTPB S1	
Township/Well#/Section:	//	Collector:	Other	
County:	Berrien	Date Collected:	10/29/2019	05:15
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	11/05/2019	13:25
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	11/06/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	11/06/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

PARAGON Laboratories

July 30, 2019

Aaron Filipski
Birmingham WDS
851 S. Eton
Birmingham, MI 48009

RE: Workorder: 355643

Dear Aaron Filipski:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 355643 BIRMINGHAM-072219

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3556430001	556 W. Maple- 1st Liter	WSSN: 0730	Drinking	7/18/2019 09:00	7/22/2019 13:37	Client
3556430002	556 W. Maple- 5th Liter	WSSN: 0730	Drinking	7/18/2019 09:00	7/22/2019 13:37	Client
3556430003	255 Linden- 1st Liter	WSSN: 0730	Drinking	7/16/2019 05:40	7/22/2019 13:37	Client
3556430004	255 Linden- 5th Liter	WSSN: 0730	Drinking	7/16/2019 05:40	7/22/2019 13:37	Client
3556430005	384 Chesterfield- 1st Liter	WSSN: 0730	Drinking	7/16/2019 08:50	7/22/2019 13:37	Client
3556430006	384 Chesterfield- 5th Liter	WSSN: 0730	Drinking	7/16/2019 08:50	7/22/2019 13:37	Client
3556430007	319 Puritan- 1st Liter	WSSN: 0730	Drinking	7/16/2019 03:50	7/22/2019 13:37	Client
3556430008	319 Puritan- 5th Liter	WSSN: 0730	Drinking	7/16/2019 03:50	7/22/2019 13:37	Client
3556430009	364 Puritan- 1st Liter	WSSN: 0730	Drinking	7/17/2019 06:00	7/22/2019 13:37	Client
3556430010	364 Puritan- 5th Liter	WSSN: 0730	Drinking	7/17/2019 06:00	7/22/2019 13:37	Client
3556430011	271 Chesterfield- 1st Liter	WSSN: 0730	Drinking	7/22/2019 08:10	7/22/2019 13:37	Client
3556430012	271 Chesterfield- 5th Liter	WSSN: 0730	Drinking	7/22/2019 08:10	7/22/2019 13:37	Client
3556430013	264 Larchlea- 1st Liter	WSSN: 0730	Drinking	7/19/2019 06:00	7/22/2019 13:37	Client
3556430014	264 Larchlea- 5th Liter	WSSN: 0730	Drinking	7/19/2019 06:00	7/22/2019 13:37	Client
3556430015	484 W. Maple- 1st Liter	WSSN: 0730	Drinking	7/19/2019 10:00	7/22/2019 13:37	Client
3556430016	484 W. Maple- 5th Liter	WSSN: 0730	Drinking	7/19/2019 10:00	7/22/2019 13:37	Client
3556430017	268 Pilgrim- 1st Liter	WSSN: 0730	Drinking	7/19/2019 15:00	7/22/2019 13:37	Client
3556430018	268 Pilgrim- 5th Liter	WSSN: 0730	Drinking	7/19/2019 15:00	7/22/2019 13:37	Client

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 355643 BIRMINGHAM-072219

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 21.2°C on July 22, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430001** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 556 W. Maple- 1st Liter Date Collected: 7/18/2019 09:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.039	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0070	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430002** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 556 W. Maple- 5th Liter Date Collected: 7/18/2019 09:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.013	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0040	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430003** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 255 Linden- 1st Liter Date Collected: 7/16/2019 05:40

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total	1	0.92	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total	H2	0.15	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430004** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 255 Linden- 5th Liter Date Collected: 7/16/2019 05:40

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.011	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0018	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430005** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 384 Chesterfield- 1st Liter Date Collected: 7/16/2019 08:50

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.061	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0026	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430006** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 384 Chesterfield- 5th Liter Date Collected: 7/16/2019 08:50

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0099	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0046	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430007** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 319 Puritan- 1st Liter Date Collected: 7/16/2019 03:50

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.084	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0013	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430008** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 319 Puritan- 5th Liter Date Collected: 7/16/2019 03:50

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.030	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0013	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430009** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 364 Puritan- 1st Liter Date Collected: 7/17/2019 06:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.25	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0036	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430010** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 364 Puritan- 5th Liter Date Collected: 7/17/2019 06:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.095	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0044	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430011** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 271 Chesterfield- 1st Liter Date Collected: 7/22/2019 08:10

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.072	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0021	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430012** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 271 Chesterfield- 5th Liter Date Collected: 7/22/2019 08:10

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.039	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0020	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430013** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 264 Larchlea- 1st Liter Date Collected: 7/19/2019 06:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.14	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0037	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430014** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 264 Larchlea- 5th Liter Date Collected: 7/19/2019 06:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.037	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0029	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430015** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 484 W. Maple- 1st Liter Date Collected: 7/19/2019 10:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.12	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0028	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430016** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 484 W. Maple- 5th Liter Date Collected: 7/19/2019 10:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.018	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total	H	0.019	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430017** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 268 Pilgrim- 1st Liter Date Collected: 7/19/2019 15:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.11	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0072	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355643 BIRMINGHAM-072219

Lab ID: **3556430018** Date Received: 7/22/2019 13:37 Matrix: Drinking Water (Potable)

Sample ID: 268 Pilgrim- 5th Liter Date Collected: 7/19/2019 15:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.059	mg/L	0.0050	1		1.3	7/24/2019 11:56	MKK
Lead, Total		0.0050	mg/L	0.0010	1		0.015	7/24/2019 11:56	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 355643 BIRMINGHAM-072219

PARAMETER QUALIFIERS

Lab ID: 3556430003

1	Matrix spike recovery is outside the acceptance criteria. Matrix interference suspected. Result may be biased low.
2	Matrix spike recovery is outside the acceptance criteria. Matrix interference suspected. Result may be biased low.
H	Result (or RL) is above Max limit.

Lab ID: 3556430016

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

August 2, 2019

Aaron Filipski
Birmingham WDS
851 S. Eton
Birmingham, MI 48009

RE: Workorder: 355804

Dear Aaron Filipski:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 355804 BIRMINGHAM-072919

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3558040001	588 Cherry Ct. - 1 Liter		Drinking	7/26/2019 14:42	7/29/2019 15:00	Client
3558040002	588 Cherry Ct. - 5 Liter		Drinking	7/26/2019 14:42	7/29/2019 15:00	Client
3558040003	824 Wimbleton - 1 Liter		Drinking	7/26/2019 07:30	7/29/2019 15:00	Client
3558040004	824 Wimbleton - 5 Liter		Drinking	7/26/2019 07:30	7/29/2019 15:00	Client
3558040005	512 madison - 1 Liter		Drinking	7/22/2019 05:30	7/29/2019 15:00	Client
3558040006	512 Madison - 5 Liter		Drinking	7/22/2019 05:30	7/29/2019 15:00	Client
3558040007	111 Abbey - 1 Liter		Drinking	7/21/2019 14:10	7/29/2019 15:00	Client
3558040008	111 Abbey - 5 Liter		Drinking	7/21/2019 14:10	7/29/2019 15:00	Client
3558040009	528 W. Frank - 1 Liter		Drinking	7/25/2019 19:00	7/29/2019 15:00	Client
3558040010	528 W. Frank - 5 liter		Drinking	7/25/2019 19:00	7/29/2019 15:00	Client
3558040011	828 W. Lincoln - 1st Liter		Drinking	7/29/2019 07:10	7/29/2019 15:00	Client
3558040012	828 W. Lincoln - 5th Liter		Drinking	7/29/2019 07:10	7/29/2019 15:00	Client
3558040013	783 Pilgrim - 1st Liter		Drinking	7/27/2019 09:00	7/29/2019 15:00	Client
3558040014	783 Pilgrim - 5th Liter		Drinking	7/27/2019 09:00	7/29/2019 15:00	Client

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 355804 BIRMINGHAM-072919

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 24.8°C on July 29, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040001** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 588 Cherry Ct. - 1 Liter Date Collected: 7/26/2019 14:42

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.019	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0013	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040002** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 588 Cherry Ct. - 5 Liter Date Collected: 7/26/2019 14:42

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.017	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0053	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040003** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 824 Wimbleton - 1 Liter Date Collected: 7/26/2019 07:30

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.082	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0015	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040004** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 824 Wimbleton - 5 Liter Date Collected: 7/26/2019 07:30

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0073	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0020	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040005** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 512 madison - 1 Liter Date Collected: 7/22/2019 05:30

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.053	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0012	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040006** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 512 Madison - 5 Liter Date Collected: 7/22/2019 05:30

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.010	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0036	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040007** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 111 Abbey - 1 Liter Date Collected: 7/21/2019 14:10

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.046	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0092	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040008** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 111 Abbey - 5 Liter Date Collected: 7/21/2019 14:10

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0042	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0094	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040009** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 528 W. Frank - 1 Liter Date Collected: 7/25/2019 19:00

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.020	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0022	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040010** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 528 W. Frank - 5 liter Date Collected: 7/25/2019 19:00

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0055	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0022	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040011** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 828 W. Lincoln - 1st Liter Date Collected: 7/29/2019 07:10

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.013	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0024	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040012** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 828 W. Lincoln - 5th Liter Date Collected: 7/29/2019 07:10

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0033	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		0.0082	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040013** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 783 Pilgrim - 1st Liter Date Collected: 7/27/2019 09:00

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.071	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355804 BIRMINGHAM-072919

Lab ID: **3558040014** Date Received: 7/29/2019 15:00 Matrix: Drinking Water (Potable)

Sample ID: 783 Pilgrim - 5th Liter Date Collected: 7/27/2019 09:00

Sample Desc: PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.046	mg/L	0.0010	1		1.3	7/30/2019 11:53	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	7/30/2019 11:53	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

August 9, 2019

Aaron Filipski
Birmingham WDS
851 S. Eton
Birmingham, MI 48009

RE: Workorder: 355927

Dear Aaron Filipski:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 355927 BIRMINGHAM-080219

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3559270001	248 Pilgrim-1st Liter	WSSN: 0730	Drinking	7/30/2019 14:39	8/2/2019 12:37	Client
3559270002	248 Pilgrim-5th Liter	WSSN: 0730	Drinking	7/30/2019 14:39	8/2/2019 12:37	Client
3559270003	759 Purdy-1st Liter	WSSN: 0730	Drinking	7/27/2019 07:00	8/2/2019 12:37	Client
3559270004	759 Purdy-5th Liter	WSSN: 0730	Drinking	7/27/2019 07:00	8/2/2019 12:37	Client
3559270005	763 Wallace-1st Liter	WSSN: 0730	Drinking	7/29/2019 08:30	8/2/2019 12:37	Client
3559270006	763 Wallace-5th Liter	WSSN: 0730	Drinking	7/29/2019 08:30	8/2/2019 12:37	Client
3559270007	1060 Lakepark-1st Liter	WSSN: 0730	Drinking	7/31/2019 05:15	8/2/2019 12:37	Client
3559270008	1060 Lakepark-5th Liter	WSSN: 0730	Drinking	7/31/2019 05:15	8/2/2019 12:37	Client

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 355927 BIRMINGHAM-080219

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 22.4°C on August 2, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355927 BIRMINGHAM-080219

Lab ID: **3559270001** Date Received: 8/2/2019 12:37 Matrix: Drinking Water (Potable)

Sample ID: 248 Pilgrim-1st Liter Date Collected: 7/30/2019 14:39

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.077	mg/L	0.0010	1		1.3	8/6/2019 10:50	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	8/6/2019 10:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355927 BIRMINGHAM-080219

Lab ID: **3559270002** Date Received: 8/2/2019 12:37 Matrix: Drinking Water (Potable)

Sample ID: 248 Pilgrim-5th Liter Date Collected: 7/30/2019 14:39

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.012	mg/L	0.0010	1		1.3	8/6/2019 10:50	MKK
Lead, Total		0.0025	mg/L	0.0010	1		0.015	8/6/2019 10:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355927 BIRMINGHAM-080219

Lab ID: **3559270003** Date Received: 8/2/2019 12:37 Matrix: Drinking Water (Potable)

Sample ID: 759 Purdy-1st Liter Date Collected: 7/27/2019 07:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.076	mg/L	0.0010	1		1.3	8/6/2019 10:50	MKK
Lead, Total		0.0018	mg/L	0.0010	1		0.015	8/6/2019 10:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355927 BIRMINGHAM-080219

Lab ID: **3559270004** Date Received: 8/2/2019 12:37 Matrix: Drinking Water (Potable)

Sample ID: 759 Purdy-5th Liter Date Collected: 7/27/2019 07:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.044	mg/L	0.0010	1		1.3	8/6/2019 10:50	MKK
Lead, Total		0.0019	mg/L	0.0010	1		0.015	8/6/2019 10:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355927 BIRMINGHAM-080219

Lab ID: **3559270005** Date Received: 8/2/2019 12:37 Matrix: Drinking Water (Potable)

Sample ID: 763 Wallace-1st Liter Date Collected: 7/29/2019 08:30

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.041	mg/L	0.0010	1		1.3	8/6/2019 10:50	MKK
Lead, Total		0.0019	mg/L	0.0010	1		0.015	8/6/2019 10:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355927 BIRMINGHAM-080219

Lab ID: **3559270006** Date Received: 8/2/2019 12:37 Matrix: Drinking Water (Potable)

Sample ID: 763 Wallace-5th Liter Date Collected: 7/29/2019 08:30

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0044	mg/L	0.0010	1		1.3	8/6/2019 10:50	MKK
Lead, Total		0.0037	mg/L	0.0010	1		0.015	8/6/2019 10:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355927 BIRMINGHAM-080219

Lab ID: **3559270007** Date Received: 8/2/2019 12:37 Matrix: Drinking Water (Potable)

Sample ID: 1060 Lakepark-1st Liter Date Collected: 7/31/2019 05:15

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.015	mg/L	0.0010	1		1.3	8/6/2019 10:50	MKK
Lead, Total		0.0017	mg/L	0.0010	1		0.015	8/6/2019 10:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355927 BIRMINGHAM-080219

Lab ID: **3559270008** Date Received: 8/2/2019 12:37 Matrix: Drinking Water (Potable)

Sample ID: 1060 Lakepark-5th Liter Date Collected: 7/31/2019 05:15

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0023	mg/L	0.0010	1		1.3	8/6/2019 10:50	MKK
Lead, Total		0.0015	mg/L	0.0010	1		0.015	8/6/2019 10:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

August 16, 2019

Aaron Filipski
Birmingham WDS
851 S. Eton
Birmingham, MI 48009

RE: Workorder: 356145

Dear Aaron Filipski:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356145 BIRMINGHAM-080919

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3561450001	291 Chesterfield- 1st Liter	WSSN: 0730, Grab	Drinking	8/5/2019 13:10	8/9/2019 14:18	Homeowners
3561450002	291 Chesterfield- 5th Liter	WSSN: 0730, Grab	Drinking	8/5/2019 13:10	8/9/2019 14:18	Homeowners
3561450003	368 W Lincoln- 1st Liter	WSSN: 0730, Grab	Drinking	8/6/2019 07:40	8/9/2019 14:18	Homeowners
3561450004	368 W Lincoln-5th Liter	WSSN: 0730, Grab	Drinking	8/6/2019 07:40	8/9/2019 14:18	Homeowners

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356145 BIRMINGHAM-080919

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 24.2°C on August 9, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356145 BIRMINGHAM-080919

Lab ID: **3561450001** Date Received: 8/9/2019 14:18 Matrix: Drinking Water (Potable)

Sample ID: 291 Chesterfield- 1st Liter Date Collected: 8/5/2019 13:10

Sample Desc: WSSN: 0730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.12	mg/L	0.0010	1		1.3	8/12/2019 12:55	DTM
Lead, Total		0.0016	mg/L	0.0010	1		0.015	8/12/2019 12:55	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356145 BIRMINGHAM-080919

Lab ID: **3561450002** Date Received: 8/9/2019 14:18 Matrix: Drinking Water (Potable)

Sample ID: 291 Chesterfield- 5th Liter Date Collected: 8/5/2019 13:10

Sample Desc: WSSN: 0730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.050	mg/L	0.0010	1		1.3	8/12/2019 12:55	DTM
Lead, Total		0.010	mg/L	0.0010	1		0.015	8/12/2019 12:55	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356145 BIRMINGHAM-080919

Lab ID: **3561450003** Date Received: 8/9/2019 14:18 Matrix: Drinking Water (Potable)

Sample ID: 368 W Lincoln- 1st Liter Date Collected: 8/6/2019 07:40

Sample Desc: WSSN: 0730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.26	mg/L	0.0010	1		1.3	8/12/2019 12:55	DTM
Lead, Total		0.0033	mg/L	0.0010	1		0.015	8/12/2019 12:55	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356145 BIRMINGHAM-080919

Lab ID: **3561450004** Date Received: 8/9/2019 14:18 Matrix: Drinking Water (Potable)

Sample ID: 368 W Lincoln-5th Liter Date Collected: 8/6/2019 07:40

Sample Desc: WSSN: 0730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.020	mg/L	0.0010	1		1.3	8/12/2019 12:55	DTM
Lead, Total	H	0.016	mg/L	0.0010	1		0.015	8/12/2019 12:55	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 356145 BIRMINGHAM-080919

PARAMETER QUALIFIERS

Lab ID: 3561450004

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

August 30, 2019

Aaron Filipski
Birmingham WDS
851 S. Eton
Birmingham, MI 48009

RE: Workorder: 356335

Dear Aaron Filipski:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,

Angella C Breitenbeck

Angella Breitenbeck
angellab@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356335 BIRMINGHAM-081619

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3563350001	608 Lakeview- 1st Liter	WSSN: 0730	Drinking	8/14/2019 06:30	8/16/2019 13:11	Homeowners
3563350002	608 Lakeview- 5th Liter	WSSN: 0730	Drinking	8/14/2019 06:30	8/16/2019 13:11	Homeowners
3563350003	967 Ridgedale- 1st Liter	WSSN: 0730	Drinking	8/14/2019 06:30	8/16/2019 13:11	Homeowners
3563350004	967 Ridgedale- 5th Liter	WSSN: 0730	Drinking	8/14/2019 06:30	8/16/2019 13:11	Homeowners
3563350005	907 Ann- 1st Liter	WSSN: 0730	Drinking	8/12/2019 07:30	8/16/2019 13:11	Homeowners
3563350006	907 Ann- 5th Liter	WSSN: 0730	Drinking	8/12/2019 07:30	8/16/2019 13:11	Homeowners
3563350007	948 Oakland- 1st Liter	WSSN: 0730	Drinking	8/14/2019 07:00	8/16/2019 13:11	Homeowners
3563350008	948 Oakland- 5th Liter	WSSN: 0730	Drinking	8/14/2019 07:00	8/16/2019 13:11	Homeowners

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356335 BIRMINGHAM-081619

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 23.4°C on August 16, 2019. No ice was present.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356335 BIRMINGHAM-081619

Lab ID: **3563350001** Date Received: 8/16/2019 13:11 Matrix: Drinking Water (Potable)

Sample ID: 608 Lakeview- 1st Liter Date Collected: 8/14/2019 06:30

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.060	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total		0.0019	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356335 BIRMINGHAM-081619

Lab ID: **3563350002** Date Received: 8/16/2019 13:11 Matrix: Drinking Water (Potable)

Sample ID: 608 Lakeview- 5th Liter Date Collected: 8/14/2019 06:30

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.028	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total		0.0024	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356335 BIRMINGHAM-081619

Lab ID: **3563350003** Date Received: 8/16/2019 13:11 Matrix: Drinking Water (Potable)

Sample ID: 967 Ridgedale- 1st Liter Date Collected: 8/14/2019 06:30

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.022	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total		0.0023	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356335 BIRMINGHAM-081619

Lab ID: **3563350004** Date Received: 8/16/2019 13:11 Matrix: Drinking Water (Potable)

Sample ID: 967 Ridgedale- 5th Liter Date Collected: 8/14/2019 06:30

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0073	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total	H	0.034	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356335 BIRMINGHAM-081619

Lab ID: **3563350005** Date Received: 8/16/2019 13:11 Matrix: Drinking Water (Potable)

Sample ID: 907 Ann- 1st Liter Date Collected: 8/12/2019 07:30

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.092	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total		0.0080	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356335 BIRMINGHAM-081619

Lab ID: **3563350006** Date Received: 8/16/2019 13:11 Matrix: Drinking Water (Potable)

Sample ID: 907 Ann- 5th Liter Date Collected: 8/12/2019 07:30

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.012	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total		0.011	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356335 BIRMINGHAM-081619

Lab ID: **3563350007** Date Received: 8/16/2019 13:11 Matrix: Drinking Water (Potable)

Sample ID: 948 Oakland- 1st Liter Date Collected: 8/14/2019 07:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.090	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total		0.0013	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356335 BIRMINGHAM-081619

Lab ID: **3563350008** Date Received: 8/16/2019 13:11 Matrix: Drinking Water (Potable)

Sample ID: 948 Oakland- 5th Liter Date Collected: 8/14/2019 07:00

Sample Desc: WSSN: 0730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.027	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total		0.0031	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 356335 BIRMINGHAM-081619

PARAMETER QUALIFIERS

Lab ID: 3563350004

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

August 30, 2019

Aaron Filipski
Birmingham WDS
851 S. Eton
Birmingham, MI 48009

RE: Workorder: 356551

Dear Aaron Filipski:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,

Angella C Breitenbeck

Angella Breitenbeck
angellab@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356551 BIRMINGHAM-082619

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3565510001	836 Purdy-1st Liter	WSSN: 0730, Grab	Drinking	8/18/2019 08:00	8/26/2019 08:14	
3565510002	836 Purdy-5th Liter	WSSN: 0730, Grab	Drinking	8/18/2019 08:00	8/26/2019 08:14	
3565510003	1544 E. Lincoln-1st Liter	WSSN: 0730, Grab	Drinking	8/19/2019 05:00	8/26/2019 08:14	
3565510004	1544 E. Lincoln-5th Liter	WSSN: 0730, Grab	Drinking	8/19/2019 05:00	8/26/2019 08:14	

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356551 BIRMINGHAM-082619

Workorder Comments

General Comments: Samples were received ambient with an average temperature of 22.6°C on August 26, 2019. No ice was present.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356551 BIRMINGHAM-082619

Lab ID: **3565510001** Date Received: 8/26/2019 08:14 Matrix: Drinking Water (Potable)

Sample ID: 836 Purdy-1st Liter Date Collected: 8/18/2019 08:00

Sample Desc: WSSN: 0730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.043	mg/L	0.0010	1		1.3	8/29/2019 12:23	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	8/29/2019 12:23	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356551 BIRMINGHAM-082619

Lab ID: **3565510002** Date Received: 8/26/2019 08:14 Matrix: Drinking Water (Potable)

Sample ID: 836 Purdy-5th Liter Date Collected: 8/18/2019 08:00

Sample Desc: WSSN: 0730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.010	mg/L	0.0010	1		1.3	8/29/2019 12:23	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	8/29/2019 12:23	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356551 BIRMINGHAM-082619

Lab ID: **3565510003** Date Received: 8/26/2019 08:14 Matrix: Drinking Water (Potable)

Sample ID: 1544 E. Lincoln-1st Liter Date Collected: 8/19/2019 05:00

Sample Desc: WSSN: 0730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.053	mg/L	0.0010	1		1.3	8/29/2019 12:23	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	8/29/2019 12:23	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356551 BIRMINGHAM-082619

Lab ID: **3565510004** Date Received: 8/26/2019 08:14 Matrix: Drinking Water (Potable)

Sample ID: 1544 E. Lincoln-5th Liter Date Collected: 8/19/2019 05:00

Sample Desc: WSSN: 0730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.015	mg/L	0.0010	1		1.3	8/29/2019 12:23	DTM
Lead, Total		0.0021	mg/L	0.0010	1		0.015	8/29/2019 12:23	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 10, 2019

Aaron Filipski
Birmingham WDS
851 S. Eton
Birmingham, MI 48009

RE: Workorder: 356678

Dear Aaron Filipski:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356678 BIRMINGHAM-083019

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3566780001	564 Vinewood-1st Liter	WSSN:730, Grab	Drinking Water	8/29/2019 07:00	8/30/2019 09:52	Homeowners
3566780002	564 Vinewood-5th Liter	WSSN:730, Grab	Drinking Water	8/29/2019 07:00	8/30/2019 09:52	Homeowners
3566780003	960 Harmon-1st Liter	WSSN:730, Grab	Drinking Water	8/26/2019 06:30	8/30/2019 09:52	Homeowners
3566780004	960 Harmon-5th Liter	WSSN:730, Grab	Drinking Water	8/26/2019 06:30	8/30/2019 09:52	Homeowners

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356678 BIRMINGHAM-083019

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 23.2°C on August 30, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356678 BIRMINGHAM-083019

Lab ID: **3566780001** Date Received: 8/30/2019 09:52 Matrix: Drinking Water (Potable)

Sample ID: 564 Vinewood-1st Liter Date Collected: 8/29/2019 07:00

Sample Desc: WSSN:730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.068	mg/L	0.0010	1		1.3	9/9/2019 10:04	DTM
Lead, Total		0.0012	mg/L	0.0010	1		0.015	9/9/2019 10:04	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356678 BIRMINGHAM-083019

Lab ID: **3566780002** Date Received: 8/30/2019 09:52 Matrix: Drinking Water (Potable)

Sample ID: 564 Vinewood-5th Liter Date Collected: 8/29/2019 07:00

Sample Desc: WSSN:730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0075	mg/L	0.0010	1		1.3	9/9/2019 10:04	DTM
Lead, Total		0.0059	mg/L	0.0010	1		0.015	9/9/2019 10:04	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356678 BIRMINGHAM-083019

Lab ID: **3566780003** Date Received: 8/30/2019 09:52 Matrix: Drinking Water (Potable)

Sample ID: 960 Harmon-1st Liter Date Collected: 8/26/2019 06:30

Sample Desc: WSSN:730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.024	mg/L	0.0010	1		1.3	9/9/2019 10:04	DTM
Lead, Total	H	0.017	mg/L	0.0010	1		0.015	9/9/2019 10:04	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356678 BIRMINGHAM-083019

Lab ID: **3566780004** Date Received: 8/30/2019 09:52 Matrix: Drinking Water (Potable)

Sample ID: 960 Harmon-5th Liter Date Collected: 8/26/2019 06:30

Sample Desc: WSSN:730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0084	mg/L	0.0010	1		1.3	9/9/2019 10:04	DTM
Lead, Total		0.0056	mg/L	0.0010	1		0.015	9/9/2019 10:04	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 356678 BIRMINGHAM-083019

PARAMETER QUALIFIERS

Lab ID: 3566780003

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 17, 2019

Aaron Filipski
Birmingham WDS
851 S. Eton
Birmingham, MI 48009

RE: Workorder: 356938

Dear Aaron Filipski:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356938 BIRMINGHAM-091119

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3569380001	1008 Ridgedale- 1st Liter	WSSN: 730	Drinking Water	9/3/2019 07:00	9/11/2019 10:57	Homeowners
3569380002	1008 Ridgedale- 5th Liter	WSSN: 730	Drinking Water	9/3/2019 07:00	9/11/2019 10:57	Homeowners
3569380003	532 Wallace- 1st Liter	WSSN: 730	Drinking Water	9/9/2019 05:40	9/11/2019 10:57	Homeowners
3569380004	532 Wallace- 5th Liter	WSSN: 730	Drinking Water	9/9/2019 05:40	9/11/2019 10:57	Homeowners

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356938 BIRMINGHAM-091119

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 23.5°C on September 11, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356938 BIRMINGHAM-091119

Lab ID: **3569380001** Date Received: 9/11/2019 10:57 Matrix: Drinking Water (Potable)

Sample ID: 1008 Ridgedale- 1st Liter Date Collected: 9/3/2019 07:00

Sample Desc: WSSN: 730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.10	mg/L	0.0010	1		1.3	9/13/2019 12:02	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/13/2019 12:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356938 BIRMINGHAM-091119

Lab ID: **3569380002** Date Received: 9/11/2019 10:57 Matrix: Drinking Water (Potable)

Sample ID: 1008 Ridgedale- 5th Liter Date Collected: 9/3/2019 07:00

Sample Desc: WSSN: 730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.034	mg/L	0.0010	1		1.3	9/13/2019 12:02	MKK
Lead, Total		0.0019	mg/L	0.0010	1		0.015	9/13/2019 12:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356938 BIRMINGHAM-091119

Lab ID: **3569380003** Date Received: 9/11/2019 10:57 Matrix: Drinking Water (Potable)

Sample ID: 532 Wallace- 1st Liter Date Collected: 9/9/2019 05:40

Sample Desc: WSSN: 730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.064	mg/L	0.0010	1		1.3	9/13/2019 12:02	MKK
Lead, Total		0.0026	mg/L	0.0010	1		0.015	9/13/2019 12:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356938 BIRMINGHAM-091119

Lab ID: **3569380004** Date Received: 9/11/2019 10:57 Matrix: Drinking Water (Potable)

Sample ID: 532 Wallace- 5th Liter Date Collected: 9/9/2019 05:40

Sample Desc: WSSN: 730 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.022	mg/L	0.0010	1		1.3	9/13/2019 12:02	MKK
Lead, Total		0.0076	mg/L	0.0010	1		0.015	9/13/2019 12:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 26, 2019

Aaron Filipski
Birmingham WDS
851 S. Eton
Birmingham, MI 48009

RE: Workorder: 357197

Dear Aaron Filipski:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357197 BIRMINGHAM-092019

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3571970001	255 Linden-1st Liter	WSSN: 730, Grab	Drinking Water	9/16/2019 05:45	9/20/2019 13:55	Homeowners
3571970002	255 Linden-5th Liter	WSSN: 730, Grab	Drinking Water	9/16/2019 05:45	9/20/2019 13:55	Homeowners

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357197 BIRMINGHAM-092019

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 23.7°C on September 20, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357197 BIRMINGHAM-092019

Lab ID: **3571970001** Date Received: 9/20/2019 13:55 Matrix: Drinking Water (Potable)

Sample ID: 255 Linden-1st Liter Date Collected: 9/16/2019 05:45

Sample Desc: WSSN: 730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.22	mg/L	0.0010	1		1.3	9/25/2019 11:51	DTM
Lead, Total	H	0.034	mg/L	0.0010	1		0.015	9/25/2019 11:51	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357197 BIRMINGHAM-092019

Lab ID: **3571970002** Date Received: 9/20/2019 13:55 Matrix: Drinking Water (Potable)

Sample ID: 255 Linden-5th Liter Date Collected: 9/16/2019 05:45

Sample Desc: WSSN: 730, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0069	mg/L	0.0010	1		1.3	9/25/2019 11:51	DTM
Lead, Total		0.0010	mg/L	0.0010	1		0.015	9/25/2019 11:51	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 357197 BIRMINGHAM-092019

PARAMETER QUALIFIERS

Lab ID: 3571970001

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

355643 BIRMINGHAM Birmingham WDS

Client Name: City of Birmingham, MI (SOCWA)

Contact Person: Aaron Filipski

Mailing Address: 851 S. Eton

City, State, Zip: Birmingham, MI 48009

Phone and Fax: 248.530.1701

Email: afilipski@bhamgov.org; cc: socwalab@socwa.org

Client Job Name / No.:

Job Location:

WSSN #: 730 | PIN #:

Sampled By: | PO No.:

Remarks:

Samples rec. ambient @ 21.2°C
KEJ 7/22/19

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	7-18-19	9 AM			556 W. Maple - 1st Liter	DW	1	✓	355643 - 0001
2	7-18-19	9 AM			556 W. Maple 2nd Liter 5	DW	1	✓	- 0002
3	7-16-19	5:40 AM			255 Linden 1st Liter	DW	1	✓	- 0003
4	7-16-19	5:40 AM			255 Linden 2nd Liter 5	DW	1	✓	- 0004
5	7-16-19	8:50 AM			384 Chesterfield 1 Liter	DW	1	✓	- 0005
6	7-16-19	8:50 AM			384 Chesterfield 2nd Liter 5	DW	1	✓	- 0006
7	7-16-19	3:50 AM			319 Puritan 1st Liter	DW	1	✓	- 0007
8	7-16-19	3:50 AM			319 Puritan 2nd Liter 5	DW	1	✓	- 0008
9	7-17-19	6 AM			364 Puritan 1st Liter	DW	1	✓	- 0009
10	7-17-19	6 AM			364 Puritan 2nd Liter 5	DW	1	✓	- 0010

Tran. #	Released By	Received By	Date	Time
1.	Larry DeMaggio	SOCWA RW	7-19-19	950A
2.	Jodi Rutt	MTJ	7/22/19	1337
3.				
4.				

FORM-N0013A, Revision 4e, Effective Date 06/20/2017. Copyright ©1996-2018 by Paragon Laboratories, Inc. All rights reserved.

5th Liter RUSH

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

Client Name: City of Birmingham, MI (SOCWA)

Contact Person: Aaron Filipski

Mailing Address: 851 S. Eton

City, State, Zip: Birmingham, MI 48009

Phone and Fax: 248.530.1701

Email: afilipski@bhamgov.org; cc: socwalab@socwa.org

Client Job Name / No.:

Job Location:

WSSN #: 730 | PIN #:

Sampled By: | PO No.:

Remarks:

INTERNAL USE ONLY

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☑
- 2 Day (RUSH) ☑
- 3 Day (RUSH) ☑
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	7-22-19	8:10 AM			271 Chesterfield 1st Liter	DW		✓	355443-0011
2	7-22-19	8:10 A			271 Chesterfield 5th Liter	DW		✓	-0012
3	7-19-19	6:00AM			264 Larchlea 1st Liter	DW		✓	-0013
4	7-19-19	6:00AM			264 Larchlea 5th Liter	DW		✓	-0014
5	7-19-19	10 AM			484 W. Maple 1st Liter	DW		✓	-0015
6	7-19-19	10AM			484 W. Maple 5th Liter	DW		✓	-0016
7	7-19-19	3 PM			268 Pilgrim 1st Liter	DW		✓	-0017
8	7-19-19	3 PM			268 Pilgrim 5th Liter	DW		✓	-0018

Tran. #	Released By	Received By	Date	Time
1.	Larry DeMaggio	SOCWA	7-22-19	10:30A
2.	Todd Rutt	MTS	7/22/19	1337

Tran. #	Released By	Received By	Date	Time
3.				
4.				

FORM-N0013A, Revision 4e. Effective Date 06/20/2017. Copyright ©1996-2018 by Paragon Laboratories, Inc. All rights reserved.

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

355804 BIRMINGHAM Birmingham WDS

Client Name: City of Birmingham, MI (SOCWA)

Contact Person: Aaron Filipski

Mailing Address: 851 S. Eton

City, State, Zip: Birmingham, MI 48009

Phone and Fax: 248.530.1701

Email: afilipski@bhamgov.org; cc: socwalab@socwa.org

Client Job Name / No.:

Job Location:

WSSN #: 730 | PIN #:

Sampled By: | PO No.:

Remarks:

Received ambients 24.8°C TB 7/29/19

Regulatory Requirements: RCRA ☐ NPDES ☐ Drinking Water ☑ Other: _____

Turnaround Requirements: 1 Day (RUSH) ☐ 2 Day (RUSH) ☐ 3 Day (RUSH) ☐ 5 Day (STANDARD) ☑ Other: _____

Matrix Key: DW = Drinking Water WW = Wastewater W = Water D = Diesel BD = Biodiesel G = Gasoline E8 = E85 O = Oil SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	7-26-19	2:42 PM			588 Cherry Ct - 1 Liter	DW		✓	355804-0001
2	7-26-19	2:42 PM			588 Cherry Ct - 5 Liter	DW		✓	-0002
3	7-26-19	7:30A			824 Wimbleton - 1 Liter	DW		✓	-0003
4	7-26-19	7:30A			824 Wimbleton - 5 Liter	DW		✓	-0004
5	7-22-19	5:30A			512 Madison - 1 Liter	DW		✓	-0005
6	7-22-19	5:30A			512 Madison - 5 Liter	DW		✓	-0006
7	7-21-19	2:10P			111 Abbey - 1 Liter	DW		✓	-0007
8	7-21-19	2:10P			111 Abbey - 5 Liter	DW		✓	-0008
9	7-25-19	7:00P			528 W. Frank - 1 Liter	DW		✓	-0009
10	7-25-19	7:00P			528 W. Frank - 5 Liter	DW		✓	-0010

Tran. #	Released By	Received By	Date	Time
1.	Larry DeMaggio	MTS 7/29/19	7-29-19	1500
2.	Todd Rubitz	MTS	7-29-19	1502
3.				
4.				

FORM-N0013A, Revision 4e, Effective Date 06/20/2017. Copyright ©1996-2018 by Paragon Laboratories, Inc. All rights reserved.

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

Client Name: City of Birmingham, MI (SOCWA)

Contact Person: Aaron Filipski

Mailing Address: 851 S. Eton

City, State, Zip: Birmingham, MI 48009

Phone and Fax: 248.530.1701

Email: afilipski@bhamgov.org; cc: socwalab@socwa.org

Client Job Name / No.:

Job Location:

WSSN #: 730 | PIN #:

Sampled By: | PO No.:

Remarks:

INTERNAL USE ONLY

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	7-29-19	7:10A			828 W. Lincoln 1st liter	DW		✓	355804-001
2	7-29-19	7:10A			828 W. Lincoln 5th liter	DW		✓	-002
3	7-27-19	9 Am			783 Pilgrim 1st liter	DW		✓	-003
4	7-27-19	9 Am			783 Pilgrim 5th liter	DW		✓	-004

Tran. #	Released By	Received By	Date	Time
1.	Larry DeMaggio	AFS 7/29/19	7-29-19	~~1500~~ MTS
2.	Todd Rettig	MTS	7-29-19	1500

Tran. #	Released By	Received By	Date	Time
3.				
4.				

FORM-N0013A, Revision 4e, Effective Date 06/20/2017. Copyright ©1996-2018 by Paragon Laboratories, Inc. All rights reserved.

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

355927 BIRMINGHAM Birmingham WDS

Client Name: City of Birmingham, MI (SOCWA)

Contact Person: Aaron Filipski

Mailing Address: 851 S. Eton

City, State, Zip: Birmingham, MI 48009

Phone and Fax: 248.530.1701

Email: afilipski@bhamgov.org; cc: socwalab@socwa.org

Client Job Name / No.:

Job Location:

WSSN #: 730 | PIN #:

Sampled By: | PO No.:

Remarks:

Received Ambient
@ 24.4°C MTS 8/2/19

ANALYSIS REQUESTED

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☑
- 2 Day (RUSH) ☑
- 3 Day (RUSH) ☑
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	7-30-19	2:39P			284 Pilgrim - 1st Liter	DW		✓	355927-0001
2	7-30-19	2:39P			284 Pilgrim - 5th Liter	DW		✓	-0002
3	7-27-19	7:00A			759 Purdy - 1st Liter	DW		✓	-0003
4	7-27-19	7:00A			759 Purdy - 5th Liter	DW		✓	-0004
5	7-29-19	8:30A			763 Wallace - 1st Liter	DW		✓	-0005
6	7-29-19	8:30A			763 Wallace - 5th Liter	DW		✓	-0006
7	7-31-19	5:15A			1060 Lakepark - 1st Liter	DW		✓	-0007
8	7-31-19	5:15A			1060 Lakepark - 5th Liter	DW		✓	-0008

Tran. #	Released By	Received By	Date	Time
1.	Larry DeMaggio		8-1-19	
2.		MTS	8-2-19	1237

Tran. #	Released By	Received By	Date	Time
3.				
4.				

FORM-N0013A, Revision 4e, Effective Date 06/20/2017. Copyright ©1996-2018 by Paragon Laboratories, Inc. All rights reserved.

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

356145 BIRMINGHAM Birmingham WDS

Client Name: City of Birmingham, MI (SOCWA)

Contact Person: Aaron Filipski

Mailing Address: 851 S. Eton

City, State, Zip: Birmingham, MI 48009

Phone and Fax: 248.530.1701

Email: afilipski@bhamgov.org; cc: socwalab@socwa.org

Client Job Name / No.:

Job Location:

WSSN #: 730 | PIN #:

Sampled By: | PO No.:

Remarks:

Received amber out at 24.2°C
AOI 8/9/19

Regulatory Requirements

- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements

- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key

DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	8-5-19	1:10pm			291 CHESTERFIELD - 1st Liter	DW		✓	356145-0001
2	8-5-19	1:10pm			291 CHESTERFIELD - 5th Liter	DW		✓	-0002
3	8-6-19	7:40AM			368 W. LINCOLN 1st Liter	DW		✓	-0003
4	8-6-19	7:40AM			368 W. LINCOLN 5th Liter	DW		✓	-0004

Tran. #	Released By	Received By	Date	Time
1.	Dave Bianchette	SOCWA	8-9-19	
2.	Todd Pulis		8/9/19	14:18

Tran. #	Released By	Received By	Date	Time
3.				
4.				

FORM-N0013A, Revision 4e, Effective Date 06/20/2017. Copyright ©1996-2018 by Paragon Laboratories, Inc. All rights reserved.

CHAIN-OF-CUSTODY RECORD

PARAGON Laboratories

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

356335 BIRMINGHAM Birmingham WDS

Client Name: City of Birmingham, MI (SOCWA)

Contact Person: Aaron Filipski

Mailing Address: 851 S. Eton

City, State, Zip: Birmingham, MI 48009

Phone and Fax: 248.530.1701

Email: afilipski@bhamgov.org; cc: socwalab@socwa.org

Client Job Name / No.:

Job Location:

WSSN #: 730 | PIN #:

Sampled By: | PO No.:

Remarks:

Samples rec ambient @ 23.4°C

VEJ 8/16/19

Regulatory Requirements

- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements

- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key

DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	8-14-19	6:30A			608 Lakeview 1st Liter	DW		✓	356335 -0001
2	8-14-19	6:30A			608 Lakeview 5th Liter	DW		✓	-0002
3	8-14-19	6:30A			967 Ridgedale 1st Liter	DW		✓	-0003
4	8-14-19	6:30A			967 Ridgedale 5th Liter	DW		✓	-0004
5	8-12-19	7:30A			907 Ann 1st Liter	DW		✓	-0005
6	8-12-19	7:30A			907 Ann 5th Liter	DW		✓	-0006
7	8-14-19	7:00A			948 Oakland 1st Liter	DW		✓	-0007
8	8-14-19	7:00A			948 Oakland 5th Liter	DW		✓	-0008

Tran. #	Released By	Received By	Date	Time
1.	Lowry DeMaggio	ARW/SOCWA	8-16-19	8:15
2.	TOM WATT		8/16/19	3:11

Tran. #	Released By	Received By	Date	Time
3.				
4.				

FORM-N0013A, Revision 4e, Effective Date 06/20/2017. Copyright ©1996-2018 by Paragon Laboratories, Inc. All rights reserved.

CHAIN-OF-CUSTODY RECORD

PARAGON Laboratories

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

Page ___ of ___

356551 BIRMINGHAM Birmingham WDS

Client Name: City of Birmingham, MI (SOCWA)

Contact Person: Aaron Filipski

Mailing Address: 851 S. Eton

City, State, Zip: Birmingham, MI 48009

Phone and Fax: 248.530.1701

Email: afilipski@bhamgov.org; cc: socwalab@socwa.org

Client Job Name / No.:

Job Location:

WSSN #: 730 | PIN #:

Sampled By: | PO No.:

Remarks:

Received Ambient @ 22.6°C
MTS 8/26/19

Regulatory Requirements

- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements

- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key

DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	8-18-19	8:00am			836 Purdy	DW		✓	356551-0001
2	8-18-19	8:00 am			836 Purdy	DW		✓	-0002
3	8-19-19	5:00 am			1544 E. Lincoln	DW		✓	-0003
4	8-19-19	5:00 am			1544 E. Lincoln	DW		✓	-0004

Tran. #	Released By	Received By	Date	Time
1.	Larry DeMaggio		8-23-19	10:30A
2.	TOM WATTS		8/26/19	08:14

Tran. #	Released By	Received By	Date	Time
3.				
4.				

FORM-N0013A, Revision 4e, Effective Date 06/20/2017. Copyright ©1996-2018 by Paragon Laboratories, Inc. All rights reserved.

CHAIN-OF-CUSTODY RECORD

PARAGON Laboratories
12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

356678 BIRMINGHAM Birmingham WDS

Client Name: City of Birmingham, MI (SOCWA)
Contact Person: Aaron Filipski
Mailing Address: 851 S. Eton
City, State, Zip: Birmingham, MI 48009
Phone and Fax: 248.530.1701
Email: afilipski@bhamgov.org; cc: socwalab@socwa.org
Client Job Name / No.:
Job Location:
WSSN #: 730 | PIN #:
Sampled By: | PO No.:

Remarks:

Received ambient @ 23.2°C mrs 8/30/19

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	8-29-19	7:00A			564 Vinewood - 1st Liter	DW		✓	356678-001
2	8-29-19	7:00A			564 Vinewood - 5th Liter	DW		✓	-002
3	8-26-19	6:30A			960 Harmon - 1st Liter	DW		✓	-003
4	8-26-19	6:30A			960 Harmon - 5th Liter	DW		✓	-004

Tran. #	Released By	Received By	Date	Time
1.	Larry DeMaggio		8-29-19	10:15AM
2.	Lacey Wasden	M Sy	8-30-19	0952
3.				
4.				

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

356938 BIRMINGHAM Birmingham WDS

Client Name: City of Birmingham, MI (SOCWA)

Contact Person: Aaron Filipski

Mailing Address: 851 S. Eton

City, State, Zip: Birmingham, MI 48009

Phone and Fax: 248.530.1701

Email: afilipski@bhamgov.org; cc: socwalab@socwa.org

Client Job Name / No.:

Job Location:

WSSN #: 730 | PIN #:

Sampled By: | PO No.:

Remarks:

Received Ambient
23.6°C MTS
9-11-19

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	9-3-19	7:00A			1008 Ridgedale 1st Liter	DW		✓	356938 -0001
2	9-3-19	7:00A			1008 Ridgedale 5th Liter	DW		✓	-0002

Tran. #	Released By	Received By	Date	Time
1.	Larry DeMaggio		9-9-19	10:45 AM
2.		MTS	9-9-19	10:57

Tran. #	Released By	Received By	Date	Time
3.				
4.				

FORM-N0013A, Revision 4e, Effective Date 06/20/2017. Copyright ©1996-2018 by Paragon Laboratories, Inc. All rights reserved.

CHAIN-OF-CUSTODY RECORD

PARAGON Laboratories

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

356938 BIRMINGHAM Birmingham WDS

Client Name: City of Birmingham, MI (SOCWA)

Contact Person: Aaron Filipski

Mailing Address: 851 S. Eton

City, State, Zip: Birmingham, MI 48009

Phone and Fax: 248.530.1701

Email: afilipski@bhamgov.org; cc: socwalab@socwa.org

Client Job Name / No.:

Job Location:

WSSN #: 730 | PIN #:

Sampled By: | PO No.:

Remarks:

Received Ambient @ 23.7°C MTS 9-11-19

Regulatory Requirements

RCRA ☐
NPDES ☐
Drinking Water ☑
Other: _____

Turnaround Requirements

1 Day (RUSH) ☐
2 Day (RUSH) ☐
3 Day (RUSH) ☐
5 Day (STANDARD) ☑
Other: _____

Matrix Key

DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	9-9-19	5:40A			532 Wallace	DW		✓	356938-0003
2	9-9-19	5:40A			532 Wallace	DW		✓	V-0004

Tran. #	Released By	Received By	Date	Time
1.	Aaron Filipski	Tall Rund	9-11-2019	8:30 am
2.		MTS	9-11-19	1057

Tran. #	Released By	Received By	Date	Time
3.				
4.				

FORM-N0013A, Revision 4e, Effective Date 06/20/2017. Copyright ©1996-2018 by Paragon Laboratories, Inc. All rights reserved.

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

357197 BIRMINGHAM Birmingham WDS

Client Name: City of Birmingham, MI (SOCWA)

Contact Person: Aaron Filipski

Mailing Address: 851 S. Eton

City, State, Zip: Birmingham, MI 48009

Phone and Fax: 248.530.1701

Email: afilipski@bhamgov.org; cc: socwalab@socwa.org

Client Job Name / No.:

Job Location:

WSSN #: 730 | PIN #:

Sampled By: | PO No.:

Remarks:

Received Ambient @ 23.7°C MTS 9/20/19

Regulatory Requirements: RCRA ☐ NPDES ☐ Drinking Water ☑ Other: _____

Turnaround Requirements: 1 Day (RUSH) ☐ 2 Day (RUSH) ☐ 3 Day (RUSH) ☐ 5 Day (STANDARD) ☑ Other: _____

Matrix Key: DW = Drinking Water WW = Wastewater W = Water D = Diesel BD = Biodiesel G = Gasoline E8 = E85 O = Oil SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Pb & Cu	PARAGON SAMPLE NO.
1	9-16-19	5:45A			255 Linden - 1st Liter	DW		✓	357197-0001
2	9-16-19	5:45A			255 Linden - 5th Liter	DW		✓	0002

Tran. #	Released By	Received By	Date	Time
1.	Dave Bianchette		9-17-19	
2.	Dave Bianchette		9-17-19	

Tran. #	Released By	Received By	Date	Time
3.	Todd Rud	MTS	9/20/19	1355
4.				

FORM-N0013A, Revision 4e, Effective Date 06/20/2017. Copyright ©1996-2018 by Paragon Laboratories, Inc. All rights reserved.

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI67762
Work Order: 90905086_02

System Name/Owner:	RIDGE VALLEY OF MILFORD	WSSN/Pool ID:	00838	
Collection Address:	425 NAPA VALLEY DR,MILFORD	Source:	TYPE I	
Collected By:	DAN CHOLISH	Site Code:	DIST	
Township/Well#/Section:	HIGHLAND//	Collector:	Private Citizen	
County:	Oakland	Date Collected:	09/25/2019	06:00
Sample Point:	KITCHEN SINK	Date Received:	09/26/2019	15:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.40	mg/L	0.05	09/30/2019	1.3	EPA 200.8	7440-50-8
Lead	0.027	mg/L	0.001	09/30/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI67763
Work Order: 90905086_03

System Name/Owner:	RIDGE VALLEY OF MILFORD	WSSN/Pool ID:	0838	
Collection Address:	610 NAPA VALLEY,MILFORD	Source:	TYPE I	
Collected By:	PAM SCHAB	Site Code:	DIST	
Township/Well#/Section:	HIGHLAND//	Collector:	Other	
County:	Oakland	Date Collected:	09/16/2019	08:00
Sample Point:	KITCHEN SINK	Date Received:	09/26/2019	15:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/30/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/30/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI67764
Work Order: 90905086_04

System Name/Owner:	RIDGE VALLEY OF MILFORD	WSSN/Pool ID:	0838	
Collection Address:	1304 YOSEMITE VALLEY,MILFORD	Source:	TYPE I	
Collected By:	DARYL HOBBS	Site Code:	DIST	
Township/Well#/Section:	HIGHLAND//	Collector:	Other	
County:	Oakland	Date Collected:	09/25/2019	08:25
Sample Point:	KITCHEN SINK	Date Received:	09/26/2019	15:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.38	mg/L	0.05	09/30/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/30/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI67772
Work Order: 90905086_12

System Name/Owner:	RIDGE VALLEY OF MILFORD	WSSN/Pool ID:	0838	
Collection Address:	1042 N MILFORD RD,MILFORD	Source:	TYPE I	
Collected By:	MATT FISCHER	Site Code:	DIST	
Township/Well#/Section:	HIGHLAND//	Collector:	Other	
County:	Oakland	Date Collected:	09/24/2019	08:15
Sample Point:	BATHROOM SINK	Date Received:	09/26/2019	15:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	1.42	mg/L	0.05	09/30/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/30/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI67773
Work Order: 90905086_13

System Name/Owner:	RIDGE VALLEY OF MILFORD	WSSN/Pool ID:	0838	
Collection Address:	626 NAPA VALLEY DR,MILFORD	Source:	TYPE I	
Collected By:	YASU AMOYA	Site Code:	DIST	
Township/Well#/Section:	HIGHLAND//	Collector:	Other	
County:	Oakland	Date Collected:	09/21/2019	10:00
Sample Point:	KITCHEN SINK	Date Received:	09/26/2019	15:07
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/30/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/30/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58137
Work Order: 90803743_01

System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	684 ANN ARBOR TRAIL,CLARE	Source:	TYPE I	
Collected By:	OREN MARSHALL	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/19/2019	06:22
Sample Point:	KITCHEN SINK	Date Received:	08/21/2019	13:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

Sample Comment **LI58137** **Sample was received at the laboratory for test code CCUB and was not accepted for testing, due to low sample volume submitted. Container must be filled to the base of the neck, per sample collection instructions.**

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
^^^ NOT TESTED^^^	Not Tested			08/22/2019			NOTST-00-C

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731

RECEIVED
AUG 23 2019
MDEQ-DWMAD-CWSS-TCU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58132
Work Order: 90803736_01

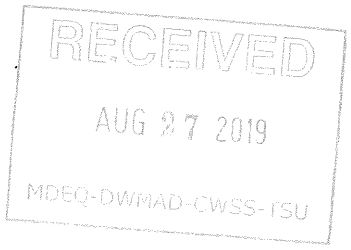
System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	525 N MCEWAN ST,CLARE	Source:	TYPE I	
Collected By:	SHERYL SMITH	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/19/2019	08:50
Sample Point:	BATHROOM SINK	Date Received:	08/21/2019	13:16
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.70	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	0.006	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58133
Work Order: 90803736_02

System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	607 S RAINBOW DR,CLARE	Source:	TYPE I	
Collected By:	LOUANN MOORE	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/19/2019	07:40
Sample Point:	KITCHEN SINK	Date Received:	08/21/2019	13:16
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.66	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58134
Work Order: 90803736_03

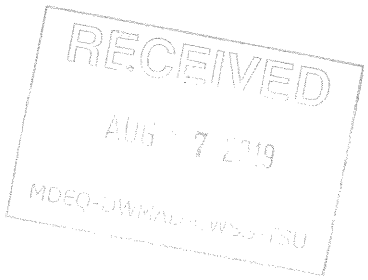
System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	617 COTTAGE ST,CLARE	Source:	TYPE I	
Collected By:	SCOTT WOODS	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/19/2019	08:27
Sample Point:	KITCHEN SINK	Date Received:	08/21/2019	13:16
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.27	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58135
Work Order: 90803736_04

System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	304 COTTAGE ST,CLARE	Source:	TYPE I	
Collected By:	SARA FISCHER	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/19/2019	06:32
Sample Point:	KITCHEN SINK	Date Received:	08/21/2019	13:16
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.60	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58136
Work Order: 90803736_05

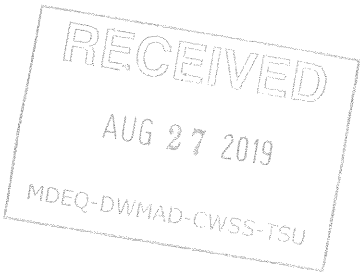
System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	516 FOREST AVE,CLARE	Source:	TYPE I	
Collected By:	TRICIA MOORE	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/19/2019	08:45
Sample Point:		Date Received:	08/21/2019	13:16
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.19	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58138
Work Order: 90803744_01

System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	521 N MCEWAN ST,CLARE	Source:	TYPE I	
Collected By:	DALE CLARK	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/20/2019	07:10
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	08/21/2019	13:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	1.00	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58139
Work Order: 90803744_02

System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	521 N MCEWAN ST,CLARE	Source:	TYPE I	
Collected By:	DALE CLARK	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/20/2019	07:10
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	08/21/2019	13:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.11	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731

RECEIVED
AUG 27 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58140
Work Order: 90803745_01

System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	513 N MCEWAN ST,CLARE	Source:	TYPE I	
Collected By:	DALE CLARK	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/20/2019	08:45
Sample Point:	BATHROOM SINK FIFTH DRAW	Date Received:	08/21/2019	13:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.43	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	0.055	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58141
Work Order: 90803745_02

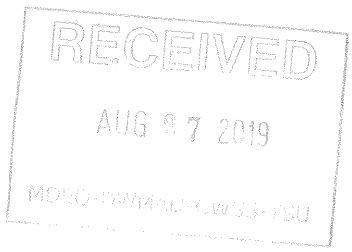
System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	513 N MCEWAN ST,CLARE	Source:	TYPE I	
Collected By:	DALE CLARK	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/20/2019	08:45
Sample Point:	BATHROOM SINK FIRST DRAW	Date Received:	08/21/2019	13:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.67	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	0.036	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58142
Work Order: 90803746_01

System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	605 N MCEWAN,CLARE	Source:	TYPE I	
Collected By:	DALE CLARK	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/20/2019	08:13
Sample Point:	BATHROOM SINK FIRST DRAW	Date Received:	08/21/2019	13:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.89	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	0.026	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58143
Work Order: 90803746_02

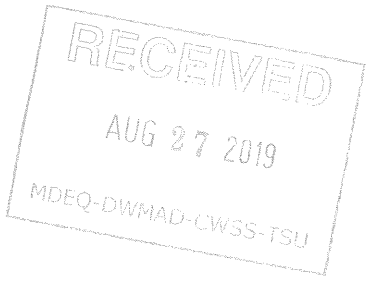
System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	605 N MCEWAN,CLARE	Source:	TYPE I	
Collected By:	DALE CLARK	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/20/2019	08:13
Sample Point:	BATHROOM SINK FIFTH DRAW	Date Received:	08/21/2019	13:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.73	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	0.027	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58144
Work Order: 90803747_01

System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	412 N MCEWAN ST,CLARE	Source:	TYPE I	
Collected By:	DALE CLARK	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/20/2019	11:50
Sample Point:	BATHROOM SINK FIFTH DRAW	Date Received:	08/21/2019	13:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI58145
Work Order: 90803747_02

System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	412 N MCEWAN ST,CLARE	Source:	TYPE I	
Collected By:	DALE CLARK	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/20/2019	11:50
Sample Point:	BATHROOM SINK FIRST DRAW	Date Received:	08/21/2019	13:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.66	mg/L	0.05	08/23/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	08/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731

RECEIVED
AUG 27 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF CLARE
202 W FIFTH ST
CLARE MI 48617

Sample ID: LI60805
Work Order: 90900035_01

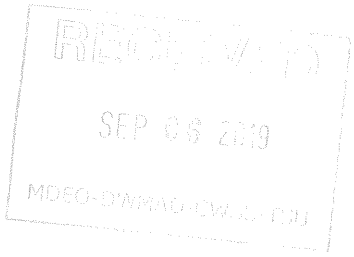
System Name/Owner:	CITY OF CLARE	WSSN/Pool ID:	1420	
Collection Address:	684 ANN ARBOR TRAIL,CLARE	Source:	TYPE I	
Collected By:	OREN MARSHALL	Site Code:		
Township/Well#/Section:	GRANT//	Collector:	Other	
County:	Clare	Date Collected:	08/30/2019	06:00
Sample Point:	KITCHEN SINK	Date Received:	09/03/2019	10:55
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.32	mg/L	0.05	09/05/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/05/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Central Michigan District Health Dept.
815 N Clare Ave., Suite B
Harrison, MI 48625
989 539-6731



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Dearborn Heights (Final Revision-1) WSSN: 01740

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
008	25435 Colgate	8/8/2019	1	A	L	C	K	3.90	13.00	1740-008-1	1.60	20.00	1740-008-5	10/15/2019	10/15/2019
026	4466 Westpoint	8/1/2019	1	A	L	L/C/P	K	**15.00**	38.00	1740-026-1	9.40	11.00	1740-026-5	10/15/2019	10/15/2019
080	4156 Madison	8/8/2019	1	A	L	C	K	7.80	52.00	1740-080-1	**40.00**	6.30	1740-080-5	10/15/2019	10/15/2019
101	25861 Eton	8/8/2019	1	A	L	C/G	K	1.50	15.00	1740-101-1	6.00	6.00	1740-101-5	10/15/2019	10/15/2019
123	4156 Syracuse	8/1/2019	1	A	L	C/G/P	K	2.20	93.00	1740-123-1	**17.00**	12.00	1740-123-5	10/15/2019	10/15/2019
124	8004 Nighingale	7/31/2019	1	A	L	C	K	**21.00**	100.00	1740-124-1	**41.00**	6.00	1740-124-5	10/15/2019	10/15/2019
125	25669 Colgate	8/1/2019	1	A	L	C	K	1.80	30.00	1740-125-1	1.50	4.70	1740-125-5	10/15/2019	10/15/2019
126	26008 McDonald	8/1/2019	1	A	L	C	K	0.76	2.40	1740-126-1	0.66	1.30	1740-126-5	10/15/2019	10/15/2019
127	25513 Hopkins	8/1/2019	1	A	L	C	K	1.20	2.30	1740-127-1	1.80	6.70	1740-127-5	10/15/2019	10/15/2019
128	6627 N. Waverly	8/1/2019	1	A	L	C	K	2.90	170.00	1740-128-1	3.00	68.00	1740-128-5	10/15/2019	10/15/2019
129	7127 Norborne	8/1/2019	1	A	L	C	K	4.50	69.00	1740-129-1	12.00	7.00	1740-129-5	10/15/2019	10/15/2019
131	4197 Syracuse	8/1/2019	1	A	L	C	K	5.20	190.00	1740-131-1	**34.00**	27.00	1740-131-5	10/15/2019	10/15/2019
132	25710 Dartmouth	7/31/2019	1	A	L	C	K	0.81	48.00	1740-132-1	2.70	16.00	1740-132-5	10/15/2019	10/15/2019
133	4935 Detroit	8/1/2019	1	A	L	C	K	7.00	9.20	1740-133-1	7.00	10.00	1740-133-5	10/15/2019	10/15/2019
134	4155 Syracuse	8/1/2019	1	A	L	G	K	2.20	68.00	1740-134-1	2.30	7.10	1740-134-5	10/15/2019	10/15/2019
135	25645 Ross	8/1/2019	1	A	L	G	K	< 2	74.03	1740-135-1	**< 2**	9.40	1740-135-5	10/15/2019	10/15/2019
138	25727 Hopkins	8/5/2019	1	A	L	G	K	3.21	10.05	1740-138-1	5.29	5.37	1740-138-5	10/15/2019	10/15/2019
139	25461 Hopkins	8/6/2019	1	A	L	C	K	2.26	43.32	1740-139-1	< 2	5.49	1740-139-5	10/15/2019	10/15/2019
140	4188 Syracuse	8/5/2019	1	A	L	P	K	6.40	140.00	1740-140-1	35.00	14.00	1740-140-5	10/15/2019	10/15/2019
141	4960 Bedford	8/7/2019	1	A	L		K	< 2	94.81	1740-141-1	< 2	17.53	1740-141-5	10/15/2019	10/15/2019
142	25437 Hopkins	8/6/2019	1	A	L	C	K	1.40	3.50	1740-142-1	1.20	2.80	1740-142-5	10/15/2019	10/15/2019
143	6169 N. Silvery Lane	8/5/2019	1	A	L	L/G	K	12.00	4.30	1740-143-1	2.00	0.96	1740-143-5	10/15/2019	10/15/2019

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Multi Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Dearborn Heights (Final Revision-1)

WSSN: 01740

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
144	25641 Stanford	8/7/2019	1	A	L	C	K	2.90	15.00	1740-144-1	4.10	5.70	1740-144-5	10/15/2019	10/15/2019
145	5608 Detroit	8/8/2019	1	A	L	C	K	0.20	61.00	1740-145-1	0.07	5.70	1740-145-5	10/15/2019	10/15/2019
146	6821 Norborne	8/7/2019	1	A	L	C	B	8.00	11.00	1740-146-1	1.80	1.80	1740-146-5	10/15/2019	10/15/2019
147	8329 Lenore	8/7/2019	1	A	L	C	K	1.80	5.30	1740-147-1	4.10	2.60	1740-147-5	10/15/2019	10/15/2019
148	25406 Stanford	8/7/2019	1	A	L	L	K	3.30	37.00	1740-148-1	3.40	10.00	1740-148-5	10/15/2019	10/15/2019
149	25407 Stanford	8/7/2019	1	A	L	C	K	1.70	30.00	1740-149-1	1.50	2.70	1740-149-5	10/15/2019	10/15/2019
150	25733 Stanford	9/14/2019	1	A	L	C	K	< 2	152.21	1740-150-1	2.47	31.11	1740-150-5	10/15/2019	10/15/2019
151	25622 Stanford	8/8/2019	1	A	L	L	K	2.60	55.00	1740-151-1	1.50	8.30	1740-151-5	10/15/2019	10/15/2019

This revision is due to a typographical error of dates being inserted into the 1st liter sample result column for copper rather than the results.

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Eastpointe WSSN: 01950

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
145	15554 Semrau	8/13/2019	1	A	L	C	K	8.20	38.00	1950-145-1	4.90	51.00	1950-145-5	9/25/2019	9/25/2019
146	16143 Wilson	7/19/2019	1	A	L		K	0.60	5.50	01950-146-1	2.80	1.00	01950-146-5	9/13/2019	9/13/2019
147	15785 Charles R Ave.	7/22/2019	1	A	L	C/G	K	1.20	13.00	01950-147-1	1.30	6.80	01950-147-5	9/13/2019	9/13/2019
148	15765 Charles R Ave.	7/19/2019	1	A	L	C/P	K	2.20	27.00	01950-148-1	2.10	12.00	01950-148-5	9/13/2019	9/13/2019
149	24266 Shakespeare Ave.	7/19/2019	1	A	L	C/G/P	K	1.10	2.80	01950-149-1	0.95	1.50	01950-149-5	9/13/2019	9/13/2019
150	16056 Forest	7/19/2019	1	A	L	C	K	2.80	79.00	01950-150-1	9.90	12.00	01950-150-5	9/13/2019	9/13/2019
151	14714 Jacob	8/12/2019	1	A	L	C	K	3.00	2.50	1950-151-1	6.60	2.10	1950-151-5	9/25/2019	9/25/2019
152	14675 Agnes Ave.	7/18/2019	1	A	L	C/G/P	K	0.80	190.00	01950-152-1	7.50	28.00	01950-152-5	9/13/2019	9/13/2019
153	14729 Jacob Ave.	7/19/2019	1	A	L		K	2.00	7.40	01950-153-1	3.10	1.10	01950-153-5	9/13/2019	9/13/2019
154	15701 Couzens Ave.	7/18/2019	1	A	L	G	K	3.80	5.20	01950-154-1	**15.00**	2.20	01950-154-5	9/13/2019	9/13/2019
155	22039 Saxony	7/18/2019	1	A	L	G	K	2.00	5.10	01950-155-1	3.60	2.00	01950-155-5	9/13/2019	9/13/2019
156	22054 Saxony	7/19/2019	1	A	L	L	K	5.30	20.00	01950-156-1	6.90	5.40	01950-156-5	9/13/2019	9/13/2019
157	22431 Saxony	7/19/2019	1	A	L	G	B	6.60	3.40	01950-157-1	3.70	1.50	01950-157-5	9/13/2019	9/13/2019
158	22095 Saxony Ave.	7/19/2019	1	A	L	G/P	K	1.30	11.00	01950-158-1	4.10	2.90	01950-158-5	9/13/2019	9/13/2019
159	15342 Nine Mile Rd.	7/18/2019	1	A	L	C/G	K	4.80	170.00	01950-159-1	11.00	11.00	01950-159-5	9/13/2019	9/13/2019
160	22079 Saxony	7/19/2019	1	A	L	C/G	K	2.30	2.90	01950-160-1	10.00	3.10	01950-160-5	9/13/2019	9/13/2019
161	21794 Donald	8/9/2019	1	A	L	C	K	**27.00**	6.70	1950-161-1	11.00	22.00	1950-161-5	9/25/2019	9/25/2019
162	22776 Donald	8/10/2019	1	A	L	C/G/P	K	8.50	52.00	1950-162-1	**17.00**	17.00	1950-162-5	9/25/2019	9/25/2019
163	22787 Donald	8/10/2019	1	A	L	C	K	1.10	58.00	1950-163-1	3.80	6.50	1950-163-5	9/25/2019	9/25/2019
165	22471 Donald	8/12/2019	1	A	L	G	K	1.50	4.70	1950-165-1	3.70	1.80	1950-165-5	9/25/2019	9/25/2019
166	15559 South Park	8/14/2019	1	A	L	C	K	1.90	14.00	1950-166-1	8.90	2.90	1950-166-5	9/25/2019	9/25/2019
167	15548 South Park	8/14/2019	1	A	L	C	K	3.90	31.00	1950-167-1	**15.00**	4.50	1950-167-5	9/25/2019	9/25/2019

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1983		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply		

RECEIVED
OCT 02 2019
MDEQ-DWMAD-CWSS

GLWA Great Lakes Water Authority

11. TAP SAMPLING DATA

(Use additional sheets as needed).

Water Supply Name: Eastpointe WSSN: 01950

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
168	15640 Sprenger	8/12/2019	1	A	L	G	K	2.80	4.90	1950-168-1	1.50	12.00	1950-168-5	9/25/2019	9/25/2019
169	15312 Sprenger	8/9/2019	1	A	L	G	K	5.40	2.30	1950-169-1	10.00	1.00	1950-169-5	9/25/2019	9/25/2019
170	15336 Sprenger	8/11/2019	1	A	L	C	K	2.20	16.00	1950-170-1	5.00	3.40	1950-170-5	9/25/2019	9/25/2019
171	15616 Sprenger	8/11/2019	1	A	L	C	K	2.50	67.00	1950-171-1	3.00	25.00	1950-171-5	9/25/2019	9/25/2019
164	**23109 Donald Avenue**	**8/12/2019**	**1**	**A**	**L**	**L**	**K**	**6.12**	**< 5**	**1950-164-1**	**2.43**	**5.12**	**1950-164-5**	**10/2/2019**	**10/2/2019**
172	**21200 Redmond**	**8/24/2019**	**1**	**A**	**L**	**C/G**	**K**	**< 2**	**23.92**	**1950-172-1**	**< 2**	**< 5**	**1950-172-5**	**10/2/2019**	**10/2/2019**
173	**20929 Universal Avenue**	**8/27/2019**	**1**	**A**	**L**	**C**	**K**	**< 2**	**< 5**	**1950-173-1**	**< 2**	**< 5**	**1950-173-5**	**10/2/2019**	**10/2/2019**
174	**21051 Universal Avenue**	**8/30/2019**	**1**	**A**	**L**	**P**	**K**	**< 2**	**< 5**	**1950-174-1**	**< 2**	**< 5**	**1950-174-5**	**10/2/2019**	**10/2/2019**

Samples in **bold** have been added since the last report was sent on 09/25/2019. Results with a less than sign are below the reporting level of the instrument at the time of analysis.

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or Building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357485 EASTPOINTE-100319

Lab ID: **3574850001** Date Received: 10/3/2019 09:51 Matrix: Drinking Water (Potable)

Sample ID: 21794 Donald- 1st Liter Date Collected: 9/29/2019 06:00

Sample Desc: WSSN: 1950 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.048	mg/L	0.0010	1		1.3	10/4/2019 11:04	MKK
Lead, Total		0.0063	mg/L	0.0010	1		0.015	10/4/2019 11:04	MKK

RECEIVED
OCT 14 2019
MDEQ-DWMAD-CWSU-TCU

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 10/7/2019 2:41:49 PM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357485 EASTPOINTE-100319

Lab ID: **3574850002** Date Received: 10/3/2019 09:51 Matrix: Drinking Water (Potable)

Sample ID: 21794 Donald- 5th Liter Date Collected: 9/29/2019 06:00

Sample Desc: WSSN: 1950 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.016	mg/L	0.0010	1		1.3	10/4/2019 11:04	MKK
Lead, Total		0.010	mg/L	0.0010	1		0.015	10/4/2019 11:04	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357485 EASTPOINTE-100319

Lab ID: **3574850003** Date Received: 10/3/2019 09:51 Matrix: Drinking Water (Potable)

Sample ID: 22776 Donald- 1st Liter Date Collected: 9/27/2019 07:10

Sample Desc: WSSN: 1950 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.068	mg/L	0.0010	1		1.3	10/4/2019 11:04	MKK
Lead, Total		0.0088	mg/L	0.0010	1		0.015	10/4/2019 11:04	MKK

RECEIVED
OCT 14 2019

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 10/7/2019 2:41:49 PM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357485 EASTPOINTE-100319

Lab ID: **3574850004** Date Received: 10/3/2019 09:51 Matrix: Drinking Water (Potable)

Sample ID: 22776 Donald- 5th Liter Date Collected: 9/27/2019 07:10

Sample Desc: WSSN: 1950 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.019	mg/L	0.0010	1		1.3	10/4/2019 11:04	MKK
Lead, Total	H	0.019	mg/L	0.0010	1		0.015	10/4/2019 11:04	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357485 EASTPOINTE-100319

Lab ID: **3574850005** Date Received: 10/3/2019 09:51 Matrix: Drinking Water (Potable)

Sample ID: 15548 South Park- 1st Liter Date Collected: 9/27/2019 07:45

Sample Desc: WSSN: 1950 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.032	mg/L	0.0010	1		1.3	10/4/2019 11:04	MKK
Lead, Total		0.0042	mg/L	0.0010	1		0.015	10/4/2019 11:04	MKK

RECEIVED
OCT 14 2019

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 10/7/2019 2:41:49 PM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357485 EASTPOINTE-100319

Lab ID: **3574850006** Date Received: 10/3/2019 09:51 Matrix: Drinking Water (Potable)

Sample ID: 15548 South Park- 5th Liter Date Collected: 9/27/2019 07:45

Sample Desc: WSSN: 1950 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0038	mg/L	0.0010	1		1.3	10/4/2019 11:04	MKK
Lead, Total		0.0080	mg/L	0.0010	1		0.015	10/4/2019 11:04	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357485 EASTPOINTE-100319

Lab ID: **3574850007** Date Received: 10/3/2019 09:51 Matrix: Drinking Water (Potable)

Sample ID: 15701 Couzens- 1st Liter Date Collected: 9/27/2019 05:23

Sample Desc: WSSN: 1950 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0064	mg/L	0.0010	1		1.3	10/4/2019 11:04	MKK
Lead, Total		0.0079	mg/L	0.0010	1		0.015	10/4/2019 11:04	MKK

Received
OCT 14 2019
MDEQ-DWMD-Cashier

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 10/7/2019 2:41:49 PM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357485 EASTPOINTE-100319

Lab ID: **3574850008** Date Received: 10/3/2019 09:51 Matrix: Drinking Water (Potable)

Sample ID: 15701 Couzens- 5th Liter Date Collected: 9/27/2019 05:23

Sample Desc: WSSN: 1950 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0028	mg/L	0.0010	1		1.3	10/4/2019 11:04	MKK
Lead, Total		0.0045	mg/L	0.0010	1		0.015	10/4/2019 11:04	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 357485 EASTPOINTE-100319

PARAMETER QUALIFIERS

Lab ID: 3574850004

H Result (or RL) is above Max limit.

RECEIVED
OCT 14 2019
MDEQ-DWMAD-DWCS-LU

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: VILLAGE OF EAU CLAIRE
6625 EAST MAIN ST
PO 338
EAU CLAIRE MI 49111

Sample ID: LI67290
Work Order: 90904733_07

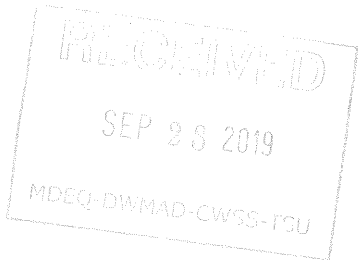
System Name/Owner:	VILLAGE OF EAU CLAIRE	WSSN/Pool ID:	2030	
Collection Address:	6625 E MAIN ST,EAU CLAIRE	Source:	TYPE I	
Collected By:	RROBERT STANZIK	Site Code:	DIST	
Township/Well#/Section:	BERRIEN/1/	Collector:	Other	
County:	Berrien	Date Collected:	09/23/2019	07:58
Sample Point:	KITCHEN SINK	Date Received:	09/25/2019	15:11
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.36	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.699	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: VILLAGE OF EAU CLAIRE
6625 EAST MAIN ST
PO 338
EAU CLAIRE MI 49111

Sample ID: LI67291
Work Order: 90904733_08

System Name/Owner:	VILLAGE OF EAU CLAIRE	WSSN/Pool ID:	2030	
Collection Address:	6625 EAST MAIN ST PO 338,EAU CLAIRE	Source:	TYPE I	
Collected By:		Site Code:	DIST	
Township/Well#/Section:	BERRIEN/1/	Collector:	Other	
County:	Berrien	Date Collected:	09/23/2019	04:30
Sample Point:	KITCHEN SINK	Date Received:	09/25/2019	15:11
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/27/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/27/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: VILLAGE OF EAU CLAIRE
6625 EAST MAIN ST
PO 338
EAU CLAIRE MI 49111

Sample ID: LI67284
Work Order: 90904733_01

System Name/Owner:	VILLAGE OF EAU CLAIRE	WSSN/Pool ID:	2030	
Collection Address:	6625 EAST MAIN PO 338,EAU CLAIRE	Source:	TYPE I	
Collected By:	ASHLEY VLADIC	Site Code:		
Township/Well#/Section:	BERRIEN/1/	Collector:	Other	
County:	Berrien	Date Collected:	09/23/2019	05:20
Sample Point:	KITCHEN SINK	Date Received:	09/25/2019	15:11
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.40	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RECEIVED
SEP 28 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: VILLAGE OF EAU CLAIRE
6625 EAST MAIN ST
PO 338
EAU CLAIRE MI 49111

Sample ID: LI67285
Work Order: 90904733_02

System Name/Owner:	VILLAGE OF EAU CLAIRE	WSSN/Pool ID:	2030	
Collection Address:	6625 EAST MAIN PO 338,EAU CLAIRE	Source:	TYPE I	
Collected By:	DARLENE MCLAUGHLIN	Site Code:	DIST	
Township/Well#/Section:	BERRIEN/1/	Collector:	Other	
County:	Berrien	Date Collected:	09/23/2019	06:00
Sample Point:	KITCHEN SINK	Date Received:	09/25/2019	15:11
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.11	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: VILLAGE OF EAU CLAIRE
6625 EAST MAIN ST
PO 338
EAU CLAIRE MI 49111

Sample ID: LI67286
Work Order: 90904733_03

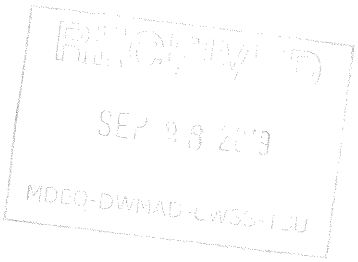
System Name/Owner:	VILLAGE OF EAU CLAIRE	WSSN/Pool ID:	2030	
Collection Address:	6625 EAST MAIN PO 338,EAU CLAIRE	Source:	TYPE I	
Collected By:	EARL DOHM	Site Code:	DIST	
Township/Well#/Section:	BERRIEN/1/	Collector:	Other	
County:	Berrien	Date Collected:	09/23/2019	06:00
Sample Point:	KITCHEN SINK	Date Received:	09/25/2019	15:11
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.21	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: VILLAGE OF EAU CLAIRE
6625 EAST MAIN ST
PO 338
EAU CLAIRE MI 49111

Sample ID: LI67287
Work Order: 90904733_04

System Name/Owner:	VILLAGE OF EAU CLAIRE	WSSN/Pool ID:	2030
Collection Address:	6625 EAST MAIN,EAU CLAIRE	Source:	TYPE I
Collected By:	NANCY GARSKI	Site Code:	DIST
Township/Well#/Section:	BERRIEN/1/	Collector:	Other
County:	Berrien	Date Collected:	09/23/2019 08:30
Sample Point:	KITCHEN SINK	Date Received:	09/25/2019 15:11
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.06	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: VILLAGE OF EAU CLAIRE
6625 EAST MAIN ST
PO 338
EAU CLAIRE MI 49111

Sample ID: LI67292
Work Order: 90904733_09

System Name/Owner:	VILLAGE OF EAU CLAIRE	WSSN/Pool ID:	2030	
Collection Address:	6625 EAST MAIN PO 338,EAU CLAIRE	Source:	TYPE I	
Collected By:	VIRGINIA GONZALES	Site Code:		
Township/Well#/Section:	BERRIEN/1/	Collector:	Other	
County:	Berrien	Date Collected:	09/24/2019	06:30
Sample Point:	KITCHEN SINK	Date Received:	09/25/2019	15:11
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.93	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RECEIVED
SEP 2 3 2019
MDEQ-DW/MAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: VILLAGE OF EAU CLAIRE
6625 EAST MAIN ST
PO 338
EAU CLAIRE MI 49111

Sample ID: LI67293
Work Order: 90904733_10

System Name/Owner:	VILLAGE OF EAU CLAIRE	WSSN/Pool ID:	2030
Collection Address:	6625 E MAIN PO 338,EAU CLAIRE	Source:	TYPE I
Collected By:	MIKE GEORGE	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Berrien	Date Collected:	09/23/2019 10:00
Sample Point:	KITCHEN SINK	Date Received:	09/25/2019 15:11
Water System:	Public System Well	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.20	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: VILLAGE OF EAU CLAIRE
6625 EAST MAIN ST
PO 338
EAU CLAIRE MI 49111

Sample ID: LI67289
Work Order: 90904733_06

System Name/Owner:	VILLAGE OF EAU CLAIRE	WSSN/Pool ID:	2030	
Collection Address:	6625 EAST MAIN,EAU CLAIRE	Source:	TYPE I	
Collected By:	PAUL BERGAN	Site Code:	DIST	
Township/Well#/Section:	BERRIEN/1/	Collector:	Other	
County:	Berrien	Date Collected:	09/23/2019	05:30
Sample Point:		Date Received:	09/25/2019	15:11
Water System:	Public System Well	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	1.03	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: VILLAGE OF EAU CLAIRE
6625 EAST MAIN ST
PO 338
EAU CLAIRE MI 49111

Sample ID: LI67288
Work Order: 90904733_05

System Name/Owner:	VILLAGE OF EAU CLAIRE	WSSN/Pool ID:	2030	
Collection Address:	6625 EAST MAIN ST,EAU CLAIRE	Source:	TYPE I	
Collected By:	DAVID KURTZ	Site Code:		
Township/Well#/Section:	BERRIEN/1/	Collector:	Other	
County:	Berrien	Date Collected:	09/23/2019	08:20
Sample Point:	KITCHEN SINK	Date Received:	09/25/2019	15:11
Water System:	Public System Well	Purpose:	Routine Monitoring	

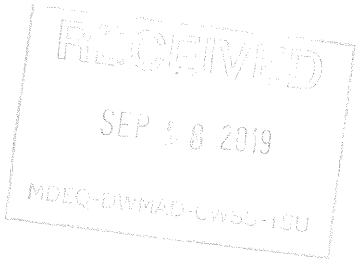
Sample Comment **LI67288** **Sample did not meet collection volume requirements for test code CCUB when received at the lab. Container was not filled to the base of the neck per sample collection instructions. Result(s) may not be accepted for compliance purposes.**

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.53	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Berrien County
2149 E. Napier Ave.
Benton Harbor, MI 49022
269 927-5623



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

PARAGON Laboratories

May 16, 2019

Dave Diem
Essexville WDS
1500 Pine St.
Essexville, MI 48732

RE: Workorder: 354095

Dear Dave Diem:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,

Kaitlin E. James
kaitlinj@paragonlaboratories.com

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 354095 ESSEXVILLE-050919

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3540950001	1st Liter 002-610 Burns St.	WSSN: 2180, City of Essexville, Louis LaLonde	Drinking	5/1/2019 07:48	5/8/2019 11:00	
3540950002	5th Liter 002-610 Burns St.	WSSN: 2180, City of Essexville,Louis LaLonde	Drinking	5/1/2019 07:48	5/8/2019 11:00	
3540950003	1st Liter 003-1408 Mercer St.	WSSN: 2180, City of Essexville,Jill Scherzer	Drinking	5/1/2019 07:50	5/8/2019 11:00	
3540950004	5th Liter 003-1408 Mercer St.	WSSN: 2180, City of Essexville,Jill Scherzer	Drinking	5/1/2019 07:50	5/8/2019 11:00	
3540950005	1st Liter 004-807 Main St.	WSSN: 2180, City of Essexville,William Clark	Drinking	5/1/2019 05:00	5/8/2019 11:00	
3540950006	5th Liter 004-807 Main St.	WSSN: 2180, City of Essexville,William Clark	Drinking	5/1/2019 05:00	5/8/2019 11:00	
3540950007	1st Liter 005-1504 Prairie St.	WSSN: 2180, City of Essexville,Mary K. Pachalka	Drinking	5/1/2019 06:45	5/8/2019 11:00	
3540950008	5th Liter 005-1504 Prairie St.	WSSN: 2180, City of Essexville,Mary K. Pachalka	Drinking	5/1/2019 06:45	5/8/2019 11:00	
3540950009	1st Liter 008-311 Plummer St.	WSSN: 2180, City of Essexville,Jerome Reinke	Drinking	5/1/2019 06:34	5/8/2019 11:00	
3540950010	5th Liter 008-311 Plummer St.	WSSN: 2180, City of Essexville,Jerome Reinke	Drinking	5/1/2019 06:34	5/8/2019 11:00	
3540950011	1st Liter 013-710 Burns St.	WSSN: 2180, City of Essexville,Cynthia Erndt	Drinking	4/29/2019 19:40	5/8/2019 11:00	
3540950012	5th Liter 013-710 Burns St.	WSSN: 2180, City of Essexville,Cynthia Erndt	Drinking	4/29/2019 19:40	5/8/2019 11:00	
3540950013	1st Liter 014-801 Burns St.	WSSN: 2180, City of Essexville,Kenneth Tollefsrud	Drinking	5/1/2019 06:45	5/8/2019 11:00	
3540950014	5th Liter 014-801 Burns St.	WSSN: 2180, City of Essexville,Kenneth Tollefsrud	Drinking	5/1/2019 06:45	5/8/2019 11:00	
3540950015	1st Liter 015-412 Caroline St.	WSSN: 2180, City of Essexville,Jennifer Ryers	Drinking	5/1/2019 05:45	5/8/2019 11:00	
3540950016	5th Liter 015-412 Caroline St.	WSSN: 2180, City of Essexville,Jennifer Ryers	Drinking	5/1/2019 05:45	5/8/2019 11:00	
3540950017	1st Liter 016-1102 Dunbar St.	WSSN: 2180, City of Essexville,Brian Eyre	Drinking	5/1/2019 04:00	5/8/2019 11:00	
3540950018	5th Liter 016-1102 Dunbar St.	WSSN: 2180, City of Essexville,Brian Eyre	Drinking	5/1/2019 04:00	5/8/2019 11:00	
3540950019	1st Liter 017-1106 Dunbar St.	WSSN: 2180, City of Essexville,Erica Thurman	Drinking	4/30/2019 07:15	5/8/2019 11:00	
3540950020	5th Liter 017-1106 Dunbar St.	WSSN: 2180, City of Essexville,Erica Thurman	Drinking	4/30/2019 07:15	5/8/2019 11:00	
3540950021	1st Liter 018-1108 Dunbar St.	WSSN: 2180, City of Essexville, Amanda Pruder	Drinking	4/30/2019 15:47	5/8/2019 11:00	
3540950022	5th Liter 018-1108 Dunbar St.	WSSN: 2180, City of Essexville, Amanda Pruder	Drinking	4/30/2019 15:47	5/8/2019 11:00	
3540950023	1st Liter 019-1110 St.	WSSN: 2180, City of Essexville, Elaine Roth	Drinking	5/1/2019 06:45	5/8/2019 11:00	

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 354095 ESSEXVILLE-050919

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3540950024	5th Liter 019-1110 Dunbar St.	WSSN: 2180, City of Essexville, Elaine Roth	Drinking	5/1/2019 06:45	5/8/2019 11:00	
3540950025	1st Liter 020-1208 Dunbar St.	WSSN: 2180, City of Essexville, Renee M. Tollfree	Drinking	5/1/2019 04:50	5/8/2019 11:00	
3540950026	5th Liter 020-1208 Dunbar St.	WSSN: 2180, City of Essexville, Renee M. Tollfree	Drinking	5/1/2019 04:50	5/8/2019 11:00	
3540950027	1st Liter 021-1302 Dunbar St.	WSSN: 2180, City of Essexville, Michelle Kaunitz	Drinking	5/1/2019 06:30	5/8/2019 11:00	
3540950028	5th Liter 021-1302 Dunbar St.	WSSN: 2180, City of Essexville, Michelle Kaunitz	Drinking	5/1/2019 06:30	5/8/2019 11:00	
3540950029	1st Liter 022-1305 Dunbar St.	WSSN: 2180, City of Essexville, Sandra S. Nolan	Drinking	4/30/2019 15:30	5/8/2019 11:00	
3540950030	5th Liter 022-1305 Dunbar St.	WSSN: 2180, City of Essexville, Sandra S. Nolan	Drinking	4/30/2019 15:30	5/8/2019 11:00	
3540950031	1st Liter 023-1309 Dunbar St.	WSSN: 2180, City of Essexville, Ann M. Zachariah	Drinking	5/1/2019 06:00	5/8/2019 11:00	
3540950032	5th Liter 023-1309 Dunbar St.	WSSN: 2180, City of Essexville, Ann M. Zachariah	Drinking	5/1/2019 06:00	5/8/2019 11:00	
3540950033	1st Liter 024-1407 Essex St.	WSSN: 2180, City of Essexville, Bethiah Cushway	Drinking	5/1/2019 06:40	5/8/2019 11:00	
3540950034	5th Liter 024-1407 Essex	WSSN: 2180, City of Essexville, Bethiah Cushway	Drinking	5/1/2019 06:40	5/8/2019 11:00	
3540950035	1st Liter 025-619 Hart St.	WSSN: 2180, City of Essexville, Helen Sprague	Drinking	5/1/2019 07:05	5/8/2019 11:00	
3540950036	5th Liter 025-619 Hart St.	WSSN: 2180, City of Essexville, Helen Sprague	Drinking	5/1/2019 07:05	5/8/2019 11:00	
3540950037	1st Liter 026-708 Hart St.	WSSN: 2180, City of Essexville, Michael J. Bushong	Drinking	5/1/2019 05:00	5/8/2019 11:00	
3540950038	5th Liter 026-708 Hart St.	WSSN: 2180, City of Essexville, Michael J. Bushong	Drinking	5/1/2019 05:00	5/8/2019 11:00	
3540950039	1st Liter 027-1000 Hart St.	WSSN: 2180, City of Essexville, Jason Czapiga	Drinking	5/1/2019 04:50	5/8/2019 11:00	
3540950040	5th Liter 027-1000 Hart St.	WSSN: 2180, City of Essexville, Jason Czapiga	Drinking	5/1/2019 04:50	5/8/2019 11:00	
3540950041	1st Liter 028-1810 James St.	WSSN: 2180, City of Essexville, William Clark	Drinking	4/29/2019 13:30	5/8/2019 11:00	
3540950042	5th Liter 028-1810 James St.	WSSN: 2180, City of Essexville,William Clark	Drinking	4/29/2019 13:30	5/8/2019 11:00	
3540950043	1st Liter 029-1902 James St.	WSSN: 2180, City of Essexville,Sharon Beauch	Drinking	5/1/2019 05:15	5/8/2019 11:00	

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 354095 ESSEXVILLE-050919

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3540950044	5th Liter 029-1902 James St.	WSSN: 2180, City of Essexville,Sharon Beauch	Drinking	5/1/2019 05:15	5/8/2019 11:00	
3540950045	1st Liter 030-1200 Langstaff	WSSN: 2180, City of Essexville,Nancy A. Richards	Drinking	4/30/2019 11:45	5/8/2019 11:00	
3540950046	5th Liter 030-1200 Langstaff	WSSN: 2180, City of Essexville,Nancy A. Richards	Drinking	4/30/2019 11:45	5/8/2019 11:00	
3540950047	1st Liter 031-504 Main St.	WSSN: 2180, City of Essexville,Sarah Kasper	Drinking	4/30/2019 08:00	5/8/2019 11:00	
3540950048	5th Liter 031-504 Main St.	WSSN: 2180, City of Essexville,Sarah Kasper	Drinking	4/30/2019 08:00	5/8/2019 11:00	
3540950049	1st Liter 032-510 Main St.	WSSN: 2180, City of Essexville,Ronald A. Fritz	Drinking	4/30/2019 17:15	5/8/2019 11:00	
3540950050	5th Liter 032-510 Main St.	WSSN: 2180, City of Essexville,Ronald A. Fritz	Drinking	4/30/2019 17:15	5/8/2019 11:00	
3540950051	1st Liter 033-602 Main St.	WSSN: 2180, City of Essexville,Dorthy Kyllonen	Drinking	5/1/2019 06:45	5/8/2019 11:00	
3540950052	5th Liter 033-602 Main St.	WSSN: 2180, City of Essexville,Dorthy Kyllonen	Drinking	5/1/2019 06:45	5/8/2019 11:00	
3540950053	1st Liter 034-606 Main St.	WSSN: 2180, City of Essexville,Tom Brunette	Drinking	4/29/2019 19:00	5/8/2019 11:00	
3540950054	5th Liter 034-606 Main St.	WSSN: 2180, City of Essexville,Tom Brunette	Drinking	4/29/2019 19:00	5/8/2019 11:00	
3540950055	1st Liter 035-618 Main St.	WSSN: 2180, City of Essexville,Thomas Wisnewski	Drinking	5/1/2019 06:45	5/8/2019 11:00	
3540950056	5th Liter 035-618 Main St.	WSSN: 2180, City of Essexville,Thomas Wisnewski	Drinking	5/1/2019 06:45	5/8/2019 11:00	
3540950057	1st Liter 036-620 Main St.	WSSN: 2180, City of Essexville,Nelson Young	Drinking	4/30/2019 07:30	5/8/2019 11:00	
3540950058	5th Liter 036-620 Main St.	WSSN: 2180, City of Essexville,Nelson Young	Drinking	4/30/2019 07:30	5/8/2019 11:00	
3540950059	1st Liter 037-705 Main St.	WSSN: 2180, City of Essexville,Barbara Allen	Drinking	4/30/2019 12:05	5/8/2019 11:00	
3540950060	5th Liter 037-705 Main St.	WSSN: 2180, City of Essexville,Barbara Allen	Drinking	4/30/2019 12:05	5/8/2019 11:00	
3540950061	1st Liter 038-809 Main St.	WSSN: 2180, City of Essexville, Michelle Windt	Drinking	5/1/2019 07:00	5/8/2019 11:00	
3540950062	5th Liter 038-809 Main St.	WSSN: 2180, City of Essexville, Michelle Windt	Drinking	5/1/2019 07:00	5/8/2019 11:00	
3540950063	1st Liter 039-903 Main St.	WSSN: 2180, City of Essexville, Ashley Vanaker	Drinking	4/29/2019 20:30	5/8/2019 11:00	
3540950064	5th Liter 039-903 Main St.	WSSN: 2180, City of Essexville, Ashley Vanaker	Drinking	4/29/2019 20:30	5/8/2019 11:00	
3540950065	1st Liter 040-217 Marshall St.	WSSN: 2180, City of Essexville, Jeff Chandler	Drinking	5/2/2019 07:30	5/8/2019 11:00	

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 354095 ESSEXVILLE-050919

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3540950066	5th Liter 040-217 Marshall St.	WSSN: 2180, City of Essexville, Jeff Chandler	Drinking	5/2/2019 07:30	5/8/2019 11:00	
3540950067	1st Liter 041-304 Marshall St.	WSSN: 2180, City of Essexville, Melissa Ekseth	Drinking	5/1/2019 05:20	5/8/2019 11:00	
3540950068	5th Liter 041-304 Marshall St.	WSSN: 2180, City of Essexville, Melissa Ekseth	Drinking	5/1/2019 05:20	5/8/2019 11:00	
3540950069	1st Liter 042-402 Marshall St.	WSSN: 2180, City of Essexville, Christopher Scheddel	Drinking	4/30/2019 09:30	5/8/2019 11:00	
3540950070	5th Liter 042-402 Marshall St.	WSSN: 2180, City of Essexville, Christopher Scheddel	Drinking	4/30/2019 09:30	5/8/2019 11:00	
3540950071	1st Liter 043-1102 Mercer St.	WSSN: 2180, City of Essexville, Desiree Durocher	Drinking	5/2/2019 19:30	5/8/2019 11:00	
3540950072	5th Liter 043-1102 Mercer St.	WSSN: 2180, City of Essexville, Desiree Durocher	Drinking	5/2/2019 19:30	5/8/2019 11:00	
3540950073	1st Liter 044-1204 Mercer St.	WSSN: 2180, City of Essexville, Lance Johnson	Drinking	4/30/2019 05:30	5/8/2019 11:00	
3540950074	5th Liter 044-1204 Mercer St.	WSSN: 2180, City of Essexville, Lance Johnson	Drinking	4/30/2019 05:30	5/8/2019 11:00	
3540950075	1st Liter 045-1407 St.	WSSN: 2180, City of Essexville, Mark Schultz	Drinking	5/1/2019 07:30	5/8/2019 11:00	
3540950076	5th Liter 045-1407 Mercer St.	WSSN: 2180, City of Essexville, Mark Schultz	Drinking	5/1/2019 07:30	5/8/2019 11:00	
3540950077	1st Liter 046-1506 Mercer St.	WSSN: 2180, City of Essexville, Kori Porier	Drinking	4/29/2019 15:40	5/8/2019 11:00	
3540950078	5th Liter 046-1506 Mercer St.	WSSN: 2180, City of Essexville, Kori Porier	Drinking	4/29/2019 15:40	5/8/2019 11:00	
3540950079	1st Liter 047-112 Scheurmann	WSSN: 2180, City of Essexville, Norma Collier	Drinking	4/30/2019 08:30	5/8/2019 11:00	
3540950080	5th Liter 047-112 Scheurmann	WSSN: 2180, City of Essexville, Norma Collier	Drinking	4/30/2019 08:30	5/8/2019 11:00	

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 354095 ESSEXVILLE-050919

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 22.0°C on May 9, 2019.

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950001** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 002-610 Burns St. Date Collected: 5/1/2019 07:48

Sample Desc: WSSN: 2180, City of Essexville, Louis LaLonde PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.24	mg/L	0.0010	1		1.3	5/14/2019 09:30	MZT
Lead, Total		0.0057	mg/L	0.0010	1		0.015	5/14/2019 09:30	MZT

RECEIVED
JUN 19 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950002** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 002-610 Burns St. Date Collected: 5/1/2019 07:48

Sample Desc: WSSN: 2180, City of Essexville,Louis LaLonde PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.098	mg/L	0.0010	1		1.3	5/14/2019 09:30	MZT
Lead, Total		0.014	mg/L	0.0010	1		0.015	5/14/2019 09:30	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950003** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 003-1408 Mercer St. Date Collected: 5/1/2019 07:50

Sample Desc: WSSN: 2180, City of Essexville,Jill Scherzer PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.17	mg/L	0.0010	1		1.3	5/14/2019 09:30	MZT
Lead, Total		0.0026	mg/L	0.0010	1		0.015	5/14/2019 09:30	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950004** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 003-1408 Mercer St. Date Collected: 5/1/2019 07:50

Sample Desc: WSSN: 2180, City of Essexville,Jill Scherzer PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.016	mg/L	0.0010	1		1.3	5/14/2019 09:30	MZT
Lead, Total	H	0.019	mg/L	0.0010	1		0.015	5/14/2019 09:30	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950005** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 004-807 Main St. Date Collected: 5/1/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville,William Clark PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.18	mg/L	0.0010	1		1.3	5/14/2019 09:30	MZT
Lead, Total		0.0017	mg/L	0.0010	1		0.015	5/14/2019 09:30	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950006** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 004-807 Main St. Date Collected: 5/1/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville,William Clark PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.11	mg/L	0.0010	1		1.3	5/14/2019 09:30	MZT
Lead, Total		0.0013	mg/L	0.0010	1		0.015	5/14/2019 09:30	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950007** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 005-1504 Prairie St. Date Collected: 5/1/2019 06:45

Sample Desc: WSSN: 2180, City of Essexville,Mary K. Pachalka PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.057	mg/L	0.0010	1		1.3	5/14/2019 09:57	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 09:57	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950008** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 005-1504 Prairie St. Date Collected: 5/1/2019 06:45

Sample Desc: WSSN: 2180, City of Essexville,Mary K. Pachalka PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.011	mg/L	0.0010	1		1.3	5/14/2019 09:57	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 09:57	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950009** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 008-311 Plummer St. Date Collected: 5/1/2019 06:34

Sample Desc: WSSN: 2180, City of Essexville,Jerome Reinke PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.18	mg/L	0.0010	1		1.3	5/14/2019 09:57	MZT
Lead, Total		0.0029	mg/L	0.0010	1		0.015	5/14/2019 09:57	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950010** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 008-311 Plummer St. Date Collected: 5/1/2019 06:34

Sample Desc: WSSN: 2180, City of Essexville,Jerome Reinke PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.029	mg/L	0.0010	1		1.3	5/14/2019 09:57	MZT
Lead, Total		0.012	mg/L	0.0010	1		0.015	5/14/2019 09:57	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950011** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 013-710 Burns St. Date Collected: 4/29/2019 19:40

Sample Desc: WSSN: 2180, City of Essexville,Cynthia Erndt PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.18	mg/L	0.0010	1		1.3	5/14/2019 09:57	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 09:57	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950012** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 013-710 Burns St. Date Collected: 4/29/2019 19:40

Sample Desc: WSSN: 2180, City of Essexville,Cynthia Erndt PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.20	mg/L	0.0010	1		1.3	5/14/2019 09:57	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 09:57	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950013** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 014-801 Burns St. Date Collected: 5/1/2019 06:45

Sample Desc: WSSN: 2180, City of Essexville,Kenneth Tollefsrud PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.15	mg/L	0.0010	1		1.3	5/14/2019 09:57	MZT
Lead, Total		0.0013	mg/L	0.0010	1		0.015	5/14/2019 09:57	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950014** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 014-801 Burns St. Date Collected: 5/1/2019 06:45

Sample Desc: WSSN: 2180, City of Essexville,Kenneth Tollefsrud PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.067	mg/L	0.0010	1		1.3	5/14/2019 10:06	MZT
Lead, Total		0.0016	mg/L	0.0010	1		0.015	5/14/2019 10:06	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950015** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 015-412 Caroline St. Date Collected: 5/1/2019 05:45

Sample Desc: WSSN: 2180, City of Essexville,Jennifer Ryers PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.23	mg/L	0.0010	1		1.3	5/14/2019 10:06	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 10:06	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950016** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 015-412 Caroline St. Date Collected: 5/1/2019 05:45

Sample Desc: WSSN: 2180, City of Essexville,Jennifer Ryers PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.025	mg/L	0.0010	1		1.3	5/14/2019 10:06	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 10:06	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950017** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 016-1102 Dunbar St. Date Collected: 5/1/2019 04:00

Sample Desc: WSSN: 2180, City of Essexville,Brian Eyre PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.41	mg/L	0.0010	1		1.3	5/14/2019 10:06	MZT
Lead, Total		0.0038	mg/L	0.0010	1		0.015	5/14/2019 10:06	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:46 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950018** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 016-1102 Dunbar St. Date Collected: 5/1/2019 04:00

Sample Desc: WSSN: 2180, City of Essexville,Brian Eyre PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.030	mg/L	0.0010	1		1.3	5/14/2019 10:06	MZT
Lead, Total		0.011	mg/L	0.0010	1		0.015	5/14/2019 10:06	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950019** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 017-1106 Dunbar St. Date Collected: 4/30/2019 07:15

Sample Desc: WSSN: 2180, City of Essexville,Erica Thurman PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.44	mg/L	0.0010	1		1.3	5/14/2019 10:06	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 10:06	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950020** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 017-1106 Dunbar St. Date Collected: 4/30/2019 07:15

Sample Desc: WSSN: 2180, City of Essexville,Erica Thurman PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.36	mg/L	0.0010	1		1.3	5/14/2019 10:06	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 10:06	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950021** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 018-1108 Dunbar St. Date Collected: 4/30/2019 15:47

Sample Desc: WSSN: 2180, City of Essexville, Amanda Pruder PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0038	mg/L	0.0010	1		1.3	5/14/2019 10:06	MZT
Lead, Total		0.0048	mg/L	0.0010	1		0.015	5/14/2019 10:06	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950022** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 018-1108 Dunbar St. Date Collected: 4/30/2019 15:47

Sample Desc: WSSN: 2180, City of Essexville, Amanda Pruder PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0061	mg/L	0.0010	1		1.3	5/14/2019 10:39	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 10:39	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950023** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 019-1110 St. Date Collected: 5/1/2019 06:45

Sample Desc: WSSN: 2180, City of Essexville, Elaine Roth PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.23	mg/L	0.0010	1		1.3	5/14/2019 10:39	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 10:39	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

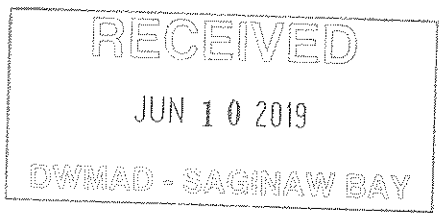
Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950024** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 019-1110 Dunbar St. Date Collected: 5/1/2019 06:45

Sample Desc: WSSN: 2180, City of Essexville, Elaine Roth PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.16	mg/L	0.0010	1		1.3	5/14/2019 10:39	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 10:39	MZT



Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950025** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 020-1208 Dunbar St. Date Collected: 5/1/2019 04:50

Sample Desc: WSSN: 2180, City of Essexville, Renee M. Tollfree PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.010	mg/L	0.0010	1		1.3	5/14/2019 10:39	MZT
Lead, Total		0.0021	mg/L	0.0010	1		0.015	5/14/2019 10:39	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950026** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 020-1208 Dunbar St. Date Collected: 5/1/2019 04:50

Sample Desc: WSSN: 2180, City of Essexville, Renee M. Tollfree PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0064	mg/L	0.0010	1		1.3	5/14/2019 10:45	MZT
Lead, Total		0.0081	mg/L	0.0010	1		0.015	5/14/2019 10:45	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950027** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 021-1302 Dunbar St. Date Collected: 5/1/2019 06:30

Sample Desc: WSSN: 2180, City of Essexville, Michelle Kaunitz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.040	mg/L	0.0010	1		1.3	5/14/2019 10:45	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 10:45	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950028** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 021-1302 Dunbar St. Date Collected: 5/1/2019 06:30

Sample Desc: WSSN: 2180, City of Essexville, Michelle Kaunitz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.048	mg/L	0.0010	1		1.3	5/14/2019 10:45	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 10:45	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950029** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 022-1305 Dunbar St. Date Collected: 4/30/2019 15:30

Sample Desc: WSSN: 2180, City of Essexville, Sandra S. Nolan PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.42	mg/L	0.0010	1		1.3	5/14/2019 10:45	MZT
Lead, Total		0.013	mg/L	0.0010	1		0.015	5/14/2019 10:45	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950030** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 022-1305 Dunbar St. Date Collected: 4/30/2019 15:30

Sample Desc: WSSN: 2180, City of Essexville, Sandra S. Nolan PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.055	mg/L	0.0010	1		1.3	5/14/2019 10:45	MZT
Lead, Total	H	0.017	mg/L	0.0010	1		0.015	5/14/2019 10:45	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950031** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 023-1309 Dunbar St. Date Collected: 5/1/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Ann M. Zachariah PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.24	mg/L	0.0010	1		1.3	5/14/2019 10:45	MZT
Lead, Total		0.0020	mg/L	0.0010	1		0.015	5/14/2019 10:45	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950032** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 023-1309 Dunbar St. Date Collected: 5/1/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Ann M. Zachariah PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.020	mg/L	0.0010	1		1.3	5/14/2019 10:45	MZT
Lead, Total		0.0098	mg/L	0.0010	1		0.015	5/14/2019 10:45	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950033** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 024-1407 Essex St. Date Collected: 5/1/2019 06:40

Sample Desc: WSSN: 2180, City of Essexville, Bethiah Cushway PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0093	mg/L	0.0010	1		1.3	5/14/2019 10:45	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 10:45	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950034** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 024-1407 Essex Date Collected: 5/1/2019 06:40

Sample Desc: WSSN: 2180, City of Essexville, Bethiah Cushway PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.022	mg/L	0.0010	1		1.3	5/14/2019 10:45	MZT
Lead, Total		0.0028	mg/L	0.0010	1		0.015	5/14/2019 10:45	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950035** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 025-619 Hart St. Date Collected: 5/1/2019 07:05

Sample Desc: WSSN: 2180, City of Essexville, Helen Sprague PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.21	mg/L	0.0010	1		1.3	5/14/2019 10:45	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 10:45	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950036** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 025-619 Hart St. Date Collected: 5/1/2019 07:05

Sample Desc: WSSN: 2180, City of Essexville, Helen Sprague PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.12	mg/L	0.0010	1		1.3	5/14/2019 11:13	MZT
Lead, Total		0.0018	mg/L	0.0010	1		0.015	5/14/2019 11:13	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950037** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 026-708 Hart St. Date Collected: 5/1/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Michael J. Bushong PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.060	mg/L	0.0010	1		1.3	5/14/2019 11:13	MZT
Lead, Total		0.0016	mg/L	0.0010	1		0.015	5/14/2019 11:13	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950038** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 026-708 Hart St. Date Collected: 5/1/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Michael J. Bushong PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.017	mg/L	0.0010	1		1.3	5/14/2019 11:13	MZT
Lead, Total		0.011	mg/L	0.0010	1		0.015	5/14/2019 11:13	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950039** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 027-1000 Hart St. Date Collected: 5/1/2019 04:50

Sample Desc: WSSN: 2180, City of Essexville, Jason Czapiga PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.25	mg/L	0.0010	1		1.3	5/14/2019 11:13	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 11:13	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950040** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 027-1000 Hart St. Date Collected: 5/1/2019 04:50

Sample Desc: WSSN: 2180, City of Essexville, Jason Czapiga PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.20	mg/L	0.0010	1		1.3	5/14/2019 11:13	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 11:13	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/26/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950041** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 028-1810 James St. Date Collected: 4/29/2019 13:30

Sample Desc: WSSN: 2180, City of Essexville, William Clark PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.46	mg/L	0.0010	1		1.3	5/14/2019 11:13	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 11:13	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950042** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 028-1810 James St. Date Collected: 4/29/2019 13:30

Sample Desc: WSSN: 2180, City of Essexville,William Clark PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.022	mg/L	0.0010	1		1.3	5/14/2019 11:13	MZT
Lead, Total		0.012	mg/L	0.0010	1		0.015	5/14/2019 11:13	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950043** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 029-1902 James St. Date Collected: 5/1/2019 05:15

Sample Desc: WSSN: 2180, City of Essexville,Sharon Beauch PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.18	mg/L	0.0010	1		1.3	5/14/2019 11:13	MZT
Lead, Total		0.0015	mg/L	0.0010	1		0.015	5/14/2019 11:13	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950044** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 029-1902 James St. Date Collected: 5/1/2019 05:15

Sample Desc: WSSN: 2180, City of Essexville,Sharon Beauch PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.14	mg/L	0.0010	1		1.3	5/14/2019 11:25	MZT
Lead, Total		0.0046	mg/L	0.0010	1		0.015	5/14/2019 11:25	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950045** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 030-1200 Langstaff Date Collected: 4/30/2019 11:45

Sample Desc: WSSN: 2180, City of Essexville,Nancy A. Richards PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.18	mg/L	0.0010	1		1.3	5/14/2019 11:25	MZT
Lead, Total		0.0043	mg/L	0.0010	1		0.015	5/14/2019 11:25	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950046** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 030-1200 Langstaff Date Collected: 4/30/2019 11:45

Sample Desc: WSSN: 2180, City of Essexville,Nancy A. Richards PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.035	mg/L	0.0010	1		1.3	5/14/2019 11:25	MZT
Lead, Total		0.0091	mg/L	0.0010	1		0.015	5/14/2019 11:25	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950047** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 031-504 Main St. Date Collected: 4/30/2019 08:00

Sample Desc: WSSN: 2180, City of Essexville,Sarah Kasper PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.050	mg/L	0.0010	1		1.3	5/14/2019 11:25	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 11:25	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950048** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 031-504 Main St. Date Collected: 4/30/2019 08:00

Sample Desc: WSSN: 2180, City of Essexville,Sarah Kasper PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.020	mg/L	0.0010	1		1.3	5/14/2019 11:25	MZT
Lead, Total		0.0026	mg/L	0.0010	1		0.015	5/14/2019 11:25	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950049** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 032-510 Main St. Date Collected: 4/30/2019 17:15

Sample Desc: WSSN: 2180, City of Essexville,Ronald A. Fritz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.057	mg/L	0.0010	1		1.3	5/14/2019 11:25	MZT
Lead, Total		0.010	mg/L	0.0010	1		0.015	5/14/2019 11:25	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950050** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 032-510 Main St. Date Collected: 4/30/2019 17:15

Sample Desc: WSSN: 2180, City of Essexville,Ronald A. Fritz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.078	mg/L	0.0010	1		1.3	5/14/2019 11:25	MZT
Lead, Total		0.0035	mg/L	0.0010	1		0.015	5/14/2019 11:25	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950051** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 033-602 Main St. Date Collected: 5/1/2019 06:45

Sample Desc: WSSN: 2180, City of Essexville,Dorthy Kyllonen PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.21	mg/L	0.0010	1		1.3	5/14/2019 11:25	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 11:25	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950052** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 033-602 Main St. Date Collected: 5/1/2019 06:45

Sample Desc: WSSN: 2180, City of Essexville,Dorthy Kyllonen PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.025	mg/L	0.0010	1		1.3	5/14/2019 12:00	MZT
Lead, Total		0.0031	mg/L	0.0010	1		0.015	5/14/2019 12:00	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950053** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 034-606 Main St. Date Collected: 4/29/2019 19:00

Sample Desc: WSSN: 2180, City of Essexville,Tom Brunette PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.37	mg/L	0.0010	1		1.3	5/14/2019 12:00	MZT
Lead, Total		0.0020	mg/L	0.0010	1		0.015	5/14/2019 12:00	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950054** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 034-606 Main St. Date Collected: 4/29/2019 19:00

Sample Desc: WSSN: 2180, City of Essexville,Tom Brunette PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.13	mg/L	0.0010	1		1.3	5/14/2019 12:00	MZT
Lead, Total		0.0024	mg/L	0.0010	1		0.015	5/14/2019 12:00	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950055** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 035-618 Main St. Date Collected: 5/1/2019 06:45

Sample Desc: WSSN: 2180, City of Essexville,Thomas Wisnewski PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.012	mg/L	0.0010	1		1.3	5/14/2019 12:00	MZT
Lead, Total		0.0024	mg/L	0.0010	1		0.015	5/14/2019 12:00	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950056** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 035-618 Main St. Date Collected: 5/1/2019 06:45

Sample Desc: WSSN: 2180, City of Essexville,Thomas Wisnewski PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.012	mg/L	0.0010	1		1.3	5/14/2019 12:00	MZT
Lead, Total		0.014	mg/L	0.0010	1		0.015	5/14/2019 12:00	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950057** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 036-620 Main St. Date Collected: 4/30/2019 07:30

Sample Desc: WSSN: 2180, City of Essexville,Nelson Young PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.22	mg/L	0.0010	1		1.3	5/14/2019 12:00	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 12:00	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950058** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 036-620 Main St. Date Collected: 4/30/2019 07:30

Sample Desc: WSSN: 2180, City of Essexville,Nelson Young PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.11	mg/L	0.0010	1		1.3	5/14/2019 12:00	MZT
Lead, Total		0.0035	mg/L	0.0010	1		0.015	5/14/2019 12:00	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950059** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 037-705 Main St. Date Collected: 4/30/2019 12:05

Sample Desc: WSSN: 2180, City of Essexville,Barbara Allen PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.050	mg/L	0.0010	1		1.3	5/14/2019 12:00	MZT
Lead, Total		0.0037	mg/L	0.0010	1		0.015	5/14/2019 12:00	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950060** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 037-705 Main St. Date Collected: 4/30/2019 12:05

Sample Desc: WSSN: 2180, City of Essexville,Barbara Allen PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.018	mg/L	0.0010	1		1.3	5/14/2019 12:12	MZT
Lead, Total		0.0063	mg/L	0.0010	1		0.015	5/14/2019 12:12	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950061** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 038-809 Main St. Date Collected: 5/1/2019 07:00

Sample Desc: WSSN: 2180, City of Essexville, Michelle Windt PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.33	mg/L	0.0010	1		1.3	5/14/2019 12:12	MZT
Lead, Total		0.0013	mg/L	0.0010	1		0.015	5/14/2019 12:12	MZT

RECEIVED
JUN 10 2019
DWNAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950062** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 038-809 Main St. Date Collected: 5/1/2019 07:00

Sample Desc: WSSN: 2180, City of Essexville, Michelle Windt PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.088	mg/L	0.0010	1		1.3	5/14/2019 12:12	MZT
Lead, Total		0.0046	mg/L	0.0010	1		0.015	5/14/2019 12:12	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950063** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 039-903 Main St. Date Collected: 4/29/2019 20:30

Sample Desc: WSSN: 2180, City of Essexville, Ashley Vanaker PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.12	mg/L	0.0010	1		1.3	5/14/2019 12:12	MZT
Lead, Total		0.0011	mg/L	0.0010	1		0.015	5/14/2019 12:12	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950064** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 039-903 Main St. Date Collected: 4/29/2019 20:30

Sample Desc: WSSN: 2180, City of Essexville, Ashley Vanaker PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.13	mg/L	0.0010	1		1.3	5/14/2019 12:12	MZT
Lead, Total		0.0032	mg/L	0.0010	1		0.015	5/14/2019 12:12	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950065** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 040-217 Marshall St. Date Collected: 5/2/2019 07:30

Sample Desc: WSSN: 2180, City of Essexville, Jeff Chandler PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.14	mg/L	0.0010	1		1.3	5/14/2019 12:12	MZT
Lead, Total		0.0020	mg/L	0.0010	1		0.015	5/14/2019 12:12	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950066** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 040-217 Marshall St. Date Collected: 5/2/2019 07:30

Sample Desc: WSSN: 2180, City of Essexville, Jeff Chandler PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0095	mg/L	0.0010	1		1.3	5/14/2019 12:12	MZT
Lead, Total		0.0018	mg/L	0.0010	1		0.015	5/14/2019 12:12	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950067** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 041-304 Marshall St. Date Collected: 5/1/2019 05:20

Sample Desc: WSSN: 2180, City of Essexville, Melissa Ekseth PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0071	mg/L	0.0010	1		1.3	5/14/2019 12:12	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 12:12	MZT

RECEIVED
JUN 10 2019
DWRAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12849 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950068** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 041-304 Marshall St. Date Collected: 5/1/2019 05:20

Sample Desc: WSSN: 2180, City of Essexville, Melissa Ekseth PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0052	mg/L	0.0010	1		1.3	5/14/2019 12:37	MZT
Lead, Total		0.0056	mg/L	0.0010	1		0.015	5/14/2019 12:37	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950069** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 042-402 Marshall St. Date Collected: 4/30/2019 09:30

Sample Desc: WSSN: 2180, City of Essexville, Christopher Scheddel PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.13	mg/L	0.0010	1		1.3	5/14/2019 12:37	MZT
Lead, Total		0.0014	mg/L	0.0010	1		0.015	5/14/2019 12:37	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950070** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 042-402 Marshall St. Date Collected: 4/30/2019 09:30

Sample Desc: WSSN: 2180, City of Essexville, Christopher Scheddel PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.023	mg/L	0.0010	1		1.3	5/14/2019 12:37	MZT
Lead, Total		0.0034	mg/L	0.0010	1		0.015	5/14/2019 12:37	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950071** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 043-1102 Mercer St. Date Collected: 5/2/2019 19:30

Sample Desc: WSSN: 2180, City of Essexville, Desiree Durocher PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.078	mg/L	0.0010	1		1.3	5/14/2019 12:37	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 12:37	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950072** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 043-1102 Mercer St. Date Collected: 5/2/2019 19:30

Sample Desc: WSSN: 2180, City of Essexville, Desiree Durocher PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.041	mg/L	0.0010	1		1.3	5/14/2019 12:37	MZT
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	5/14/2019 12:37	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950073** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 044-1204 Mercer St. Date Collected: 4/30/2019 05:30

Sample Desc: WSSN: 2180, City of Essexville, Lance Johnson PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.19	mg/L	0.0010	1		1.3	5/14/2019 12:37	MZT
Lead, Total		0.0021	mg/L	0.0010	1		0.015	5/14/2019 12:37	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950074** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 044-1204 Mercer St. Date Collected: 4/30/2019 05:30

Sample Desc: WSSN: 2180, City of Essexville, Lance Johnson PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.061	mg/L	0.0010	1		1.3	5/14/2019 12:37	MZT
Lead, Total		0.010	mg/L	0.0010	1		0.015	5/14/2019 12:37	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950075** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 045-1407 St. Date Collected: 5/1/2019 07:30

Sample Desc: WSSN: 2180, City of Essexville, Mark Schultz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.20	mg/L	0.0010	1		1.3	5/14/2019 12:37	MZT
Lead, Total		0.0014	mg/L	0.0010	1		0.015	5/14/2019 12:37	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950076** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 045-1407 Mercer St. Date Collected: 5/1/2019 07:30

Sample Desc: WSSN: 2180, City of Essexville, Mark Schultz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.032	mg/L	0.0010	1		1.3	5/14/2019 12:48	MZT
Lead, Total		0.0015	mg/L	0.0010	1		0.015	5/14/2019 12:48	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950077** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 046-1506 Mercer St. Date Collected: 4/29/2019 15:40

Sample Desc: WSSN: 2180, City of Essexville, Kori Porier PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.14	mg/L	0.0010	1		1.3	5/14/2019 12:48	MZT
Lead, Total	H	0.028	mg/L	0.0010	1		0.015	5/14/2019 12:48	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950078** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 046-1506 Mercer St. Date Collected: 4/29/2019 15:40

Sample Desc: WSSN: 2180, City of Essexville, Kori Porier PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.017	mg/L	0.0010	1		1.3	5/14/2019 12:48	MZT
Lead, Total		0.014	mg/L	0.0010	1		0.015	5/14/2019 12:48	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 354095 ESSEXVILLE-050919

Lab ID: **3540950079** Date Received: 5/8/2019 11:00 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 047-112 Scheurmann Date Collected: 4/30/2019 08:30

Sample Desc: WSSN: 2180, City of Essexville, Norma Collier PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.011	mg/L	0.0010	1		1.3	5/14/2019 12:48	MZT
Lead, Total		0.0036	mg/L	0.0010	1		0.015	5/14/2019 12:48	MZT

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 5/16/2019 11:35:47 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 354095 ESSEXVILLE-050919

PARAMETER QUALIFIERS

Lab ID: 3540950004

H Result (or RL) is above Max limit.

Lab ID: 3540950030

H Result (or RL) is above Max limit.

Lab ID: 3540950077

H Result (or RL) is above Max limit.

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

City of Essexville, Bay County Lead & Copper Spring 2019 WSSN 2180

#	Sample ID:	Mailing Address	Mailing Last Name	Mailing First Name	Mailing Essexville	Tier	Category	Municipal Service Line	Private Service Line	Bldg. Plmb.	Collected By	Kitchen or Bathroom Tap	Sample Date	Time Sampled	1st sample Lead PPB	1st sample Copper PPB	2nd sample Lead PPB	2nd sample Copper PPB	Sample Bottles Picked up from Customer Date
1	2180-002	610 Burns st.	Lalonde	Louise	Essexville	1	A	Lead	Lead	Copper		Kitchen							
2	2180-008	1408 Mercer st.	Scherzer	Gary	Essexville	1	A	Lead	Copper	Copper		Kitchen							
3	2180-004	807 Main st	Clark	William	Essexville	1	A	Lead	Galvanized	Galvanized		Kitchen							
4	2180-005	1504 Prarie st.	Vanwormer	Mary	Essexville	1	A	Lead	Copper	Copper		Kitchen							
5	2180-008	311 Plummer st.	Reinke	Jerome	Essexville	1	A	Lead	Copper	Copper		Kitchen							
6	2180-013	710 Burns st.	Ernst	Ron	Essexville	1	A	Lead	Copper	Copper		Kitchen							
7	2180-014	801 Burns st.	Tollefsrud	Kenneth	Essexville	1	A	Lead	Copper	Copper		Kitchen							
8	2180-015	412 Caroline st.	Byers	Jennifer	Essexville	1	A	Lead	Copper	Copper		Kitchen							
9	2180-016	1102 Dunbar st.	Eyre	Brian	Essexville	1	A	Lead	Copper	Copper		Kitchen							
10	2180-017	1106 Dunbar st.	Thurman	Erica	Essexville	1	A	Lead	Copper	Copper		Kitchen							
11	2180-018	1108 Dunbar st.	Pruder	Amanda	Essexville	1	A	Lead	Copper	Cpvc		Kitchen							
12	2180-019	1110 Dunbar st	Roth	Elaine	Essexville	1	A	Lead	Copper	Copper		Kitchen							
13	2180-020	1208 Dunbar St	Tollfree	Renee	Essexville	1	A	Lead	Copper	Copper		Kitchen							
14	2180-021	1302 Dunbar st.	Kaunitz	Michelle	Essexville	1	A	Lead	Galvanized	Galvanized		Kitchen							
15	2180-022	1305 Dunbar st.	Nolan	Sandra	Essexville	1	A	Lead	Lead	Galvanized		Kitchen							
16	2180-023	1309 Dunbar st.	Zachariah	Ann	Essexville	1	A	Lead	Lead	Gal/Cop		Kitchen							
17	2180-024	1407 Essex St.	Cushway	Bethlah	Essexville	1	A	Lead	Lead	Galvanized		Kitchen							
18	2180-025	619 Hart st.	Sprague	Helen	Essexville	1	A	Lead	Lead	Galvanized		Kitchen							
19	2180-026	708 Hart st.	Busheng	Michael	Essexville	1	A	Lead	Lead	Copper		Kitchen							
20	2180-027	1000 Hart st.	Czapiga	Jason	Essexville	1	A	Lead	Copper	Copper		Kitchen							
21	2180-028	1810 James st.	Clark	William	Essexville	1	A	Lead	Galvanized	Galvanized		Kitchen							
22	2180-029	1902 James st.	Beauch	Sharon	Essexville	1	A	Lead	Copper	Copper		Kitchen							
23	2180-030	1200 Langstaff st.	Richards	Nancy	Essexville	1	A	Lead	Lead	Gal/Cop		Kitchen							
24	2180-031	504 Main st.	Kasper	Sarah	Essexville	1	A	Lead	Lead	Copper		Kitchen							
25	2180-032	510 Main st.	Fritz	Ron	Essexville	1	A	Lead	Lead	Gal/Cop		Kitchen							
26	2180-033	602 Main st.	Kyllonen	James	Essexville	1	A	Lead	Lead	Copper		Kitchen							
27	2180-034	606 Main st.	Brunette	Thomas	Essexville	1	A	Lead	Lead	Copper		Kitchen							
28	2180-035	618 Main st.	Wisnewski	Thomas	Essexville	1	A	Lead	Lead	Gal/Cop		Kitchen							
29	2180-036	620 Main st.	Young	Nelson	Essexville	1	A	Lead	Lead	Gal/Cop		Kitchen							
30	2180-037	705 Main st.	Allen	Mark	Essexville	1	A	Lead	Lead	Gal/Cop		Kitchen							
31	2180-038	809 Main st.	Windt	Michelle	Essexville	1	A	Lead	Galvanized	Galvanized		Kitchen							
32	2180-039	903 Main st.	Vanakker	Ashley	Essexville	1	A	Lead	Copper	Copper		Kitchen							
33	2180-040	217 Marshall St.	Chandler	Jeff	Essexville	1	A	Lead	Copper	Copper		Kitchen							
34	2180-041	304 Marshall St.	Ekseth	Melisa	Essexville	1	A	Lead	Galvanized	Gal/Cop		Kitchen							
35	2180-042	402 Marshall St.	Scheddel	Christopher	Essexville	1	A	Lead	Lead	Gal/Cop		Kitchen							
36	2180-043	1102 Mercer St.	Durocher	Desiree	Essexville	1	A	Lead	Copper	Copper		Kitchen							
37	2180-044	1204 Mercer st.	Johnson	Lance	Essexville	1	A	Lead	Lead	Galvanized		Kitchen							
38	2180-045	1407 Mercer St.	Schultz	Mark	Essexville	1	A	Lead	Lead	Copper		Kitchen							
39	2180-046	1506 Mercer st.	Poirier	Kori	Essexville	1	A	Lead	Lead	Gal/Cop		Kitchen							
40	2180-047	112 Scheurmann	Collier	Norma	Essexville	1	A	Copper	Lead	Galvanized		Kitchen							

Chain of Custody Record

	Released Print and Sign	Received Print and sign	Date & Time
1			
2			
3			
4			
5			

City of Essexville
Bay County Spring 2019

	1st sample Lead PPB	1st sample Copper PPB
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		

RECEIVED
JUN 19 2019
DWMAB - SAGINAW BAY

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

354095
8 ESSEXVILLE
7 Essexville WDS

Client Name:	City of Essexville Dept. of Public Works
Contact Person:	Dave Diem
Mailing Address:	1500 Pine Street
City, State, Zip:	Essexville, MI. 48732
Phone and Fax:	(989) 415-0866 Fax (989) 893-6101
Email:	essexvillewater@outlook.com; ljan@baycodws.org;
Client Job Name / No.:	
Job Location:	City of Essexville
WSSN #: 2180	PIN #:
Sampled By:	PO No.:

Remarks:

Please Add Email notification to
Ryan Goebel<rgoe@baycodws.org;

1st & 5th Liters

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☒
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☒
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID		Matrix	No. of containers	Lead & Copper	PARAGON SAMPLE NO.
61	5/01/19	7:00 AM	X		1st Liter 038-809 Main St.,	Michelle Windt	DW	1	X	354095-61
62	5/01/19	7:00 AM	X		5th Liter 038-809 Main St.,	Michelle Windt	DW	1	X	
63	4/29/19	8:30 PM	X		1st Liter 039-903 Main St.,	Ashley Vanaker	DW	1	X	
64	4/29/19	8:30 PM	X		5th Liter 039-903 Main St.,	Ashley Vanaker	DW	1	X	
65	5/02/19	7:30 AM	X		1st Liter 040-217 Marshall St.,	Jeff Chandler	DW	1	X	
66	5/02/19	7:30 AM	X		5th Liter 040-217 Marshall St.,	Jeff Chandler	DW	1	X	
67	5/01/19	5:20 AM	X		1st Liter 041-304 Marshall St.,	Melissa Ekseth	DW	1	X	
68	5/01/19	5:20 AM	X		5th Liter 041-304 Marshall St.,	Melissa Ekseth	DW	1	X	
69	4/30/19	9:30 AM	X		1st Liter 042-402 Marshall St.,	Christopher Scheddel	DW	1	X	
70	4/30/19	9:30 AM	X		5th Liter 042-402 Marshall St.,	Christopher Scheddel	DW	1	X	0570

Tran. #	Released By	Received By	Date	Time
1.			5/8/19	11:00Am
2.				
3.				
4.				

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

RECEIVED
JUN 10 2019
DWMAD - SAGINAW BAY

354095
ESSEXVILLE
Essexville WDS

Client Name:	City of Essexville Dept. of Public Works
Contact Person:	Dave Diem
Mailing Address:	1500 Pine Street
City, State, Zip:	Essexville, MI. 48732
Phone and Fax:	(989) 415-0866 Fax (989) 893-6101
Email:	essexvillewater@outlook.com; ljan@baycodws.org;
Client Job Name / No.:	
Job Location:	City of Essexville
WSSN #: 2180	PIN #:
Sampled By:	PO No.:

Remarks:

Please Add Email notification to
Ryan Goebel<rgoe@baycodws.org;

1st & 5th Liters

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☒
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☒
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater W = Water D = Diesel BD = Biodiesel G = Gasoline E8 = E85 O = Oil SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID		Matrix	No. of containers	Lead & copper	PARAGON SAMPLE NO.
71	5/02/19	7:30 PM	X		1st Liter 043-1102 Mercer St.,	Desiree Durocher	DW	1	X	354095071
72	5/02/19	7:30 PM	X		5th Liter 043-1102 Mercer St.,	Desiree Durocher	DW	1	X	
73	4/30/19	5:30 AM	X		1st Liter 044-1204 Mercer St.,	Lance Johnson	DW	1	X	
74	4/30/19	5:30 AM	X		5th Liter 044-1204 Mercer St.,	Lance Johnson	DW	1	X	
75	5/01/19	7:30 AM	X		1st Liter 045-1407 Mercer St.,	Mark Schultz	DW	1	X	
76	5/01/19	7:30 AM	X		5th Liter 045-1407 Mercer St.,	Mark Schultz	DW	1	X	
77	4/29/19	3:40 PM	X		1st Liter 046-1506 Mercer St.,	Kori Porier	DW	1	X	
78	4/29/19	3:40 PM	X		5th Liter 046-1506 Mercer St.,	Kori Porier	DW	1	X	
79	4/30/19	8:30 AM	X		1st Liter 047-112 Scheurmann,	Norma Collier	DW	1	X	
80	4/30/19	8:30 AM	X		5th Liter 047-112 Scheurmann,	Norma Collier	DW	1	X	

Tran. #	Released By	Received By	Date	Time
1.			5/8/19	11:00 Am
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

PARAGON Laboratories

November 12, 2019

Dave Diem
Essexville WDS
1500 Pine St.
Essexville, MI 48732

RE: Workorder: 358351

Dear Dave Diem:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 358351 ESSEXVILLE-110619

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3583510001	1st Liter 002-610 Burns St	WSSN: 2180, City of Essexville, Louise LaLonde	Drinking Water	10/30/2019 07:30	11/6/2019 15:15	
3583510002	5th Liter 002-610 Burns St	WSSN: 2180, City of Essexville, Louise LaLonde	Drinking Water	10/30/2019 07:30	11/6/2019 15:15	
3583510003	1st Liter 004-807 Main St	WSSN: 2180, City of Essexville, William Clark	Drinking Water	10/30/2019 05:00	11/6/2019 15:15	
3583510004	5th Liter 004-807 Main St	WSSN: 2180, City of Essexville, William Clark	Drinking Water	10/30/2019 05:00	11/6/2019 15:15	
3583510005	1st Liter 005-1504 Prairie St	WSSN: 2180, City of Essexville, Mary K Pacholka	Drinking Water	10/30/2019 07:30	11/6/2019 15:15	
3583510006	5th Liter 005-1504 Prairie St	WSSN: 2180, City of Essexville, Mary K Pacholka	Drinking Water	10/30/2019 07:30	11/6/2019 15:15	
3583510007	1st Liter 013-710 Burns St	WSSN: 2180, City of Essexville, Ronald D Erndt	Drinking Water	10/29/2019 05:00	11/6/2019 15:15	
3583510008	5th Liter 013-710 Burns St	WSSN: 2180, City of Essexville, Ronald D Erndt	Drinking Water	10/29/2019 05:00	11/6/2019 15:15	
3583510009	1st Liter 014-801 Burns St	WSSN: 2180, City of Essexville, Kenneth Tollefsrud	Drinking Water	10/30/2019 08:00	11/6/2019 15:15	
3583510010	5th Liter 014-801 Burns St	WSSN: 2180, City of Essexville, Kenneth Tollefsrud	Drinking Water	10/30/2019 08:00	11/6/2019 15:15	
3583510011	1st Liter 015-412 Caroline St	WSSN: 2180, City of Essexville, Jennifer Ryers	Drinking Water	10/29/2019 05:50	11/6/2019 15:15	
3583510012	5th Liter 015-412 Caroline St	WSSN: 2180, City of Essexville, Jennifer Ryers	Drinking Water	10/29/2019 05:50	11/6/2019 15:15	
3583510013	1st Liter 016-1102 Dunbar St	WSSN: 2180, City of Essexville, Brian Eyre	Drinking Water	10/30/2019 04:30	11/6/2019 15:15	
3583510014	5th Liter 016-1102 Dunbar St	WSSN: 2180, City of Essexville, Brian Eyre	Drinking Water	10/30/2019 04:30	11/6/2019 15:15	
3583510015	1st Liter 017-1106 Dunbar St	WSSN: 2180, City of Essexville, Erica Thurman	Drinking Water	10/29/2019 18:30	11/6/2019 15:15	
3583510016	5th Liter 017-1106 Dunbar St	WSSN: 2180, City of Essexville, Erica Thurman	Drinking Water	10/29/2019 18:30	11/6/2019 15:15	
3583510017	1st Liter 018-1108 Dunbar St	WSSN: 2180, City of Essexville, Amanda Pruder	Drinking Water	10/29/2019 16:00	11/6/2019 15:15	
3583510018	5th Liter 018-1108 Dunbar St	WSSN: 2180, City of Essexville, Amanda Pruder	Drinking Water	10/29/2019 16:00	11/6/2019 15:15	

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 358351 ESSEXVILLE-110619

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3583510019	1st Liter 020-1208 Dunbar St	WSSN: 2180, City of Essexville, Renee M Tollfree	Drinking Water	10/30/2019 04:30	11/6/2019 15:15	
3583510020	5th Liter 020-1208 Dunbar St	WSSN: 2180, City of Essexville, Renee M Tollfree	Drinking Water	10/30/2019 04:30	11/6/2019 15:15	
3583510021	1st Liter 021-1302 Dunbar St	WSSN: 2180, City of Essexville, Michelle Kaunitz	Drinking Water	10/30/2019 05:00	11/6/2019 15:15	
3583510022	5th Liter 021-1302 Dunbar St	WSSN: 2180, City of Essexville, Michelle Kaunitz	Drinking Water	10/30/2019 05:00	11/6/2019 15:15	
3583510023	1st Liter 022-1305 Dunbar St	WSSN: 2180, City of Essexville, Sandra Nolan	Drinking Water	10/29/2019 08:00	11/6/2019 15:15	
3583510024	5th Liter 022-1305 Dunbar St	WSSN: 2180, City of Essexville, Sandra Nolan	Drinking Water	10/29/2019 08:00	11/6/2019 15:15	
3583510025	1st Liter 023-1309 Dunbar St	WSSN: 2180, City of Essexville, Ann M Zachariah	Drinking Water	10/30/2019 06:00	11/6/2019 15:15	
3583510026	5th Liter 023-1309 Dunbar St	WSSN: 2180, City of Essexville, Ann M Zachariah	Drinking Water	10/30/2019 06:00	11/6/2019 15:15	
3583510027	1st Liter 024-1407 Essex St	WSSN: 2180, City of Essexville, Bethiah Cushway	Drinking Water	10/30/2019 06:15	11/6/2019 15:15	
3583510028	5th Liter 024-1407 Essex St	WSSN: 2180, City of Essexville, Bethiah Cushway	Drinking Water	10/30/2019 06:15	11/6/2019 15:15	
3583510029	1st Liter 025-619 Hart St	WSSN: 2180, City of Essexville, Helen Sprague	Drinking Water	10/30/2019 06:15	11/6/2019 15:15	
3583510030	5th Liter 025-619 Hart St	WSSN: 2180, City of Essexville, Helen Sprague	Drinking Water	10/30/2019 06:15	11/6/2019 15:15	
3583510031	1st Liter 026-708 Hart St	WSSN: 2180, City of Essexville, Michael J Bushong	Drinking Water	10/30/2019 05:00	11/6/2019 15:15	
3583510032	5th Liter 026-708 Hart St	WSSN: 2180, City of Essexville, Michael J Bushong	Drinking Water	10/30/2019 05:00	11/6/2019 15:15	
3583510033	1st Liter 027-1000 Hart St	WSSN: 2180, City of Essexville, Jason Czapiga	Drinking Water	10/31/2019 06:30	11/6/2019 15:15	
3583510034	5th Liter 027-1000 Hart St	WSSN: 2180, City of Essexville, Jason Czapiga	Drinking Water	10/31/2019 06:30	11/6/2019 15:15	
3583510035	1st Liter 028-1810 James St	WSSN: 2180, City of Essexville, Will Clark	Drinking Water	10/30/2019 04:00	11/6/2019 15:15	
3583510036	5th Liter 028-1810 James St	WSSN: 2180, City of Essexville, Will Clark	Drinking Water	10/30/2019 04:00	11/6/2019 15:15	

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 358351 ESSEXVILLE-110619

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3583510037	1st Liter 029-1902 James St	WSSN: 2180, City of Essexville, Sharon Beauch	Drinking Water	10/30/2019 07:25	11/6/2019 15:15	
3583510038	5th Liter 029-1902 James St	WSSN: 2180, City of Essexville, Sharon Beauch	Drinking Water	10/30/2019 07:25	11/6/2019 15:15	
3583510039	1st Liter 030-1200 Langstaff S	WSSN: 2180, City of Essexville, Nancy A Richards	Drinking Water	10/31/2019 08:00	11/6/2019 15:15	
3583510040	5th Liter 030-1200 Langstaff S	WSSN: 2180, City of Essexville, Nancy A Richards	Drinking Water	10/31/2019 08:00	11/6/2019 15:15	
3583510041	1st Liter 031-504 Main St	WSSN: 2180, City of Essexville, Sarah Kasper- Little	Drinking Water	10/30/2019 06:20	11/6/2019 15:15	
3583510042	5th Liter 031-504 Main St	WSSN: 2180, City of Essexville, Sarah Kasper- Little	Drinking Water	10/30/2019 06:20	11/6/2019 15:15	
3583510043	1st Liter 032-510 Main St	WSSN: 2180, City of Essexville, Ronald A Fritz	Drinking Water	10/30/2019 06:15	11/6/2019 15:15	
3583510044	5th Liter 032-510 Main St	WSSN: 2180, City of Essexville, Ronald A Fritz	Drinking Water	10/30/2019 06:15	11/6/2019 15:15	
3583510045	1st Liter 033-602 Main St	WSSN: 2180, City of Essexville, Dorthy Kyllonen	Drinking Water	10/30/2019 05:30	11/6/2019 15:15	
3583510046	5th Liter 033-602 Main St	WSSN: 2180, City of Essexville, Dorthy Kellonen	Drinking Water	10/30/2019 05:30	11/6/2019 15:15	
3583510047	1st Liter 034-606 Main St	WSSN: 2180, City of Essexville, Tom Brunette	Drinking Water	10/29/2019 08:30	11/6/2019 15:15	
3583510048	5th Liter 034-606 Main St	WSSN: 2180, City of Essexville, Tom Brunette	Drinking Water	10/29/2019 08:30	11/6/2019 15:15	
3583510049	1st Liter 035-618 Main St	WSSN: 2180, City of Essexville, Tom Wisnewski	Drinking Water	10/30/2019 05:00	11/6/2019 15:15	
3583510050	5th Liter 035-618 Main St	WSSN: 2180, City of Essexville, Tom Wisnewski	Drinking Water	10/30/2019 05:00	11/6/2019 15:15	
3583510051	1st Liter 036-620 Main St	WSSN: 2180, City of Essexville, Alice Young	Drinking Water	10/29/2019 08:30	11/6/2019 15:15	
3583510052	5th Liter 036-620 Main St	WSSN: 2180, City of Essexville, Alice Young	Drinking Water	10/29/2019 08:30	11/6/2019 15:15	
3583510053	1st Liter 037-705 Main St	WSSN: 2180, City of Essexville, Barb Allen	Drinking Water	10/30/2019 06:00	11/6/2019 15:15	
3583510054	5th Liter 037-705 Main St	WSSN: 2180, City of Essexville, Barb Allen	Drinking Water	10/30/2019 06:00	11/6/2019 15:15	
3583510055	1st Liter 038-809 Main St	WSSN: 2180, City of Essexville, Michelle Windt	Drinking Water	10/29/2019 11:50	11/6/2019 15:15	

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 358351 ESSEXVILLE-110619

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3583510056	5th Liter 038-809 Main St	WSSN: 2180, City of Essexville, Michelle Windt	Drinking Water	10/29/2019 11:50	11/6/2019 15:15	
3583510057	1st Liter 039-903 Main St	WSSN: 2180, City of Essexville, Ashley Van Akker	Drinking Water	10/29/2019 20:26	11/6/2019 15:15	
3583510058	5th Liter 039-903 Main St	WSSN: 2180, City of Essexville, Ashley Van Akker	Drinking Water	10/29/2019 20:26	11/6/2019 15:15	
3583510059	1st Liter 040-217 Marshall St	WSSN: 2180, City of Essexville, Jeff Chandler	Drinking Water	10/31/2019 20:30	11/6/2019 15:15	
3583510060	5th Liter 040-217 Marshall St	WSSN: 2180, City of Essexville, Jeff Chandler	Drinking Water	10/31/2019 20:30	11/6/2019 15:15	
3583510061	1st Liter 041-304 Marshall St	WSSN: 2180, City of Essexville, Melissa Ekseth	Drinking Water	10/30/2019 06:00	11/6/2019 15:15	
3583510062	5th Liter 041-304 Marshall St	WSSN: 2180, City of Essexville, Melissa Ekseth	Drinking Water	10/30/2019 06:00	11/6/2019 15:15	
3583510063	1st Liter 043-1102 Mercer St	WSSN: 2180, City of Essexville, Desiree Durocher	Drinking Water	11/1/2019 06:00	11/6/2019 15:15	
3583510064	5th Liter 043-1102 Mercer St	WSSN: 2180, City of Essexville, Desiree Durocher	Drinking Water	11/1/2019 06:00	11/6/2019 15:15	
3583510065	1st Liter 044-1204 Mercer St	WSSN: 2180, City of Essexville, Lance Johnson	Drinking Water	10/30/2019 06:00	11/6/2019 15:15	
3583510066	5th Liter 044-1204 Mercer St	WSSN: 2180, City of Essexville, Lance Johnson	Drinking Water	10/30/2019 06:00	11/6/2019 15:15	
3583510067	1st Liter 045-1407 Mercer St	WSSN: 2180, City of Essexville, Mark F Schultz	Drinking Water	10/30/2019 05:10	11/6/2019 15:15	
3583510068	5th Liter 045-1407 Mercer St	WSSN: 2180, City of Essexville, Mark F Schultz	Drinking Water	10/30/2019 05:10	11/6/2019 15:15	
3583510069	1st Liter 048-1308 Mercer St	WSSN: 2180, City of Essexville, Sean DesJarlais	Drinking Water	10/30/2019 05:00	11/6/2019 15:15	
3583510070	5th Liter 048-1308 Mercer St	WSSN: 2180, City of Essexville, Sean DesJarlais	Drinking Water	10/30/2019 05:00	11/6/2019 15:15	
3583510071	1st Liter 049-706 Burns St	WSSN: 2180, City of Essexville, Brian J Martin	Drinking Water	10/30/2019 06:02	11/6/2019 15:15	
3583510072	5th Liter 049-706 Burns St	WSSN: 2180, City of Essexville, Brian J Martin	Drinking Water	10/30/2019 06:02	11/6/2019 15:15	

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 358351 ESSEXVILLE-110619

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3583510073	1st Liter 050-704 Main St	WSSN: 2180, City of Essexville, Stephanie Kerkau	Drinking Water	10/31/2019 07:35	11/6/2019 15:15	
3583510074	5th Liter 050-704 Main St	WSSN: 2180, City of Essexville, Stephanie Kerkau	Drinking Water	10/31/2019 07:35	11/6/2019 15:15	
3583510075	1st Liter 051-902 Main St	WSSN: 2180, City of Essexville, Thomas M Earle	Drinking Water	10/31/2019 08:00	11/6/2019 15:15	
3583510076	5th Liter 051-902 Main St	WSSN: 2180, City of Essexville, Thomas M Earle	Drinking Water	10/31/2019 08:00	11/6/2019 15:15	
3583510077	1st Liter 052-112 Plummer St	WSSN: 2180, City of Essexville, Michael J Vanderlooven	Drinking Water	10/31/2019 04:00	11/6/2019 15:15	
3583510078	5th Liter 052-112 Plummer St	WSSN: 2180, City of Essexville, Michael J Vanderlooven	Drinking Water	10/31/2019 04:00	11/6/2019 15:15	
3583510079	1st Liter 053-800 Borton Ave	WSSN: 2180, City of Essexville, Todd Naples	Drinking Water	10/31/2019 08:15	11/6/2019 15:15	
3583510080	5th Liter 053-800 Borton Ave	WSSN: 2180, City of Essexville, Todd Naples	Drinking Water	10/31/2019 08:15	11/6/2019 15:15	

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 358351 ESSEXVILLE-110619

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 19.6°C on November 7, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510001** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 002-610 Burns St Date Collected: 10/30/2019 07:30

Sample Desc: WSSN: 2180, City of Essexville, Louise LaLonde PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.24	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0066	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510002** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 002-610 Burns St Date Collected: 10/30/2019 07:30

Sample Desc: WSSN: 2180, City of Essexville, Louise LaLonde PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.037	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.015	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510003** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 004-807 Main St Date Collected: 10/30/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, William Clark PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.017	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0023	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510004** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 004-807 Main St Date Collected: 10/30/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, William Clark PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.13	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0035	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510005** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 005-1504 Prairie St Date Collected: 10/30/2019 07:30

Sample Desc: WSSN: 2180, City of Essexville, Mary K Pacholka PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.072	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0021	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510006** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 005-1504 Prairie St Date Collected: 10/30/2019 07:30

Sample Desc: WSSN: 2180, City of Essexville, Mary K Pacholka PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0098	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510007** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 013-710 Burns St Date Collected: 10/29/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Ronald D Erndt PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.20	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510008** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 013-710 Burns St Date Collected: 10/29/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Ronald D Erndt PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.22	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510009** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 014-801 Burns St Date Collected: 10/30/2019 08:00

Sample Desc: WSSN: 2180, City of Essexville, Kenneth Tollefsrud PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.11	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0014	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510010** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 014-801 Burns St Date Collected: 10/30/2019 08:00

Sample Desc: WSSN: 2180, City of Essexville, Kenneth Tollefsrud PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.041	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0014	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510011** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 015-412 Caroline St Date Collected: 10/29/2019 05:50

Sample Desc: WSSN: 2180, City of Essexville, Jennifer Ryers PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.12	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0015	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510012** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 015-412 Caroline St Date Collected: 10/29/2019 05:50

Sample Desc: WSSN: 2180, City of Essexville, Jennifer Ryers PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.11	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0011	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510013** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 016-1102 Dunbar St Date Collected: 10/30/2019 04:30

Sample Desc: WSSN: 2180, City of Essexville, Brian Eyre PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.31	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0037	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510014** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 016-1102 Dunbar St Date Collected: 10/30/2019 04:30

Sample Desc: WSSN: 2180, City of Essexville, Brian Eyre PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.033	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.012	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510015** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 017-1106 Dunbar St Date Collected: 10/29/2019 18:30

Sample Desc: WSSN: 2180, City of Essexville, Erica Thurman PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.39	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510016** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 017-1106 Dunbar St Date Collected: 10/29/2019 18:30

Sample Desc: WSSN: 2180, City of Essexville, Erica Thurman PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.27	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510017** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 018-1108 Dunbar St Date Collected: 10/29/2019 16:00

Sample Desc: WSSN: 2180, City of Essexville, Amanda Pruder PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.025	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total	H	0.020	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510018** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 018-1108 Dunbar St Date Collected: 10/29/2019 16:00

Sample Desc: WSSN: 2180, City of Essexville, Amanda Pruder PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0084	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0092	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510019** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 020-1208 Dunbar St Date Collected: 10/30/2019 04:30

Sample Desc: WSSN: 2180, City of Essexville, Renee M Tollfree PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0088	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0066	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510020** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 020-1208 Dunbar St Date Collected: 10/30/2019 04:30

Sample Desc: WSSN: 2180, City of Essexville, Renee M Tollfree PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0061	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0092	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510021** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 021-1302 Dunbar St Date Collected: 10/30/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Michelle Kaunitz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.044	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510022** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 021-1302 Dunbar St Date Collected: 10/30/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Michelle Kaunitz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.049	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510023** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 022-1305 Dunbar St Date Collected: 10/29/2019 08:00

Sample Desc: WSSN: 2180, City of Essexville, Sandra Nolan PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.27	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0016	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510024** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 022-1305 Dunbar St Date Collected: 10/29/2019 08:00

Sample Desc: WSSN: 2180, City of Essexville, Sandra Nolan PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.071	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total	H	0.019	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510025** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 023-1309 Dunbar St Date Collected: 10/30/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Ann M Zachariah PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.24	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0051	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510026** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 023-1309 Dunbar St Date Collected: 10/30/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Ann M Zachariah PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.016	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0056	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510027** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 024-1407 Essex St Date Collected: 10/30/2019 06:15

Sample Desc: WSSN: 2180, City of Essexville, Bethiah Cushway PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0078	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0020	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510028** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 024-1407 Essex St Date Collected: 10/30/2019 06:15

Sample Desc: WSSN: 2180, City of Essexville, Bethiah Cushway PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.021	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0056	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510029** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 025-619 Hart St Date Collected: 10/30/2019 06:15

Sample Desc: WSSN: 2180, City of Essexville, Helen Sprague PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.17	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0029	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510030** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 025-619 Hart St Date Collected: 10/30/2019 06:15

Sample Desc: WSSN: 2180, City of Essexville, Helen Sprague PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.15	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0024	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510031** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 026-708 Hart St Date Collected: 10/30/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Michael J Bushong PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.070	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0042	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510032** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 026-708 Hart St Date Collected: 10/30/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Michael J Bushong PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.013	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total	H	0.016	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510033** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 027-1000 Hart St Date Collected: 10/31/2019 06:30

Sample Desc: WSSN: 2180, City of Essexville, Jason Czapiga PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.25	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510034** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 027-1000 Hart St Date Collected: 10/31/2019 06:30

Sample Desc: WSSN: 2180, City of Essexville, Jason Czapiga PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.20	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510035** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 028-1810 James St Date Collected: 10/30/2019 04:00

Sample Desc: WSSN: 2180, City of Essexville, Will Clark PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.34	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0037	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510036** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 028-1810 James St Date Collected: 10/30/2019 04:00

Sample Desc: WSSN: 2180, City of Essexville, Will Clark PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.020	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total	H	0.024	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510037** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 029-1902 James St Date Collected: 10/30/2019 07:25

Sample Desc: WSSN: 2180, City of Essexville, Sharon Beauch PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.11	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0021	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510038** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 029-1902 James St Date Collected: 10/30/2019 07:25

Sample Desc: WSSN: 2180, City of Essexville, Sharon Beauch PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.057	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0025	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510039** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 030-1200 Langstaff S Date Collected: 10/31/2019 08:00

Sample Desc: WSSN: 2180, City of Essexville, Nancy A Richards PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.16	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0091	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510040** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 030-1200 Langstaff S Date Collected: 10/31/2019 08:00

Sample Desc: WSSN: 2180, City of Essexville, Nancy A Richards PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.013	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0055	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510041** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 031-504 Main St Date Collected: 10/30/2019 06:20

Sample Desc: WSSN: 2180, City of Essexville, Sarah Kasper- Little PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.049	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0018	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510042** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 031-504 Main St Date Collected: 10/30/2019 06:20

Sample Desc: WSSN: 2180, City of Essexville, Sarah Kasper- Little PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.017	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0036	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510043** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 032-510 Main St Date Collected: 10/30/2019 06:15

Sample Desc: WSSN: 2180, City of Essexville, Ronald A Fritz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.12	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0064	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510044** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 032-510 Main St Date Collected: 10/30/2019 06:15

Sample Desc: WSSN: 2180, City of Essexville, Ronald A Fritz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.12	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total	H	0.019	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510045** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 033-602 Main St Date Collected: 10/30/2019 05:30

Sample Desc: WSSN: 2180, City of Essexville, Dorthy Kyllonen PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.16	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0021	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510046** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 033-602 Main St Date Collected: 10/30/2019 05:30

Sample Desc: WSSN: 2180, City of Essexville, Dorthy Kellonen PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.045	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.012	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510047** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 034-606 Main St Date Collected: 10/29/2019 08:30

Sample Desc: WSSN: 2180, City of Essexville, Tom Brunette PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.30	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0023	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510048** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 034-606 Main St Date Collected: 10/29/2019 08:30

Sample Desc: WSSN: 2180, City of Essexville, Tom Brunette PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.28	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0043	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510049** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 035-618 Main St Date Collected: 10/30/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Tom Wisnewski PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.011	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0039	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510050** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 035-618 Main St Date Collected: 10/30/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Tom Wisnewski PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0078	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0022	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510051** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 036-620 Main St Date Collected: 10/29/2019 08:30

Sample Desc: WSSN: 2180, City of Essexville, Alice Young PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.22	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0029	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510052** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 036-620 Main St Date Collected: 10/29/2019 08:30

Sample Desc: WSSN: 2180, City of Essexville, Alice Young PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.13	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0083	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510053** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 037-705 Main St Date Collected: 10/30/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Barb Allen PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.014	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0070	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510054** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 037-705 Main St Date Collected: 10/30/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Barb Allen PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.029	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.014	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510055** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 038-809 Main St Date Collected: 10/29/2019 11:50

Sample Desc: WSSN: 2180, City of Essexville, Michelle Windt PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.44	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total	H	0.029	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510056** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 038-809 Main St Date Collected: 10/29/2019 11:50

Sample Desc: WSSN: 2180, City of Essexville, Michelle Windt PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.087	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0051	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510057** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 039-903 Main St Date Collected: 10/29/2019 20:26

Sample Desc: WSSN: 2180, City of Essexville, Ashley Van Akker PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.12	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0025	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510058** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 039-903 Main St Date Collected: 10/29/2019 20:26

Sample Desc: WSSN: 2180, City of Essexville, Ashley Van Akker PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.13	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0069	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510059** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 040-217 Marshall St Date Collected: 10/31/2019 20:30

Sample Desc: WSSN: 2180, City of Essexville, Jeff Chandler PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.039	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0040	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510060** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 040-217 Marshall St Date Collected: 10/31/2019 20:30

Sample Desc: WSSN: 2180, City of Essexville, Jeff Chandler PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0067	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0070	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510061** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 041-304 Marshall St Date Collected: 10/30/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Melissa Ekseth PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0042	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0012	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510062** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 041-304 Marshall St Date Collected: 10/30/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Melissa Ekseth PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0028	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0011	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510063** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 043-1102 Mercer St Date Collected: 11/1/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Desiree Durocher PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.13	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510064** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 043-1102 Mercer St Date Collected: 11/1/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Desiree Durocher PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.041	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510065** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 044-1204 Mercer St Date Collected: 10/30/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Lance Johnson PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.20	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0031	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510066** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 044-1204 Mercer St Date Collected: 10/30/2019 06:00

Sample Desc: WSSN: 2180, City of Essexville, Lance Johnson PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.019	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0025	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510067** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 045-1407 Mercer St Date Collected: 10/30/2019 05:10

Sample Desc: WSSN: 2180, City of Essexville, Mark F Schultz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.22	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0025	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510068** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 045-1407 Mercer St Date Collected: 10/30/2019 05:10

Sample Desc: WSSN: 2180, City of Essexville, Mark F Schultz PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.17	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0070	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510069** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 048-1308 Mercer St Date Collected: 10/30/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Sean DesJarlais PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.037	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0012	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510070** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 048-1308 Mercer St Date Collected: 10/30/2019 05:00

Sample Desc: WSSN: 2180, City of Essexville, Sean DesJarlais PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.097	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0030	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510071** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 049-706 Burns St Date Collected: 10/30/2019 06:02

Sample Desc: WSSN: 2180, City of Essexville, Brian J Martin PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.016	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0016	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510072** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 049-706 Burns St Date Collected: 10/30/2019 06:02

Sample Desc: WSSN: 2180, City of Essexville, Brian J Martin PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.010	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.011	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510073** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 050-704 Main St Date Collected: 10/31/2019 07:35

Sample Desc: WSSN: 2180, City of Essexville, Stephanie Kerkau PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.046	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.012	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510074** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 050-704 Main St Date Collected: 10/31/2019 07:35

Sample Desc: WSSN: 2180, City of Essexville, Stephanie Kerkau PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.14	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0013	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510075** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 051-902 Main St Date Collected: 10/31/2019 08:00

Sample Desc: WSSN: 2180, City of Essexville, Thomas M Earle PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.070	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0010	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510076** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 051-902 Main St Date Collected: 10/31/2019 08:00

Sample Desc: WSSN: 2180, City of Essexville, Thomas M Earle PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.032	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0011	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510077** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 052-112 Plummer St Date Collected: 10/31/2019 04:00

Sample Desc: WSSN: 2180, City of Essexville, Michael J Vanderlooven PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.010	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.0028	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510078** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 052-112 Plummer St Date Collected: 10/31/2019 04:00

Sample Desc: WSSN: 2180, City of Essexville, Michael J Vanderlooven PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.014	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total		0.012	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510079** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 1st Liter 053-800 Borton Ave Date Collected: 10/31/2019 08:15

Sample Desc: WSSN: 2180, City of Essexville, Todd Naples PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.098	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total	H	0.10	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 358351 ESSEXVILLE-110619

Lab ID: **3583510080** Date Received: 11/6/2019 15:15 Matrix: Drinking Water (Potable)

Sample ID: 5th Liter 053-800 Borton Ave Date Collected: 10/31/2019 08:15

Sample Desc: WSSN: 2180, City of Essexville, Todd Naples PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.32	mg/L	0.0010	1		1.3	11/11/2019 11:41	MKK
Lead, Total	H	0.030	mg/L	0.0010	1		0.015	11/11/2019 11:41	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 358351 ESSEXVILLE-110619

PARAMETER QUALIFIERS

Lab ID: 3583510017

H Result (or RL) is above Max limit.

Lab ID: 3583510024

H Result (or RL) is above Max limit.

Lab ID: 3583510032

H Result (or RL) is above Max limit.

Lab ID: 3583510036

H Result (or RL) is above Max limit.

Lab ID: 3583510044

H Result (or RL) is above Max limit.

Lab ID: 3583510055

H Result (or RL) is above Max limit.

Lab ID: 3583510079

H Result (or RL) is above Max limit.

Lab ID: 3583510080

H Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

CHAIN-OF-CUSTODY RECORD

PARAGON Laboratories

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

358351 ESSEXVILLE Essexville WDS

Client Name:	City of Essexville Dept. of Public Works
Contact Person:	Dave Diem
Mailing Address:	1500 Pine Street
City, State, Zip:	Essexville, MI. 48732
Phone and Fax:	(989) 415-0866 Fax (989) 893-6101
Email:	essexvillewater@outlook.com; ljan@baycodws.org;
Client Job Name / No.:	
Job Location:	City of Essexville
WSSN #: 2180	PIN #:
Sampled By:	PO No.:

Remarks:

Samples rec ambient @ 19.4°C
KEJ 11/7/19

Please Add Email notification to
Ryan Goebel<rgoe@baycodws.org;

1st & 5th Liters

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☒
- Other: ____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☒
- Other: ____

Matrix Key
DW = Drinking Water WW = Wastewater W = Water D = Diesel BD = Biodiesel G = Gasoline E8 = E85 O = Oil Sl. = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID		Matrix	No. of containers	Lead & Copper	PARAGON SAMPLE NO.
1	10/30/19	7:30 AM	X		1st Liter 002-610 Burns St.,	Louise LaLonde	DW	1	X	358351-0001
2	10/30/19	7:30 AM	X		5th Liter 002-610 Burns St.,	Louise LaLonde	DW	1	X	-0002
3	10/30/19	5:00 AM	X		1st Liter 004-807 Main St.,	William Clark	DW	1	X	-0003
4	10/30/19	5:00 AM	X		5th Liter 004-807 Main St.,	William Clark	DW	1	X	-0004
5	10/30/19	7:30 AM	X		1st Liter 005-1504 Prairie St.,	Mary K. Pacholka	DW	1	X	-0005
6	10/30/19	7:30 AM	X		5th Liter 005-1504 Prairie St.,	Mary K. Pacholka	DW	1	X	-0006
7	10/29/19	5:00 AM	X		1st Liter 013-710 Burns St.,	Ronald D. Erndt	DW	1	X	-0007
8	10/29/19	5:00 AM	X		5th Liter 013-710 Burns St.,	Ronald D. Erndt	DW	1	X	-0008
9	10/30/19	8:00 AM	X		1st Liter 014-801 Burns St.,	Kenneth Tollefsrud	DW	1	X	-0009
10	10/30/19	8:00 AM	X		5th Liter 014-801 Burns St.,	Kenneth Tollefsrud	DW	1	X	-0010

Tran. #	Released By	Received By	Date	Time
1.	[signature]	[signature]	11/06/19	3:15 pm
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

CHAIN-OF-CUSTODY RECORD

PARAGON Laboratories
12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

358351 ESSEXVILLE Essexville SDM

Client Name:	City of Essexville Dept. of Public Works
Contact Person:	Dave Diem
Mailing Address:	1500 Pine Street
City, State, Zip:	Essexville, MI. 48732
Phone and Fax:	(989) 415-0866 Fax (989) 893-6101
Email:	essexvillewater@outlook.com; ljan@baycodws.org;
Client Job Name / No.:	
Job Location:	City of Essexville
WSSN #: 2180	PIN #:
Sampled By:	PO No.:

Remarks:

Please Add Email notification to
Ryan Goebel<rgoe@baycodws.org;

1st & 5th Liters

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☒
- Other: ____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☒
- Other: ____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead & Copper	PARAGON SAMPLE NO.
11	10/29/19	5:50 AM	X		1st Liter 015-412 Caroline St., Jennifer Ryers	DW	1	X	358351 - 001
12	10/29/19	5:50 AM	X		5th Liter 015-412 Caroline St., Jennifer Ryers	DW	1	X	-002
13	10/30/19	4:30 AM	X		1st Liter 016-1102 Dunbar St., Brian Eyre	DW	1	X	-003
14	10/30/19	4:30 AM	X		5th Liter 016-1102 Dunbar St., Brian Eyre	DW	1	X	-004
15	10/29/19	6:30 PM	X		1st Liter 017-1106 Dunbar St., Erica Thurman	DW	1	X	-005
16	10/29/19	6:30 PM	X		5th Liter 017-1106 Dunbar St., Erica Thurman	DW	1	X	-006
17	10/29/19	4:00 PM	X		1st Liter 018-1108 Dunbar St., Amanda Pruder	DW	1	X	-007
18	10/29/19	4:00 PM	X		5th Liter 018-1108 Dunbar St., Amanda Pruder	DW	1	X	-008
19	10/30/19	4:30 AM	X		1st Liter 020-1208 Dunbar St., Renee M. Tollfree	DW	1	X	-009
20	10/30/19	4:30 AM	X		5th Liter 020-1208 Dunbar St., Renee M. Tollfree	DW	1	X	-010

Tran. #	Released By	Received By	Date	Time
1.	[signature]	[signature]	11/06/19	3:15pm
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

CHAIN-OF-CUSTODY RECORD

PARAGON Laboratories
12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

Client Name:	City of Essexville Dept. of Public Works
Contact Person:	Dave Diem
Mailing Address:	1500 Pine Street
City, State, Zip:	Essexville, MI. 48732
Phone and Fax:	(989) 415-0866 Fax (989) 893-6101
Email:	essexvillewater@outlook.com; ljan@baycodws.org;
Client Job Name / No.:	
Job Location:	City of Essexville
WSSN #: 2180	PIN #:
Sampled By:	PO No.:

Remarks:

358351 ESSEXVILLE Essexville WDS

Please Add Email notification to
Ryan Goebel<rgoe@baycodws.org;

1st & 5th Liters

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☒
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☒
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead & Copper	PARAGON SAMPLE NO.
21	10/30/19	5:00 AM	X		1st Liter 021-1302 Dunbar St., Michelle Kaunitz	DW	1	X	358351 - 0021
22	10/30/19	5:00 AM	X		5th Liter 021-1302 Dunbar St., Michelle Kaunitz	DW	1	X	-0022
23	10/29/19	8:00 AM	X		1st Liter 022-1305 Dunbar St., Sandra Nolan	DW	1	X	-0023
24	10/29/19	8:00 AM	X		5th Liter 022-1305 Dunbar St., Sandra Nolan	DW	1	X	-0024
25	10/30/19	6:00 AM	X		1st Liter 023-1309 Dunbar St., Ann M. Zachariah	DW	1	X	-0025
26	10/30/19	6:00 AM	X		5th Liter 023-1309 Dunbar St., Ann M. Zachariah	DW	1	X	-0026
27	10/30/19	6:15 AM	X		1st Liter 024-1407 Essex St., Bethiah Cushway	DW	1	X	-0027
28	10/30/19	6:15 AM	X		5th Liter 024-1407 Essex St., Bethiah Cushway	DW	1	X	-0028
29	10/30/19	6:15 AM	X		1st Liter 025-619 Hart St., Helen Sprague	DW	1	X	-0029
30	10/30/19	6:15 AM	X		5th Liter 025-619 Hart St., Helen Sprague	DW	1	X	-0030

Tran. #	Released By	Received By	Date	Time
1.	[signature]	[signature]	11/06/19	3:15pm
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

CHAIN-OF-CUSTODY RECORD

PARAGON Laboratories

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

358351 ESSEXVILLE Essexville MDS

Client Name:	City of Essexville Dept. of Public Works
Contact Person:	Dave Diem
Mailing Address:	1500 Pine Street
City, State, Zip:	Essexville, MI. 48732
Phone and Fax:	(989) 415-0866 Fax (989) 893-6101
Email:	essexvillewater@outlook.com; ljan@baycodws.org;
Client Job Name / No.:	
Job Location:	City of Essexville
WSSN #: 2180	PIN #:
Sampled By:	PO No.:

Remarks:

Please Add Email notification to Ryan Goebel<rgoe@baycodws.org;

1st & 5th Liters

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☒
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☒
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID		Matrix	No. of containers	Lead & Copper	PARAGON SAMPLE NO.
31	10/30/19	5:00 AM	X		1st Liter 026-708 Hart St.,	Michael J. Bushong	DW	1	X	358351-0031
32	10/30/19	5:00 AM	X		5th Liter 026-708 Hart St.,	Michael J. Bushong	DW	1	X	-0032
33	10/31/19	6:30 AM	X		1st Liter 027-1000 Hart St.,	Jason Czapiga	DW	1	X	-0033
34	10/31/19	6:30 AM	X		5th Liter 027-1000 Hart St.,	Jason Czapiga	DW	1	X	-0034
35	10/30/19	4:00 AM	X		1st Liter 028-1810 James St.,	Will Clark	DW	1	X	-0035
36	10/30/19	4:00 AM	X		5th Liter 028-1810 James St.,	Will Clark	DW	1	X	-0036
37	10/30/19	7:25 AM	X		1st Liter 029-1902 James St.,	Sharon Beauch	DW	1	X	-0037
38	10/30/19	7:25 AM	X		5th Liter 029-1902 James St.,	Sharon Beauch	DW	1	X	-0038
39	10/31/19	8:00 AM	X		1st Liter 030-1200 Langstaff St.,	Nancy A. Richards	DW	1	X	-0039
40	10/31/19	8:00 AM	X		5th Liter 030-1200 Langstaff St.,	Nancy A. Richards	DW	1	X	-0040

Tran. #	Released By	Received By	Date	Time
1.	[signature]	[signature]	11/06/19	3:15 pm
2.				
3.				
4.				

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

358351 ESSEXVILLE Essexville MDS

Client Name:	City of Essexville Dept. of Public Works
Contact Person:	Dave Diem
Mailing Address:	1500 Pine Street
City, State, Zip:	Essexville, MI. 48732
Phone and Fax:	(989) 415-0866 Fax (989) 893-6101
Email:	essexvillewater@outlook.com; ljan@baycodws.org;
Client Job Name / No.:	
Job Location:	City of Essexville
WSSN #: 2180	PIN #:
Sampled By:	PO No.:

Remarks:

Please Add Email notification to
Ryan Goebel<rgoe@baycodws.org;

1st & 5th Liters

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☒
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☒
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID		Matrix	No. of containers	Lead & Copper	PARAGON SAMPLE NO.
41	10/30/19	6:20 AM	X		1st Liter 031-504 Main St	Sarah Kasper - Little	DW	1	X	358351 - 0041
42	10/30/19	6:20 AM	X		5th Liter 031-504 Main St.,	Sarah Kasper - Little	DW	1	X	-0042
43	10/30/19	6:15 AM	X		1st Liter 032-510 Main St.,	Ronald A. Fritz	DW	1	X	-0043
44	10/30/19	6:15 AM	X		5th Liter 032-510 Main St.,	Ronald A. Fritz	DW	1	X	-0044
45	10/30/19	5:30 AM	X		1st Liter 033-602 Main St.,	Dorthy Kyllonen	DW	1	X	-0045
46	10/30/19	5:30 AM	X		5th Liter 033-602 Main St.,	Dorthy Kellonen	DW	1	X	-0046
47	10/29/19	8:30 AM	X		1st Liter 034-606 Main St.,	Tom Brunette	DW	1	X	-0047
48	10/29/19	8:30 AM	X		5th Liter 034-606 Main St.,	Tom Brunette	DW	1	X	-0048
49	10/30/19	5:00 AM	X		1st Liter 035-618 Main St ,	Tom Wisnewski	DW	1	X	-0049
50	10/30/19	5:00 AM	X		5th Liter 035-618 Main St.,	Tom Wisnewski	DW	1	X	-0050

Tran. #	Released By	Received By	Date	Time
1.	[signature]	[signature]	11/06/19	3:15pm
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

358351 ESSEXVILLE Essexville MDS

Client Name:	City of Essexville Dept. of Public Works
Contact Person:	Dave Diem
Mailing Address:	1500 Pine Street
City, State, Zip:	Essexville, MI. 48732
Phone and Fax:	(989) 415-0866 Fax (989) 893-6101
Email:	essexvillewater@outlook.com; ljan@baycodws.org;
Client Job Name / No.:	
Job Location:	City of Essexville
WSSN #: 2180	PIN #:
Sampled By:	PO No.:

Remarks:

Please Add Email notification to Ryan Goebel<rgoe@baycodws.org;

1st & 5th Liters

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☒
- Other: ____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☒
- Other: ____

Matrix Key
DW = Drinking Water WW = Wastewater W = Water D = Diesel BD = Biodiesel G = Gasoline E8 = E85 O = Oil SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID		Matrix	No. of containers	Lead & Copper	PARAGON SAMPLE NO.
51	10/29/19	8:30 AM	X		1st Liter 036-620 Main St.,	Alice Young	DW	1	X	358351 - 0051
52	10/29/19	8:30 AM	X		5th Liter 036-620 Main St.,	Alice Young	DW	1	X	-0052
53	10/30/19	6:00 AM	X		1st Liter 037-705 Main St.,	Barb Allen	DW	1	X	-0053
54	10/30/19	6:00 AM	X		5th Liter 037-705 Main St.,	Barb Allen	DW	1	X	-0054
55	10/29/19	11:50 AM	X		1st Liter 038-809 Main St.,	Michelle Windt	DW	1	X	-0055
56	10/29/19	11:50 AM	X		5th Liter 038-809 Main St.,	Michelle Windt	DW	1	X	-0056
57	10/29/19	8:26 PM	X		1st Liter 039-903 Main St.,	Ashley Van Akker	DW	1	X	-0057
58	10/29/19	8:26 PM	X		5th Liter 039-903 Main St.,	Ashley Van Akker	DW	1	X	-0058
59	10/31/19	8:30 PM	X		1st Liter 040-217 Marshall St.,	Jeff Chandler	DW	1	X	-0059
60	10/31/19	8:30 PM	X		5th Liter 040-217 Marshall St.,	Jeff Chandler	DW	1	X	-0060

Tran. #	Released By	Received By	Date	Time
1.	[signature]	[signature]	11/06/19	3:15pm
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

358351 ESSEXVILLE Essexville MDS

Client Name:	City of Essexville Dept. of Public Works
Contact Person:	Dave Diem
Mailing Address:	1500 Pine Street
City, State, Zip:	Essexville, MI. 48732
Phone and Fax:	(989) 415-0866 Fax (989) 893-6101
Email:	essexvillewater@outlook.com; ljan@baycodws.org;
Client Job Name / No.:	
Job Location:	City of Essexville
WSSN #: 2180	PIN #:
Sampled By:	PO No.:

Remarks:

Please Add Email notification to
Ryan Goebel<rgoe@baycodws.org;

1st & 5th Liters

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☒
- Other: ____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☒
- Other: ____

Matrix Key
DW = Drinking Water WW = Wastewater W = Water D = Diesel BD = Biodiesel G = Gasoline E8 = E85 O = Oil SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID		Matrix	No. of containers	Lead & Copper	PARAGON SAMPLE NO.
61	10/30/19	6:00 AM	X		1st Liter 041-304 Marshall St.,	Melissa Ekseth	DW	1	X	358351-0061
62	10/30/19	6:00 AM	X		5th Liter 041-304 Marshall St.,	Melissa Ekseth	DW	1	X	-0062
63	11/01/19	6:00 AM	X		1st Liter 043-1102 Mercer St.,	Desiree Durocher	DW	1	X	-0063
64	11/01/19	6:00 AM	X		5th Liter 043-1102 Mercer St.,	Desiree Durocher	DW	1	X	-0064
65	10/30/19	6:00 AM	X		1st Liter 044-1204 Mercer St.,	Lance Johnson	DW	1	X	-0065
66	10/30/19	6:00 AM	X		5th Liter 044-1204 Mercer St.,	Lance Johnson	DW	1	X	-0066
67	10/30/19	5:10 AM	X		1st Liter 045-1407 Mercer St.,	Mark F. Schultz	DW	1	X	-0067
68	10/30/19	5:10 AM	X		5th Liter 045-1407 Mercer St.,	Mark F. Schultz	DW	1	X	-0068
69	10/30/19	5:00 AM	X		1st Liter 048-1308 Mercer St.,	Sean DesJarlais	DW	1	X	-0069
70	10/30/19	5:00 AM	X		5th Liter 048-1308 Mercer St.,	Sean DesJarlais	DW	1	X	-0070

Tran. #	Released By	Received By	Date	Time
1.	[signature]	[signature]	11/06/19	3:15pm
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

PARAGON Laboratories

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

358351 ESSEXVILLE Essexville MDS

Client Name:	City of Essexville Dept. of Public Works
Contact Person:	Dave Diem
Mailing Address:	1500 Pine Street
City, State, Zip:	Essexville, MI. 48732
Phone and Fax:	(989) 415-0866 Fax (989) 893-6101
Email:	essexvillewater@outlook.com; ljan@baycodws.org;
Client Job Name / No.:	
Job Location:	City of Essexville
WSSN #: 2180	PIN #:
Sampled By:	PO No.:

Remarks:

Please Add Email notification to
Ryan Goebel<rgoe@baycodws.org;

1st & 5th Liters

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☒
- Other ____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☒
- Other: ____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead & Copper	PARAGON SAMPLE NO.
71	10/30/19	6:02 AM	X		1st Liter 049-706 Burns St., Brian J. Martin	DW	1	X	358351-0071
72	10/30/19	6:02 AM	X		5th Liter 049-706 Burns St., Brian J. Martin	DW	1	X	-0072
73	10/31/19	7:35 AM	X		1st Liter 050-704 Main St., Stephanie Kerkau	DW	1	X	-0073
74	10/31/19	7:35 AM	X		5th Liter 050-704 Main St., Stephanie Kerkau	DW	1	X	-0074
75	10/31/19	8:00 AM	X		1st Liter 051-902 Main St., Thomas M. Earle	DW	1	X	-0075
76	10/31/19	8:00 AM	X		5th Liter 051-902 Main St., Thomas M. Earle	DW	1	X	-0076
77	10/31/19	4:00 AM	X		1st Liter 052-112 Plummer St., Michael J. Vanderlooven	DW	1	X	-0077
78	10/31/19	4:00 AM	X		5th Liter 052-112 Plummer St., Michael J. Vanderlooven	DW	1	X	-0078
79	10/31/19	8:15 AM	X		1st Liter 053-800 Borton Ave., Todd Naples	DW	1	X	-0079
80	10/31/19	8:15 AM	X		5th Liter 053-800 Borton Ave., Todd Naples	DW	1	X	-0080

Tran. #	Released By	Received By	Date	Time
1.	[signature]	[signature]	11/06/19	3:15 pm
2.				
3.				
4.				

PARAGON Laboratories

August 9, 2019

Dan Harper
Ferndale WDS
521 E. Cambourne
Ferndale, MI 48220

RE: Workorder: 355949

Dear Dan Harper:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 355949 FERNDALE-080519

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3559490001	Robert Jones- 1st	WSSN: 2280	Drinking	8/2/2019 07:00	8/5/2019 10:52	Homeowner
3559490002	Robert Jones- 5th	WSSN: 2280	Drinking	8/2/2019 07:00	8/5/2019 10:52	Homeowner
3559490003	Dennis Murphy- 1st	WSSN: 2280	Drinking	7/31/2019 08:00	8/5/2019 10:52	Homeowner
3559490004	Dennis Murphy- 5th	WSSN: 2280	Drinking	7/31/2019 08:00	8/5/2019 10:52	Homeowner
3559490005	Daniel Antosic- 1st	WSSN: 2280	Drinking	8/1/2019 06:15	8/5/2019 10:52	Homeowner
3559490006	Daniel Antosic- 5th	WSSN: 2280	Drinking	8/1/2019 06:15	8/5/2019 10:52	Homeowner
3559490007	John Crowley- 1st	WSSN: 2280	Drinking	7/30/2019 06:30	8/5/2019 10:52	Homeowner
3559490008	John Crowley- 5th	WSSN: 2280	Drinking	7/30/2019 06:30	8/5/2019 10:52	Homeowner
3559490009	Florence Murphy- 1st	WSSN: 2280	Drinking	7/31/2019 09:00	8/5/2019 10:52	Homeowner
3559490010	Florence Murphy- 5th	WSSN: 2280	Drinking	7/31/2019 09:00	8/5/2019 10:52	Homeowner
3559490011	William Werner- 1st	WSSN: 2280	Drinking	7/30/2019 07:45	8/5/2019 10:52	Homeowner
3559490012	William Werner- 5th	WSSN: 2280	Drinking	7/30/2019 07:45	8/5/2019 10:52	Homeowner
3559490013	Justin Lyons- 1st	WSSN: 2280	Drinking	7/25/2019 16:00	8/5/2019 10:52	Homeowner
3559490014	Justin Lyons- 5th	WSSN: 2280	Drinking	7/25/2019 16:00	8/5/2019 10:52	Homeowner

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 355949 FERNDALE-080519

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 22.2°C on August 5, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490001** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: Robert Jones- 1st Date Collected: 8/2/2019 07:00

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.037	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total		0.0041	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490002** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: Robert Jones- 5th Date Collected: 8/2/2019 07:00

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.010	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total		0.0086	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490003** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: Dennis Murphy- 1st Date Collected: 7/31/2019 08:00

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0093	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total	H	0.024	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490004** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: Dennis Murphy- 5th Date Collected: 7/31/2019 08:00

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0029	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total	H	0.017	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490005** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: Daniel Antosic- 1st Date Collected: 8/1/2019 06:15

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0066	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total		0.0024	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490006** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: Daniel Antosic- 5th Date Collected: 8/1/2019 06:15

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0071	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total	H	0.019	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490007** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: John Crowley- 1st Date Collected: 7/30/2019 06:30

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.091	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total		0.0018	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490008** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: John Crowley- 5th Date Collected: 7/30/2019 06:30

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.056	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total		0.0020	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490009** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: Florence Murphy- 1st Date Collected: 7/31/2019 09:00

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0093	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total		0.0086	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490010** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: Florence Murphy- 5th Date Collected: 7/31/2019 09:00

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0083	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total		0.0040	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490011** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: William Werner- 1st Date Collected: 7/30/2019 07:45

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.010	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total		0.0055	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490012** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: William Werner- 5th Date Collected: 7/30/2019 07:45

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0047	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total		0.011	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490013** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: Justin Lyons- 1st Date Collected: 7/25/2019 16:00

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.071	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total		0.0039	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 355949 FERNDALE-080519

Lab ID: **3559490014** Date Received: 8/5/2019 10:52 Matrix: Drinking Water (Potable)

Sample ID: Justin Lyons- 5th Date Collected: 7/25/2019 16:00

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0090	mg/L	0.0010	1		1.3	8/6/2019 10:02	MKK
Lead, Total		0.015	mg/L	0.0010	1		0.015	8/6/2019 10:02	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 355949 FERNDALE-080519

PARAMETER QUALIFIERS

Lab ID: 3559490003

H Result (or RL) is above Max limit.

Lab ID: 3559490004

H Result (or RL) is above Max limit.

Lab ID: 3559490006

H Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

August 20, 2019

Dan Harper
Ferndale WDS
521 E. Cambourne
Ferndale, MI 48220

RE: Workorder: 356228

Dear Dan Harper:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356228 FERNDALE-081419

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3562280001	JOANNE WRASSE 1ST	WSSN# 2280	Drinking	8/8/2019 07:15	8/14/2019 13:24	Homeowner
3562280002	JOANNE WRASSE 5TH	WSSN# 2280	Drinking	8/8/2019 07:15	8/14/2019 13:24	Homeowner
3562280003	KARENA PHILLIPS 1ST	WSSN# 2280	Drinking	8/8/2019 06:00	8/14/2019 13:24	Homeowner
3562280004	KARENA PHILLIPS 5TH	WSSN# 2280	Drinking	8/8/2019 06:00	8/14/2019 13:24	Homeowner
3562280005	NICK PHILLIPS 1ST	WSSN# 2280	Drinking	8/8/2019 06:00	8/14/2019 13:24	Homeowner
3562280006	NICK PHILLIPS 5TH	WSSN# 2280	Drinking	8/8/2019 06:00	8/14/2019 13:24	Homeowner
3562280007	CHRISTINE SCHULZ 1ST	WSSN# 2280	Drinking	8/11/2019 16:30	8/14/2019 13:24	Homeowner
3562280008	CHRISTINE SCHULZ 5TH	WSSN# 2280	Drinking	8/11/2019 16:30	8/14/2019 13:24	Homeowner
3562280009	ALISON BEDOS 1ST	WSSN# 2280	Drinking	8/10/2019 08:00	8/14/2019 13:24	Homeowner
3562280010	ALISON BEDOS 5TH	WSSN# 2280	Drinking	8/10/2019 08:00	8/14/2019 13:24	Homeowner
3562280011	PATRICIA SANDERS 1ST	WSSN# 2280	Drinking	8/12/2019 05:00	8/14/2019 13:24	Homeowner
3562280012	PATRICIA SANDERS 5TH	WSSN# 2280	Drinking	8/12/2019 05:00	8/14/2019 13:24	Homeowner
3562280013	ADAM DUTHE 1ST	WSSN# 2280	Drinking	8/11/2019 18:30	8/14/2019 13:24	Homeowner
3562280014	ADAM DUTHE 5TH	WSSN# 2280	Drinking	8/11/2019 18:30	8/14/2019 13:24	Homeowner
3562280015	SUE JANIK 1ST	WSSN# 2280	Drinking	8/13/2019 08:30	8/14/2019 13:24	Homeowner
3562280016	SUE JANIK 5TH	WSSN# 2280	Drinking	8/13/2019 08:30	8/14/2019 13:24	Homeowner
3562280017	JOHN HARTKOPF 1ST	WSSN# 2280	Drinking	8/11/2019 06:45	8/14/2019 13:24	Homeowner
3562280018	JOHN HARTKOPF 5TH	WSSN# 2280	Drinking	8/11/2019 06:45	8/14/2019 13:24	Homeowner
3562280019	SCOTT SOBOLEWSKI 1ST	WSSN# 2280	Drinking	8/14/2019 07:30	8/14/2019 13:24	Homeowner
3562280020	SCOTT SOBOLEWSKI 5TH	WSSN# 2280	Drinking	8/14/2019 07:30	8/14/2019 13:24	Homeowner
3562280021	DAN HARPER 1ST	WSSN# 2280	Drinking	8/7/2019 06:00	8/14/2019 13:24	Homeowner
3562280022	DAN HARPER 5TH	WSSN# 2280	Drinking	8/7/2019 06:00	8/14/2019 13:24	Homeowner
3562280023	ROGER LONG 1ST	WSSN# 2280	Drinking	8/7/2019 07:48	8/14/2019 13:24	Homeowner
3562280024	ROGER LONG 5TH	WSSN# 2280	Drinking	8/7/2019 07:48	8/14/2019 13:24	Homeowner
3562280025	ANDREA NAPOLTHAN 1ST	WSSN# 2280	Drinking	8/7/2019 07:00	8/14/2019 13:24	Homeowner
3562280026	ANDREA NAPOLTHAN 5TH	WSSN# 2280	Drinking	8/7/2019 07:00	8/14/2019 13:24	Homeowner
3562280027	ANN ALLEN 1ST	WSSN# 2280	Drinking	8/8/2019 01:00	8/14/2019 13:24	Homeowner
3562280028	ANN ALLEN 5TH	WSSN# 2280	Drinking	8/8/2019 07:00	8/14/2019 13:24	Homeowner
3562280029	PAUL CONTE 1ST	WSSN# 2280	Drinking	8/7/2019 06:00	8/14/2019 13:24	Homeowner
3562280030	PAUL CONTE 5TH	WSSN# 2280	Drinking	8/7/2019 06:00	8/14/2019 13:24	Homeowner
3562280031	CATHY SIONKOWSKI 1ST	WSSN# 2280	Drinking	8/13/2019 06:45	8/14/2019 13:24	Homeowner
3562280032	CATHY SIONKOWSKI 5TH	WSSN# 2280	Drinking	8/13/2019 06:45	8/14/2019 13:24	Homeowner
3562280033	JEROME RASKA 1ST	WSSN# 2280	Drinking	8/13/2019 06:30	8/14/2019 13:24	Homeowner

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356228 FERNDALE-081419

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3562280034	JEROME RASKA 5TH	WSSN# 2280	Drinking	8/13/2019 06:30	8/14/2019 13:24	Homeowner
3562280035	JEROME RASKA 1ST	WSSN# 2280	Drinking	8/12/2019 18:45	8/14/2019 13:24	Homeowner
3562280036	JEROME RASKA 5TH	WSSN# 2280	Drinking	8/12/2019 18:45	8/14/2019 13:24	Homeowner

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356228 FERNDALE-081419

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 22.4°C on August 14, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280001** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: JOANNE WRASSE 1ST Date Collected: 8/8/2019 07:15

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.026	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0017	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280002** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: JOANNE WRASSE 5TH Date Collected: 8/8/2019 07:15

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0095	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0062	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280003** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: KARENA PHILLIPS 1ST Date Collected: 8/8/2019 06:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.010	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.011	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280004** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: KARENA PHILLIPS 5TH Date Collected: 8/8/2019 06:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0066	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.014	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280005** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: NICK PHILLIPS 1ST Date Collected: 8/8/2019 06:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0054	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0027	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 8/20/2019 3:36:25 PM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280006** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: NICK PHILLIPS 5TH Date Collected: 8/8/2019 06:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0056	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0033	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280007** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: CHRISTINE SCHULZ 1ST Date Collected: 8/11/2019 16:30

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.045	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0025	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280008** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: CHRISTINE SCHULZ 5TH Date Collected: 8/11/2019 16:30

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.013	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0067	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280009** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: ALISON BEDOS 1ST Date Collected: 8/10/2019 08:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.12	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0039	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280010** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: ALISON BEDOS 5TH Date Collected: 8/10/2019 08:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.044	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0056	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280011** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: PATRICIA SANDERS 1ST Date Collected: 8/12/2019 05:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.011	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0010	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280012** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: PATRICIA SANDERS 5TH Date Collected: 8/12/2019 05:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0033	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0012	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280013** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: ADAM DUTHE 1ST Date Collected: 8/11/2019 18:30

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.021	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0049	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280014** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: ADAM DUTHE 5TH Date Collected: 8/11/2019 18:30

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.013	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.013	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280015** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: SUE JANIK 1ST Date Collected: 8/13/2019 08:30

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.048	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0032	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280016** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: SUE JANIK 5TH Date Collected: 8/13/2019 08:30

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0071	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0068	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280017** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: JOHN HARTKOPF 1ST Date Collected: 8/11/2019 06:45

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.026	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0013	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280018** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: JOHN HARTKOPF 5TH Date Collected: 8/11/2019 06:45

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.015	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0012	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280019** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: SCOTT SOBOLEWSKI 1ST Date Collected: 8/14/2019 07:30

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.093	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280020** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: SCOTT SOBOLEWSKI 5TH Date Collected: 8/14/2019 07:30

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.013	mg/L	0.0010	1		1.3	8/20/2019 11:37	DTM
Lead, Total		0.0069	mg/L	0.0010	1		0.015	8/20/2019 11:37	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280021** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: DAN HARPER 1ST Date Collected: 8/7/2019 06:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.011	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total	H	0.017	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280022** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: DAN HARPER 5TH Date Collected: 8/7/2019 06:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0058	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total	H	0.016	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280023** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: ROGER LONG 1ST Date Collected: 8/7/2019 07:48

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.15	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280024** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: ROGER LONG 5TH Date Collected: 8/7/2019 07:48

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.051	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280025** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: ANDREA NAPOLTHAN 1ST Date Collected: 8/7/2019 07:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.042	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		0.0025	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280026** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: ANDREA NAPOLTHAN 5TH Date Collected: 8/7/2019 07:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.011	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		0.0018	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280027** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: ANN ALLEN 1ST Date Collected: 8/8/2019 01:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.013	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		0.0024	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280028** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: ANN ALLEN 5TH Date Collected: 8/8/2019 07:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0052	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		0.0012	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280029** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: PAUL CONTE 1ST Date Collected: 8/7/2019 06:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0075	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		0.0031	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280030** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: PAUL CONTE 5TH Date Collected: 8/7/2019 06:00

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.011	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		0.0035	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280031** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: CATHY SIONKOWSKI 1ST Date Collected: 8/13/2019 06:45

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.22	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		0.0016	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280032** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: CATHY SIONKOWSKI 5TH Date Collected: 8/13/2019 06:45

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.038	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		0.0035	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280033** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: JEROME RASKA 1ST Date Collected: 8/13/2019 06:30

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.042	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		0.0018	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280034** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: JEROME RASKA 5TH Date Collected: 8/13/2019 06:30

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0051	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		0.0014	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280035** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: JEROME RASKA 1ST Date Collected: 8/12/2019 18:45

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.012	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356228 FERNDALE-081419

Lab ID: **3562280036** Date Received: 8/14/2019 13:24 Matrix: Drinking Water (Potable)

Sample ID: JEROME RASKA 5TH Date Collected: 8/12/2019 18:45

Sample Desc: WSSN# 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0067	mg/L	0.0010	1		1.3	8/20/2019 12:12	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	8/20/2019 12:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 356228 FERNDALE-081419

PARAMETER QUALIFIERS

Lab ID: 3562280021

H Result (or RL) is above Max limit.

Lab ID: 3562280022

H Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 5, 2019

Dan Harper
Ferndale WDS
521 E. Cambourne
Ferndale, MI 48220

RE: Workorder: 356541

Dear Dan Harper:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356541 FERNDALE-082319

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3565410001	Kati Hoffman - 1st	WSSN: 2280	Drinking Water	8/20/2019 09:30	8/23/2019 13:23	Resident
3565410002	Kati Hoffman - 5th	WSSN: 2280	Drinking Water	8/20/2019 09:30	8/23/2019 13:23	Resident
3565410003	Phyllis Wilson - 1st	WSSN: 2280	Drinking Water	8/20/2019 08:15	8/23/2019 13:23	Resident
3565410004	Phyllis Wilson - 5th	WSSN: 2280	Drinking Water	8/20/2019 08:15	8/23/2019 13:23	Resident
3565410005	Mitchell Moore - 1st	WSSN: 2280	Drinking Water	8/20/2019 09:15	8/23/2019 13:23	Resident
3565410006	Mitchell Moore - 5th	WSSN: 2280	Drinking Water	8/20/2019 09:15	8/23/2019 13:23	Resident
3565410007	Laura McGraw - 1st	WSSN: 2280	Drinking Water	8/22/2019 12:30	8/23/2019 13:23	Resident
3565410008	Laura McGraw - 5th	WSSN: 2280	Drinking Water	8/22/2019 12:30	8/23/2019 13:23	Resident
3565410009	Brett Nelson - 1st	WSSN: 2280	Drinking Water	8/21/2019 15:15	8/23/2019 13:23	Resident
3565410010	Brett Nelson - 5th	WSSN: 2280	Drinking Water	8/21/2019 15:15	8/23/2019 13:23	Resident

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356541 FERNDALE-082319

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 22.4°C on August 23, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356541 FERNDALE-082319

Lab ID: **3565410001** Date Received: 8/23/2019 13:23 Matrix: Drinking Water (Potable)

Sample ID: Kati Hoffman - 1st Date Collected: 8/20/2019 09:30

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0018	mg/L	0.0010	1		1.3	8/29/2019 11:48	DTM
Lead, Total		0.0011	mg/L	0.0010	1		0.015	8/29/2019 11:48	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356541 FERNDALE-082319

Lab ID: **3565410002** Date Received: 8/23/2019 13:23 Matrix: Drinking Water (Potable)

Sample ID: Kati Hoffman - 5th Date Collected: 8/20/2019 09:30

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0014	mg/L	0.0010	1		1.3	8/29/2019 11:48	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	8/29/2019 11:48	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356541 FERNDALE-082319

Lab ID: **3565410003** Date Received: 8/23/2019 13:23 Matrix: Drinking Water (Potable)

Sample ID: Phyllis Wilson - 1st Date Collected: 8/20/2019 08:15

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.034	mg/L	0.0010	1		1.3	8/29/2019 11:48	DTM
Lead, Total		0.0020	mg/L	0.0010	1		0.015	8/29/2019 11:48	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356541 FERNDALE-082319

Lab ID: **3565410004** Date Received: 8/23/2019 13:23 Matrix: Drinking Water (Potable)

Sample ID: Phyllis Wilson - 5th Date Collected: 8/20/2019 08:15

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0055	mg/L	0.0010	1		1.3	8/29/2019 11:48	DTM
Lead, Total		0.0021	mg/L	0.0010	1		0.015	8/29/2019 11:48	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356541 FERNDALE-082319

Lab ID: **3565410005** Date Received: 8/23/2019 13:23 Matrix: Drinking Water (Potable)

Sample ID: Mitchell Moore - 1st Date Collected: 8/20/2019 09:15

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0050	mg/L	0.0010	1		1.3	8/29/2019 11:48	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	8/29/2019 11:48	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356541 FERNDALE-082319

Lab ID: **3565410006** Date Received: 8/23/2019 13:23 Matrix: Drinking Water (Potable)

Sample ID: Mitchell Moore - 5th Date Collected: 8/20/2019 09:15

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0039	mg/L	0.0010	1		1.3	8/29/2019 11:48	DTM
Lead, Total		0.0016	mg/L	0.0010	1		0.015	8/29/2019 11:48	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356541 FERNDALE-082319

Lab ID: **3565410007** Date Received: 8/23/2019 13:23 Matrix: Drinking Water (Potable)

Sample ID: Laura McGraw - 1st Date Collected: 8/22/2019 12:30

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.061	mg/L	0.0010	1		1.3	8/29/2019 11:48	DTM
Lead, Total		0.0012	mg/L	0.0010	1		0.015	8/29/2019 11:48	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356541 FERNDALE-082319

Lab ID: **3565410008** Date Received: 8/23/2019 13:23 Matrix: Drinking Water (Potable)

Sample ID: Laura McGraw - 5th Date Collected: 8/22/2019 12:30

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.013	mg/L	0.0010	1		1.3	8/29/2019 11:48	DTM
Lead, Total		0.0010	mg/L	0.0010	1		0.015	8/29/2019 11:48	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356541 FERNDALE-082319

Lab ID: **3565410009** Date Received: 8/23/2019 13:23 Matrix: Drinking Water (Potable)

Sample ID: Brett Nelson - 1st Date Collected: 8/21/2019 15:15

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.044	mg/L	0.0010	1		1.3	8/29/2019 11:48	DTM
Lead, Total		0.0033	mg/L	0.0010	1		0.015	8/29/2019 11:48	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356541 FERNDALE-082319

Lab ID: **3565410010** Date Received: 8/23/2019 13:23 Matrix: Drinking Water (Potable)

Sample ID: Brett Nelson - 5th Date Collected: 8/21/2019 15:15

Sample Desc: WSSN: 2280 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.033	mg/L	0.0010	1		1.3	8/29/2019 11:48	DTM
Lead, Total		0.0029	mg/L	0.0010	1		0.015	8/29/2019 11:48	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Garden City WSSN: 02550

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
001	5938 Helen	9/6/2019	1	A	L	C	K	3.22	166.28	2550-001-1	10.55	49.10	2550-001-5	10/4/2019	10/4/2019
008	32113 Marquette	8/29/2019	1	A	L	G	K	< 2	79.78	2550-008-1	3.28	8.81	2550-008-5	10/4/2019	10/4/2019
019	32750 Donnelly	8/28/2019	1	A	L	G	K	< 2	180.80	2550-019-1	< 2	16.52	2550-019-5	10/4/2019	10/4/2019
037	32713 Florence	9/6/2019	1	A	L	G	K	4.77	< 5	2550-037-1	16.16	< 5	2550-037-5	10/4/2019	10/4/2019
081	31550 Chester	9/3/2019	1	A	L	C	K	9.74	13.99	2550-081-1	5.34	8.07	2550-081-5	10/4/2019	10/4/2019
082	32140 Dover	9/6/2019	1	A	L	C	K	< 2	< 5	2550-082-1	4.94	< 5	2550-082-5	10/4/2019	10/4/2019
083	32189 Dover	9/6/2019	1	A	L	C	K	5.10	5.59	2550-083-1	11.34	< 5	2550-083-5	10/4/2019	10/4/2019
084	32215 Dover	8/27/2019	1	A	L	C	K	< 2	6.35	2550-084-1	5.75	5.92	2550-084-5	10/4/2019	10/4/2019
085	32251 Dover	8/29/2019	1	A	L	C	K	3.62	< 5	2550-085-1	4.40	< 5	2550-085-5	10/4/2019	10/4/2019
086	32152 Dover	8/22/2019	1	A	L	C	K	1.10	10.00	2550-086-1	4.70	8.20	2550-086-5	10/4/2019	10/4/2019
087	32224 James	8/29/2019	1	A	L	C	K	< 2	119.46	2550-087-1	12.39	13.52	2550-087-5	10/4/2019	10/4/2019
088	32236 James	8/22/2019	1	A	L	C	K	3.10	51.00	2550-088-1	17.00	8.40	2550-088-5	10/4/2019	10/4/2019
089	32260 James	8/22/2019	1	A	L	C	K	1.20	13.00	2550-089-1	6.60	3.50	2550-089-5	10/4/2019	10/4/2019
090	32272 James	8/22/2019	1	A	L	C	K	2.60	12.00	2550-090-1	11.00	2.60	2550-090-5	10/4/2019	10/4/2019
092	5821 Deering	8/22/2019	1	A	L	C	K	1.60	12.00	2550-092-1	4.80	7.90	2550-092-5	10/4/2019	10/4/2019
093	5906 Helen	9/2/2019	1	A	L	C	K	16.05	26.37	2550-093-1	24.36	6.54	2550-093-5	10/4/2019	10/4/2019
094	5922 Helen	8/21/2019	1	A	L	C	K	13.00	440.00	2550-094-1	40.00	52.00	2550-094-5	10/4/2019	10/4/2019
096	5845 Lathers	9/6/2019	1	A	L	C	K	4.46	517.41	2550-096-1	5.84	129.13	2550-096-5	10/4/2019	10/4/2019
099	28625 Marquette	9/3/2019	1	A	L	C	K	< 2	140.86	2550-099-1	13.63	27.88	2550-099-5	10/4/2019	10/4/2019
100	28667 Marquette	8/27/2019	1	A	L	C	K	2.12	347.72	2550-100-1	5.87	211.88	2550-100-5	10/4/2019	10/4/2019
101	30580 Hennepin	9/3/2019	1	A	L	C	K	47.39	123.62	2550-101-1	2.53	< 5	2550-101-5	10/4/2019	10/4/2019
102	33706 Cherry Hill	8/28/2019	1	A	L	C	K	< 2	51.12	2550-102-1	< 2	37.55	2550-102-5	10/4/2019	10/4/2019

[1] Tier	[2] Category	Description
Tier 1	A*	Single Family w/ lead service line
	B	Single Family w/ interior lead plumbing
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.	

[1] Tier	[2] Category	Description
Tier 2	D*	Multi Family or building w/ lead service line
	E	Multi Family or building w/ interior lead plumbing
Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988
Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.

[3] Material
L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.

[4] Tap Type
K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Garden City WSSN: 02550

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
103	31715 Kathryn	8/29/2019	1	A	L	C	K	< 2	186.89	2550-103-1	< 2	21.15	2550-103-5	10/4/2019	10/4/2019
104	31755 Marquette	9/4/2019	1	A	L	C	K	4.65	5.28	2550-104-1	11.24	< 5	2550-104-5	10/4/2019	10/4/2019
106	31934 Marquette	9/4/2019	1	A	L	C	K	2.25	146.10	2550-106-1	< 2	48.68	2550-106-5	10/4/2019	10/4/2019
107	31974 Barton	9/5/2019	1	A	L	C	K	< 2	93.20	2550-107-1	2.17	12.55	2550-107-5	10/4/2019	10/4/2019
109	31767 Rush	9/9/2019	1	A	L	G	K	5.60	19.41	2550-109-1	19.67	8.34	2550-109-5	10/4/2019	10/4/2019
007	32128 Marquette	8/28/2019	1	A	L	G	K	< 2	61.96	2550-007-1	< 2	62.76	2550-007-5	10/4/2019	10/4/2019
095	5838 Lathers	8/27/2019	1	A	L	C	K	4.61	75.06	2550-095-1	27.64	91.52	2550-095-5	10/4/2019	10/4/2019
098	28674 Barton	8/27/2019	1	A	L	C	K	3.29	12.84	2550-098-1	25.68	9.34	2550-098-5	10/4/2019	10/4/2019
105	31912 Marquette	8/29/2019	1	A	L	C	K	< 2	130.22	2550-105-1	< 2	11.54	2550-105-5	10/4/2019	10/4/2019

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Hamtramck WSSN: 02970

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
012	11418 Sobleski	5/20/2019	1	A	L	G	K	< 2	22.76	2970-012-1	< 2	< 5	2970-012-5	5/31/2019	5/31/2019
046	12033 Lumpkin	5/20/2019	1	A	L	C	B	4.20	132.19	2970-046-1	10.84	6.46	2970-046-5	5/31/2019	5/31/2019
060	2222 Evaline	5/23/2019	1	A	L	G	K	6.41	< 5	2970-060-1	7.22	< 5	2970-060-5	5/31/2019	5/31/2019
074	2700 Florian	5/23/2019	1	A	L	G	K	2.83	25.50	2970-074-1	2.92	< 5	2970-074-5	5/31/2019	5/31/2019
122	3115 Belmont	5/21/2019	1	A	L	C	K	2.48	106.24	2970-122-1	12.16	10.81	2970-122-5	5/31/2019	5/31/2019
148	2286 Faber	5/22/2019	1	A	L	C	K	< 2	< 5	2970-148-1	< 2	< 5	2970-148-5	5/31/2019	5/31/2019
154	2633 Evaline	5/21/2019	1	A	L	C	K	3.89	13.95	2970-154-1	5.14	< 5	2970-154-5	5/31/2019	5/31/2019
173	3362 Evaline	5/20/2019	1	A	L	C	K	< 2	73.33	2970-173-1	2.70	< 5	2970-173-5	5/31/2019	5/31/2019

[1] Tier	[2] Category	Description
Tier 1	A*	Single Family w/ lead service line
	B	Single Family w/ interior lead plumbing
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.	

[1] Tier	[2] Category	Description
Tier 2	D*	Multi Family or building w/ lead service line
	E	Multi Family or building w/ interior lead plumbing
Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988
Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.

[3] Material	[4] Tap Type
L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Hamtramck WSSN: 02970

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
062	2620 Norwalk	5/25/2019	1	A	L	C	K	< 2	38.41	2970-62-1	< 2	< 5	2970-62-5	6/11/2019	6/11/2019
086	11562 St. Aubin	5/25/2019	1	A	L	C	K	7.61	14.21	2970-86-1	3.15	119.34	2970-86-5	6/11/2019	6/11/2019
090	2305 Poland	5/30/2019	1	A	L	C	K	< 2	30.11	2970-90-1	< 2	< 5	2970-90-5	6/11/2019	6/11/2019
096	2393 Burger	5/29/2019	1	A	L	C	K	2.90	60.65	2970-96-1	6.30	< 5	2970-96-5	6/11/2019	6/11/2019
098	2347 Commer	5/30/2019	1	A	L	G	K	2.89	48.56	2970-98-1	< 2	14.18	2970-98-5	6/11/2019	6/11/2019
099	2360 Yemans	5/25/2019	1	A	L	C	K	< 2	33.99	2970-99-1	< 2	< 5	2970-99-5	6/11/2019	6/11/2019
147	3278 Lehman	5/25/2019	1	A	L	G	K	< 2	14.80	2970-147-1	2.07	< 5	2970-147-5	6/11/2019	6/11/2019
188	2316 Botsfield	5/30/2019	1	A	L	G	B	6.68	19.88	2970-188-1	7.98	10.38	2970-188-5	6/11/2019	6/11/2019
192	12000 Charest	5/29/2019	1	A	L	C	K	2.08	< 5	2970-192-1	3.10	< 5	2970-192-5	6/11/2019	6/11/2019
198	11632 Moran	5/29/2019	1	A	L	C	K	10.42	8.18	2970-198-1	12.74	< 5	2970-198-5	6/11/2019	6/11/2019
205	11681 St. Austin	5/29/2019	3	F	C	C	K	< 2	14.83	2970-205-1	5.21	5.22	2970-205-5	6/11/2019	6/11/2019
207	5139 Yeman	5/25/2019	1	A	L	G	K	5.18	12.23	2970-207-1	2.59	< 5	2970-207-5	6/11/2019	6/11/2019
215	2736 Norwalk	5/29/2019	1	A	L	C	K	3.00	40.05	2970-215-1	4.81	< 5	2970-215-5	6/11/2019	6/11/2019
218	5116 Evaline	5/25/2019	1	A	L	C	K	< 2	259.81	2970-218-1	2.52	129.40	2970-218-5	6/11/2019	6/11/2019

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Hamtramck WSSN: 02970

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
030	2240 Edwin	6/2/2019	1	A	L	C	K	< 2	38.73	2970-030-1	< 2	< 5	2970-030-5	7/15/2019	7/15/2019
127	3422 Holbrook	6/7/2019	1	A	L	C	K	< 2	33.98	2970-127-1	< 2	181.46	2970-127-5	7/15/2019	7/15/2019
130	11473 Sobisski	6/6/2019	1	A	L	C	K	< 2	109.62	2970-130-1	< 2	< 5	2970-130-5	7/15/2019	7/15/2019
142	2413 Pulaski	6/7/2019	1	A	L	C	K	< 2	47.24	2970-142-1	< 2	8.23	2970-142-5	7/15/2019	7/15/2019
153	2629 Evaline	6/7/2019	1	OT	G	G	K	< 2	< 5	2970-153-1	< 2	< 5	2970-153-5	7/15/2019	7/15/2019
161	3000 Trowbridge	6/6/2019	1	A	L	P	K	< 2	7.47	2970-161-1	2.02	< 5	2970-161-5	7/15/2019	7/15/2019
164	2214 Bernard	6/4/2019	1	A	L	C	K	2.96	201.33	2970-164-1	< 2	13.12	2970-164-5	7/15/2019	7/15/2019
165	5026 Caniff	6/6/2019	1	A	L	G	K	< 2	< 5	2970-165-1	< 2	< 5	2970-165-5	7/15/2019	7/15/2019
171	3885 Doremus	6/1/2019	1	A	L	G	K	< 2	10.68	2970-171-1	< 2	< 5	2970-171-5	7/15/2019	7/15/2019
172	2019 Evaline	6/1/2019	1	A	L	C	K	2.29	71.13	2970-172-1	2.33	22.59	2970-172-5	7/15/2019	7/15/2019
174	5107 Evaline	5/31/2019	1	A	L	G	K	3.95	53.14	2970-174-1	9.03	< 5	2970-174-5	7/15/2019	7/15/2019
193	3387 Doremus	5/31/2019	1	A	L	G	K	< 2	18.07	2970-193-1	12.15	< 5	2970-193-1	7/15/2019	7/15/2019
112	11687 McDougal	6/14/2019	1	A	L	G	K	< 2	< 5	2970-112-1	< 2	< 5	2970-112-5	7/15/2019	7/15/2019
118	2313 Denton	6/11/2019	1	A	L	C	K	< 2	19.61	2970-118-1	< 2	< 5	2970-118-5	7/15/2019	7/15/2019
120	3422 Doremus	6/13/2019	1	A	L	C	K	4.45	18.79	2970-120-1	6.43	< 5	2970-120-5	7/15/2019	7/15/2019
135	2031 Edwin	6/7/2019	3	F	C	C	K	3.37	92.21	2970-135-1	5.74	11.32	2970-135-5	7/15/2019	7/15/2019
149	3907 Oliver	6/8/2019	1	A	L	C	K	< 2	17.38	2970-149-1	< 2	< 5	2970-149-5	7/15/2019	7/15/2019
194	2234 Edwin	6/13/2019	1	A	L	GP	K	< 2	< 5	2970-194-1	4.47	30.03	2970-194-5	7/15/2019	7/15/2019
214	3442 Norwalk	6/8/2019	1	A	L	C	K	2.83	17.92	2970-214-1	2.17	< 5	2970-214-5	7/15/2019	7/15/2019
225	1992 Norwalk	6/12/2019	1	A	L	P	K	< 2	32.14	2970-225-1	< 2	< 5	2970-225-5	7/15/2019	7/15/2019
043	3331 Yemans	6/21/2019	1	A	L	G	K	< 2	9.61	2970-043-1	2.10	< 5	2970-043-5	7/15/2019	7/15/2019
044	2600 Evaline	6/20/2019	1	A	L	C	K	2.43	472.02	2970-044-1	< 2	48.31	2970-044-5	7/15/2019	7/15/2019

[1] Tier	[2] Category	Description
Tier 1	A*	Single Family w/ lead service line
	B	Single Family w/ interior lead plumbing
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.	

[1] Tier	[2] Category	Description
Tier 2	D*	Multi Family or building w/ lead service line
	E	Multi Family or building w/ interior lead plumbing
Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988
Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.

[3] Material	[4] Tap Type
L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Hamtramck WSSN: 02970

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
051	2601 Edwin	6/20/2019	1	A	L	G	K	2.44	< 5	2970-051-1	< 2	< 5	2970-051-5	7/15/2019	7/15/2019
066	3941 Prescott	6/20/2019	3	F	C	C	K	< 2	44.77	2970-066-1	< 2	< 5	2970-066-5	7/15/2019	7/15/2019
071	3865 Doremus	6/21/2019	OT	OT	G	G	K	< 2	16.04	2970-071-1	2.39	5.07	2970-071-5	7/15/2019	7/15/2019
073	2241 Evaline	6/18/2019	1	A	L	C	K	< 2	57.41	2970-073-1	4.30	34.51	2970-073-5	7/15/2019	7/15/2019
100	12116 Mitchell	6/20/2019	1	A	L	G	K	7.06	7.18	2970-100-1	14.77	< 5	2970-100-5	7/15/2019	7/15/2019
114	12063 McDougal	6/14/2019	1	A	L	C	K	5.35	168.72	2970-114-1	4.00	7.59	2970-114-5	7/15/2019	7/15/2019
125	12056 Sobieski	6/17/2019	1	A	L	C	K	7.83	116.94	2970-125-1	23.25	15.14	2970-125-5	7/15/2019	7/15/2019
144	11592 St Aubin	6/18/2019	1	A	L	C	K	< 2	55.39	2970-144-1	< 2	< 5	2970-144-5	7/15/2019	7/15/2019
201	2370 Neibel	6/21/2019	1	A	L	C	K	2.80	51.17	2970-201-1	11.81	9.11	2970-201-5	7/15/2019	7/15/2019
226	11334 McDougal	6/21/2019	1	A	L	G	K	< 2	< 5	2970-226-1	< 2	< 5	2970-226-5	7/15/2019	7/15/2019

[1] Tier	[2] Category	Description
Tier 1	A*	Single Family w/ lead service line
	B	Single Family w/ interior lead plumbing
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.	

[1] Tier	[2] Category	Description
Tier 2	D*	Multi Family or building w/ lead service line
	E	Multi Family or building w/ interior lead plumbing
Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988
Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.

[3] Material	[4] Tap Type
L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Hamtramck WSSN: 02970

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
023	5035 Trowbridge	6/26/2019	3	F	C	C	K	< 2	22.20	2970-023-1	< 2	< 5	2970-023-5	8/2/2019	8/2/2019
024	12231 Fleming	6/26/2019	1	A	L	C	K	< 2	19.86	2970-024-1	< 2	10.34	2970-024-5	8/2/2019	8/2/2019
029	3832 Belmont	6/26/2019	1	A	L	G	K	2.68	10.82	2970-029-1	4.85	< 5	2970-029-5	8/2/2019	8/2/2019
034	11344 Lumpkin	6/27/2019	1	A	L	CG	K	2.57	5.86	2970-034-1	< 2	< 5	2970-034-5	8/2/2019	8/2/2019
055	11345 Klinger	6/22/2019	1	A	L	C	K	5.66	47.95	2970-055-1	7.87	< 5	2970-055-5	8/2/2019	8/2/2019
059	12080 St. Aubin	6/22/2019	1	A	L	G	K	3.14	110.78	2970-059-1	3.12	6.70	2970-059-5	8/2/2019	8/2/2019
061	9434 Latham	6/24/2019	1	A	L	C	K	2.03	198.48	2970-061-1	< 2	32.44	2970-061-5	8/2/2019	8/2/2019
113	3408 Doremus	6/22/2019	1	A	L	C	K	3.78	147.68	2970-113-1	11.14	15.71	2970-113-5	8/2/2019	8/2/2019

[1] Tier	[2] Category	Description
Tier 1	A*	Single Family w/ lead service line
	B	Single Family w/ interior lead plumbing
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.	

[1] Tier	[2] Category	Description
Tier 2	D*	Multi Family or building w/ lead service line
	E	Multi Family or building w/ interior lead plumbing
Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988
Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.

[3] Material	[4] Tap Type
L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: **Hamtramck** WSSN: **02970**

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample (62)			5TH Liter Sample (62)			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
005	1971 Norwalk	11/22/2019	1	A	L	C	K	< 2	85.27	2970-005-1	< 2	7.03	2970-005-5	1/7/2020	1/7/2020
008	9420 Jos. Campau	11/20/2019	3	F	C	C	K	< 2	5.47	2970-008-1	4.04	65.35	2970-008-5	1/7/2020	1/7/2020
024	12031 Fleming	10/7/2019	1	A	L	C	K	< 2	27.79	2970-024-1	2.05	11.25	2970-024-5	1/7/2020	1/7/2020
029	3832 Belmont	10/23/2019	1	A	L	G	K	2.52	11.85	2970-029-1	6.73	10.03	2970-029-5	1/7/2020	1/7/2020
036	2209 Yemans	11/26/2019	1	A	L	C	K	2.24	45.96	2970-036-1	4.09	< 5	2970-036-5	1/7/2020	1/7/2020
046	12033 Lumpkin	10/1/2019	1	A	L	C	B	7.48	51.88	2970-046-1	13.08	< 5	2970-046-5	1/7/2020	1/7/2020
059	12080 St. Aubin	11/26/2019	1	A	L	G	K	3.42	5.31	2970-059-1	2.33	7.27	2970-059-5	1/7/2020	1/7/2020
060	2222 Evaline	10/22/2019	1	A	L	G	K	7.98	9.09	2970-060-1	8.73	< 5	2970-060-5	1/7/2020	1/7/2020
061	9434 Latham	10/23/2019	1	A	L	C	K	4.91	19.21	2970-061-1	3.97	< 5	2970-061-5	1/7/2020	1/7/2020
074	2700 Florian	9/26/2019	1	A	L	G	K	2.53	37.71	2970-074	4.68	< 5	2970-074-5	1/7/2020	1/7/2020
086	**11562 St. Aubin**	**9/28/2019**	**1**	**A**	**L**	**C**	**K**	**14.42**	**53.03**	**2970-086-1**	**21.81**	**5.89**	**2970-086-5**	**1/7/2020**	**1/7/2020**
098	2347 Commor	10/5/2019	1	A	L	G	K	5.10	42.03	2970-098-1	2.63	11.53	2970-098-5	1/7/2020	1/7/2020
099	2360 Yemans	11/18/2019	1	A	L	C	K	< 2	17.93	2970-099-1	< 2	< 5	2970-099-5	1/7/2020	1/7/2020
113	3408 Doremus	12/2/2019	1	A	L	C	K	< 2	239.27	2970-113-1	4.32	42.39	2970-113-5	1/7/2020	1/7/2020
114	12063 McDougall	9/27/2019	1	A	L	C	K	8.64	5.83	2970-114-1	7.98	123.31	2970-114-5	1/7/2020	1/7/2020
122	3115 Belmont	11/4/2019	1	A	L	C		< 2	73.98	2970-122-1	11.51	8.60	2970-122-5	1/7/2020	1/7/2020
125	**12056 Sobieski**	**10/31/2019**	**1**	**A**	**L**	**C**	**K**	**7.55**	**100.77**	**2970-125-1**	**22.48**	**9.77**	**2970-125-5**	**1/7/2020**	**1/7/2020**
127	3422 Holbrook	10/24/2019	1	A	L	C	K	< 2	21.21	2970-127-1	< 2	34.24	2970-127-5	1/7/2020	1/7/2020
142	2413 Pulaski	10/24/2019	1	A	L	C	K	< 2	7.89	2970-142-1	2.08	70.06	2970-142-5	1/7/2020	1/7/2020
147	3278 Lehman	10/5/2019	1	A	L	G	K	< 2	9.61	2970-147-1	< 2	< 5	2970-147-5	1/7/2020	1/7/2020
149	3907 Oliver	12/7/2019	1	A	L	C	K	2.55	45.08	2970-149-1	< 2	6.08	2970-149-5	1/7/2020	1/7/2020
161	3000 Trowbridge	9/28/2019	1	A	L	P	K	4.47	5.06	2970-161-1	4.03	< 5	2970-161-5	1/7/2020	1/7/2020

(Lead Reporting Level = 2 ppb) - (Copper Reporting Level = 5 ppb)

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

11. TAP SAMPLING DATA

Water Supply Name: **Hamtramck** WSSN: **02970**

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample (62)			5TH Liter Sample (62)			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
165	5026 Caniff	10/28/2019	1	A	L	G	K	< 2	< 5	2970-165-1	< 2	< 5	2970-165-5	1/7/2020	1/7/2020
171	3885 Doremus	11/4/2019	1	A	L	G	K	< 2	16.57	2970-171-1	< 2	< 5	2970-171-5	1/7/2020	1/7/2020
173	3362 Evaline	9/27/2019	1	A	L	C	K	5.48	33.16	2970-173-1	7.16	< 5	2970-173-5	1/7/2020	1/7/2020
174	**5107 Evaline**	**9/27/2019**	**1**	**A**	**L**	**G**	**K**	**7.07**	**48.96**	**2970-174-1**	**19.38**	**< 5**	**2970-174-5**	**1/7/2020**	**1/7/2020**
188	2316 Botsford	9/26/2019	1	A	L	G	K	13.53	21.86	2970-188-1	14.61	< 5	2970-188-5	1/7/2020	1/7/2020
192	12000 Charest	11/7/2019	1	A	L	C		2.57	< 5	2970-192-1	4.04	< 5	2970-192-5	1/7/2020	1/7/2020
193	**3387 Doremus**	**9/30/2019**	**1**	**A**	**L**	**G**	**K**	**3.81**	**14.64**	**2970-193-1**	**19.75**	**< 5**	**2970-193-5**	**1/7/2020**	**1/7/2020**
194	2234 Edwin	10/28/2019	1	A	L	P	K	4.26	< 5	2970-194-1	3.24	< 5	2970-194-5	1/7/2020	1/7/2020
195	3355 Edwin	12/7/2019	1	A	L	G	K	10.21	419.00	2970-195-1	14.76	25.27	2970-195-5	1/7/2020	1/7/2020
201	2370 Neibel	11/15/2019	1	A	L	C	K	4.78	71.86	2970-201-1	14.14	< 5	2970-201-5	1/7/2020	1/7/2020
207	5139 Yemans	9/25/2019	1	A	L	G	K	< 2	8.83	2970-207-1	< 2	< 5	2970-207-5	1/7/2020	1/7/2020
218	5116 Evaline	9/26/2019	1	A	L	C	K	2.40	153.75	2970-218-1	3.17	41.94	2970-218-5	1/7/2020	1/7/2020
226	11334 McDougall	11/14/2019	1	A	L	G	K	< 2	< 5	2970-226-1	< 2	< 5	2970-226-5	1/7/2020	1/7/2020
227	12044 Gallagher	11/27/2019	1	A	L	G	K	3.60	28.66	2970-227-1	9.98	< 5	2970-227-5	1/7/2020	1/7/2020
229	3236 Jacob	12/3/2019	1	A	L	G	B	< 2	8.95	2970-229-1	< 2	< 5	2970-229-5	1/7/2020	1/7/2020
233	3112 Roosevelt	12/7/2019	1	A	L	G	K	3.87	11.49	2970-233-1	< 2	< 5	2970-233-5	1/7/2020	1/7/2020
234	2701 Belmont	12/14/2019	1	A	L	C	K	3.88	< 5	2970-234-1	2.29	< 5	2970-234-5	1/7/2020	1/7/2020
235	2247 Evaline	12/11/2019	3	F	C	C	K	2.06	23.03	2970-235-1	5.59	< 5	2970-235-5	1/7/2020	1/7/2020
237	**11634 Lumpkin**	**12/10/2019**	**OT**	**OT**	**C**	**P**	**K**	**5.23**	**14.82**	**2970-237-1**	**18.00**	**< 5**	**2970-237-5**	**1/7/2020**	**1/7/2020**
240	3334 Norwalk	12/17/2019	1	A	L	C	K	< 2	103.57	2970-240-1	4.67	5.29	2970-240-5	1/7/2020	1/7/2020
241	3386 Norwalk	12/14/2019	1	A	L	C	K	< 2	73.68	2970-241-1	< 2	8.10	2970-241-5	1/7/2020	1/7/2020
242	3391 Edwin	12/14/2019	1	A	L	C	K	< 2	38.02	2970-242-1	2.21	< 5	2970-242-5	1/7/2020	1/7/2020

(Lead Reporting Level = 2 ppb) - (Copper Reporting Level = 5 ppb)

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: **Hamtramck** WSSN: **02970**

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample (62)			5TH Liter Sample (62)			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
243	12158 Klinger	12/14/2019	1	A	L	C	K	< 2	< 5	2970-243-1	< 2	< 5	2970-243-5	1/7/2020	1/7/2020
244	3891 Evaline	12/26/2019	1	A	L	G	K	< 2	< 5	2970-244-1	< 2	< 5	2970-244-5	1/7/2020	1/7/2020
245	11380 Lumpkin	12/16/2019	1	A	L	C	K	< 2	49.18	2970-245-1	< 2	< 5	2970-245-5	1/7/2020	1/7/2020
246	1943 Evaline	12/21/2019	1	A	L	G	K	< 2	< 5	2970-246-1	< 2	< 2	2970-246-5	1/7/2020	1/7/2020
247	**2217 Norwalk**	**12/21/2019**	**1**	**A**	**L**	**C**	**K**	**8.20**	**531.44**	**2970-247-1**	**16.39**	**43.99**	**2970-247-5**	**1/7/2020**	**1/7/2020**
248	2476 Hewitt	12/27/2019	1	A	L	C/G	K	6.19	53.43	2970-248-1	< 2	< 5	2970-248-5	1/7/2020	1/7/2020
249	11667 Sobieski	12/21/2019	1	A	L	C	K	8.48	23.56	2970-249-1	8.81	< 5	2970-249-5	1/7/2020	1/7/2020
254	2151 Trowbridge	12/21/2019	1	A	L	G	K	< 2	7.83	2970-254-1	< 2	< 5	2970-254-5	1/7/2020	1/7/2020
255	2231 Andrus	12/21/2019	1	A	L	C	K	4.09	35.84	2970-255-1	2.29	8.73	2970-255-5	1/7/2020	1/7/2020
256	2264 Yemans	1/3/2020	1	A	L	C	K	7.91	189.43	2970-256-1	11.41	10.51	2970-256-5	1/7/2020	1/7/2020
257	2402 Casmere	12/23/2019	1	A	L	C	K	2.71	104.64	2970-257-1	7.95	11.78	2970-257-5	1/7/2020	1/7/2020
258	2611 Holbrook	12/26/2019	1	A	L	G	K	< 2	< 5	2970-258-1	6.73	33.59	2970-258-5	1/7/2020	1/7/2020
259	2044 Yemans	12/21/2019	1	A	L	C	K	10.45	61.83	2970-259-1	< 2	< 5	2970-259-5	1/7/2020	1/7/2020
261	11431 Sobieski	12/26/2019	1	A	L	G	K	2.54	139.52	2970-261-1	4.54	13.76	2970-261-5	1/7/2020	1/7/2020
262	2252 Yemans	12/26/2019	1	A	L	G	K	< 2	< 5	2970-262-1	5.46	< 5	2970-262-5	1/7/2020	1/7/2020
263	9560 Charest	12/27/2019	1	A	L	C	K	< 2	317.73	2970-263-1	< 2	18.37	2970-263-5	1/7/2020	1/7/2020
264	1951 Edwin	12/30/2019	1	A	L	C	K	< 2	31.01	2970-264-1	2.50	5.46	2970-264-5	1/7/2020	1/7/2020
266	2704 Evaline	12/30/2019	1	A	L	C	K	2.05	22.24	2970-266-1	2.43	< 5	2970-266-5	1/7/2020	1/7/2020

(Lead Reporting Level = 2 ppb) - (Copper Reporting Level = 5 ppb)

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Harper Woods

WSSN: 03020

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
002	18964 Roscommon	8/1/2019	1	A	L	C	K	72.00	62.00	3020-002-1	21.00	7.70	3020-002-5	10/4/2019	10/4/2019
004	18737 Elkhart	8/7/2019	1	A	L	G	K	< 2	< 5	3020-004-1	< 2	23.90	3020-004-5	10/4/2019	10/4/2019
053	20635 Eastwood	8/14/2019	3	F	C	C	K	< 2	5.00	3020-053-1	< 2	< 5	3020-053-5	10/4/2019	10/4/2019
056	20838 Woodmont	8/5/2019	OT	OT	C	P	K	1.40	15.00	3020-056-1	0.26	3.20	3020-056-5	10/4/2019	10/4/2019
057	21114 Huntington	8/7/2019	OT	OT	C	G	K	0.24	22.00	3020-057-1	< 0.2	5.40	3020-057-5	10/4/2019	10/4/2019
067	20693 Woodcrest	8/4/2019	OT	OT	G	G	K	< 0.2	3.60	3020-067-1	0.29	6.80	3020-067-5	10/4/2019	10/4/2019
069	21533 Newcastle	8/6/2019	3	F	G	C/G/P	K	0.53	2.40	3020-069-1	< 0.2	2.70	3020-069-5	10/4/2019	10/4/2019
070	20202 Lennon	8/13/2019	1	A	L	C	K	< 2	194.72	3020-070-1	< 2	33.86	3020-070-5	10/4/2019	10/4/2019
079	19307 Beaconsfield	8/9/2019	1	A	L	G	K	2.80	4.90	3020-079-1	4.30	5.70	3020-079-5	10/4/2019	10/4/2019
108	19178 Elkhart	8/13/2019	1	A	L	C	K	< 2	< 5	3020-108-1	< 2	< 5	3020-108-5	10/4/2019	10/4/2019
109	19731 Roscommon	8/23/2019	1	A	L	G	K	20.51	10.62	3020-109-1	28.60	42.52	3020-109-5	10/4/2019	10/4/2019
110	20001 Elkhart	8/29/2019	1	A	L	P	K	< 2	< 5	3020-110-1	< 2	< 5	3020-110-5	10/4/2019	10/4/2019
112	19207 Elkhart	8/15/2019	1	A	L	C/G/P	K	5.72	7.72	3020-112-1	9.50	< 5	3020-112-5	10/4/2019	10/4/2019
113	18964 Elkhart	8/24/2019	1	A	L	G	B	< 2	< 5	3020-113-1	< 2	< 5	3020-113-5	10/4/2019	10/4/2019
114	19447 Elkhart	8/28/2019	1	A	L	P	K	3.58	10.85	3020-114-1	12.62	< 5	3020-114-5	10/4/2019	10/4/2019
117	18802 Woodside	8/25/2019	1	A	L		K	< 2	14.61	3020-117-1	< 2	< 5	3020-117-5	10/4/2019	10/4/2019
118	19258 Beaconsfield	8/23/2019	1	A	L	P	K	< 2	< 5	3020-118-1	< 2	< 5	3020-118-5	10/4/2019	10/4/2019
119	1999 Manchester	8/27/2019	1	A	L	G	K	< 2	16.46	3020-119-1	< 2	73.69	3020-119-5	10/4/2019	10/4/2019
120	19743 Anita	8/23/2019	1	A	L	C	K	< 2	7.44	3020-120-1	< 2	9.85	3020-120-5	10/4/2019	10/4/2019
121	20221 Elkhart	8/22/2019	3	F	C	C	B	< 2	34.63	3020-121-1	< 2	19.91	3020-121-5	10/4/2019	10/4/2019
122	19968 Roscommon	8/28/2019	OT	OT	C	G	K	< 2	31.42	3020-122-1	< 2	< 5	3020-122-5	10/4/2019	10/4/2019
123	18997 Huntington	8/23/2019	1	A	L	P	K	2.91	< 5	3020-123-1	6.93	< 5	3020-123-5	10/4/2019	10/4/2019

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Harper Woods WSSN: 03020

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
124	20417 Huntington	8/22/2019	1	A	L	G	K	< 2	24.47	3020-124-1	< 2	14.17	3020-124-5	10/4/2019	10/4/2019
125	20445 Lennon St.	8/21/2019	OT	OT	C	G	B	1.50	3.30	3020-125-1	0.95	5.80	3020-125-5	10/4/2019	10/4/2019
126	20022 Woodcrest	8/22/2019	1	A	L	C	K	42.00	56.00	3020-126-1	5.00	12.00	3020-126-5	10/4/2019	10/4/2019
127	19382 Calus	8/23/2019	1	A	L		K	2.23	6.95	3020-127-1	5.92	< 5	3020-127-5	10/4/2019	10/4/2019
128	19629 Elkhart	8/23/2019	1	A	L	G	K	19.54	< 5	3020-128-1	6.74	< 5	3020-128-5	10/4/2019	10/4/2019
129	19035 Huntington	8/27/2019	1	A	L		K	2.29	33.25	3020-129-1	3.37	< 5	3020-129-5	10/4/2019	10/4/2019
130	19446 Elkhart	8/29/2019	1	A	L	P	K	2.01	16.07	3020-130-1	2.54	< 5	3020-130-5	10/4/2019	10/4/2019
041	**19206 Roscommon**	**7/25/2019**	**1**	**A**	**L**	**G**	**K**	**8.45**	**10.67**	**3020-041-1**	**3.88**	**< 5**	**3020-041-5**	**10/10/2019**	**10/10/2019**

Samples in bold have been added since the set sent on 10/04/2019

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988	* Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Hazel Park WSSN: 03100

(Use additional sheets as needed).

Sample Pool = 30, GLWA Laboratory

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
104	50 W. Hayes	8/5/2019	1	A	L	C	K	3.84	11.06	3100-104-1	6.25	< 5	3100-104-5	10/2/2019	10/2/2019

RECEIVED
OCT 30 2019
MDEQ-DWMA

* Tier	* Category	Description	* Tier	* Category	Description	* Material	* Tap Type
Tier 1	A	Single family or small complex site	Tier 3	D*	Multi family or building or small complex site	L = Lead	K = Kelly Cock
	B	Single family or other non-plumbing		E	Multi family or building or other non-plumbing	C = Copper	B = Bathroom Sink
	C	Multi family residential (MFR) or a SMC* of lead service plumbing, if MFRs comprise at least 20% of total service connections	Tier 3	F	Single family or typical plumbing with lead solder installed before 1988	G = Galvanized P = Plastic	O = Other (not applicable for residential sites)
		* Use Parts A if any samples collected from sites with L,G,P, or other representative 1st and 5th liter results	Other	OT	If not Tier 1, 2, 3 sites, right sized representation of plumbing commonly found throughout the supply	* Use Parts A if any samples collected from sites with lead service lines to report 1st and 5th liter results	

GLWA

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Hazel Park WSSN: 03100

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
007	135 E. Mapledale	7/23/2019	1	A	L	C	K	2.10	48.00	3100-007-1	9.60	4.50	3100-007-5	10/2/2019	10/2/2019
009	55 W. Brickley	7/25/2019	1	A	L	C/G	K	3.30	11.00	3100-009-1	16.00	2.20	3100-009-5	10/2/2019	10/2/2019
027	419 E. Meyers	8/1/2019	1	A	L	C	K	< 2	10.97	3100-027-1	2.25	< 5	3100-027-5	10/2/2019	10/2/2019
038	23826 Reynolds	7/23/2019	1	A	L	C	K	9.30	29.00	3100-038-1	5.80	3.70	3100-038-5	10/2/2019	10/2/2019
043	550 E. Mapledale	7/23/2019	1	A	L	C	K	3.70	3.70	3100-043-1	13.00	1.90	3100-043-5	10/2/2019	10/2/2019
044	528 E. Mapledale	7/25/2019	1	A	L	C	K	5.00	64.00	3100-044-1	7.70	46.00	3100-044-5	10/2/2019	10/2/2019
051	612 E. Harry	7/22/2019	1	A	L	G	K	3.20	2.70	3100-051-1	7.30	1.30	3100-051-5	10/2/2019	10/2/2019
059	639 W. Shevlin	7/23/2019	1	A	L	C	K	1.80	20.00	3100-059-1	11.00	2.60	3100-059-5	10/2/2019	10/2/2019
084	419 E. Harry	7/22/2019	1	A	L	C	K	2.70	55.00	3100-084-1	7.50	5.90	3100-084-5	10/2/2019	10/2/2019
085	23048 Carisle	7/22/2019	1	A	L	C	K	1.10	100.00	3100-085-1	1.20	34.00	3100-085-5	10/2/2019	10/2/2019
086	23056 Carlisle	7/22/2019	1	A	L	C/G	K	3.80	99.00	3100-086-1	1.80	8.60	3100-086-5	10/2/2019	10/2/2019
087	23065 Battelle	7/22/2019	1	A	L	C	K	1.80	31.00	3100-087-1	6.20	5.80	3100-087-5	10/2/2019	10/2/2019
088	410 S. Felker	7/22/2019	1	A	L	C/G	K	3.20	6.60	3100-088-1	5.60	2.90	3100-088-5	10/2/2019	10/2/2019
089	23136 Vassar	7/22/2019	1	A	L	C	K	3.40	6.80	3100-089-1	12.00	2.90	3100-089-5	10/2/2019	10/2/2019
090	23392 Cayuga	7/22/2019	1	A	L	C	K	3.10	7.90	3100-090-1	7.80	1.90	3100-090-5	10/2/2019	10/2/2019
091	23119 Melville	7/22/2019	1	A	L	C	K	4.60	5.80	3100-091-1	**18.00**	2.30	3100-091-5	10/2/2019	10/2/2019
092	23097 Easterling	7/22/2019	1	A	L	C	K	0.70	150.00	3100-092-1	1.80	22.00	3100-092-5	10/2/2019	10/2/2019
093	23312 Couzens	7/30/2019	1	A	L	C	K	2.90	2.70	3100-093-1	5.10	1.30	3100-093-5	10/2/2019	10/2/2019
094	1337 E. Granet	7/23/2019	1	A	L	C	K	1.30	37.00	3100-094-1	10.00	9.60	3100-094-5	10/2/2019	10/2/2019
095	309 W. Muir	7/24/2019	1	A	L	P	K	1.20	2.40	3100-095-1	1.30	< 1.00	3100-095-5	10/2/2019	10/2/2019
096	312 E. Pearl	7/23/2019	1	A	L	C	K	1.00	37.00	3100-096-1	7.20	6.00	3100-096-5	10/2/2019	10/2/2019
097	531 E. Evelyn	7/23/2019	1	A	L	G	K	2.70	5.30	3100-097-1	9.90	7.40	3100-097-5	10/2/2019	10/2/2019

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

11. TAP SAMPLING DATA

(Use additional sheets as needed).

Water Supply Name: Hazel Park WSSN: 03100

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
098	344 E. Harry	7/26/2019	1	A	L	C	K	0.64	82.00	3100-098-1	0.78	28.00	3100-098-5	10/2/2019	10/2/2019
103	309 E. Evelyn	7/26/2019	1	A	L	C	K	5.50	21.00	3100-103-1	6.00	4.80	3100-103-5	10/2/2019	10/2/2019
104	50 W. Hayes	8/5/2019	1	A	L	C	K	3.84	11.06	3100-104-1	6.25	< 5	3100-104-5	10/2/2019	10/2/2019
105	1202 E. Hayes	7/24/2019	1	A	L	P	K	2.90	14.00	3100-105-1	14.00	8.00	3100-105-5	10/2/2019	10/2/2019
106	548 E. Hayes	7/23/2019	1	A	L	P	K	4.80	11.00	3100-106-1	6.50	7.80	3100-106-5	10/2/2019	10/2/2019
108	557 E. Elza	7/25/2019	1	A	L	C	K	1.40	5.70	3100-108-1	6.10	3.50	3100-108-5	10/2/2019	10/2/2019
110	145 W. Elza	7/26/2019	1	A	L	C	K	3.90	45.00	3100-110-1	**28.00**	13.00	3100-110-5	10/2/2019	10/2/2019
111	23033 Cayuga	7/30/2019	1	A	L	C	K	1.60	10.00	3100-111-1	4.70	6.60	3100-111-5	10/2/2019	10/2/2019

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs compose at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1983		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

ANALYTICAL REPORT

WHITE WATER ASSOCIATES, INC.
429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client: Hermansville Housing
Project: WSSN3120
Date Received: 5/2/2019
WWA Job #: 82299
Sample Matrix: Drinking water
Date Reported: 5/30/2019

Sample Number | ID | Description | Date/Time Sampled

82299-001 | Apt 101 | 5/2/2019 5:30:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	550		ug/L	5/15/2019 14:12	200.7	5.0	20	SB
Lead (dw)	36	‡	ug/L	5/16/2019 12:36	200.8	0.41	1.0	SB

82299-002 | Apt 111 | 5/2/2019 5:37:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	26		ug/L	5/15/2019 14:15	200.7	5.0	20	SB
Lead (dw)	7.5		ug/L	5/16/2019 12:38	200.8	0.41	1.0	SB

82299-003 | Apt 114 | 5/2/2019 5:42:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	73		ug/L	5/15/2019 14:22	200.7	5.0	20	SB
Lead (dw)	3.8		ug/L	5/16/2019 12:40	200.8	0.41	1.0	SB

82299-004 | Apt 117 | 5/2/2019 5:46:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	59		ug/L	5/15/2019 14:25	200.7	5.0	20	SB
Lead (dw)	6.1		ug/L	5/16/2019 12:42	200.8	0.41	1.0	SB

82299-005 | Apt 118 | 5/2/2019 5:49:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	12	J	ug/L	5/15/2019 14:28	200.7	5.0	20	SB
Lead (dw)	0.65	J	ug/L	5/16/2019 12:44	200.8	0.41	1.0	SB

ANALYTICAL REPORT

WHITE WATER ASSOCIATES, INC.
429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client:	Hermansville Housing	**WWA Job #:**	82299
Project:	WSSN3120	**Sample Matrix:**	Drinking water
Date Received:	5/2/2019	**Date Reported:**	5/30/2019

Sample Number | ID | Description | Date/Time Sampled

CERTIFICATION
I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and White Water Associates Standard Operating Procedures. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this Final Report is authorized by White Water Associates management, as is verified by the following signature.

Approved By: Electronically signed by Bette J. Premo

Bette J. Premo

NOTES
ND = not detected, MDL = method detection limit, MQL = method quantitation limit
ppm = mg/L (liquid) or mg/kg (solid), ppb = ug/L (liquid) or ug/kg (solid)
Negative = No coliform bacteria detected, Positive = Coliform bacteria detected
B The analyte was found in the associated blank as well as in the sample.
H Indicates analytical holding time exceedance.
J The quantitation is an estimated value because the result is less than the sample quantitation limit but greater than the detection limit.
M A matrix effect was present.
V Insufficient sample volume received (100 ml is required by MDEQ).
* RPD exceeds limits.
# Indicates reading exceeds US EPA Maximum Contaminant Level for Arsenic (10 ug/L).
† Indicates reading exceeds US EPA Action Level for Copper (1300 ug/L).
‡ Indicates reading exceeds US EPA Action Level for Lead (15 ug/L).

MI DEQ Certification Number: 9306

Login Checklist

WHITE WATER ASSOCIATES, INC.

Project No.:	82299	**Date logged in.:** 5/2/2019		**Login person's initials:**	ER
Client:	Hermansville Housing			**Number of coolers:**	0
Project name:	WSSN3120			**Courier/shipper:**	Client

- ☑ **1. Custody seals/original packing tape were intact (if applicable).**
- ☑ **2. Samples are in good condition, i.e. not broken or leaking.**
- ☑ **3. Samples were received within holding times.**
- ☐ **4. Samples were received on ice (ice in direct contact with the samples).**
- ☐ **5. Temperature of the samples was between 0-6°C. Temp.:** 22

  NOTE: Samples not between 0-6°C that are received at the laboratory on the day of sample collections do not require client notification.
- ☑ **6. Samples matched the Chain of Custody (COC).**
- ☑ **7. Proper containers were used.**
- ☑ **8. Samples were collected in White Water lab containers.**
- ☑ **9. There is adequate sample volume for requested analyses and QC.**
- ☐ **10. For water VOC samples, headspace is less than the size of a pea.**
- ☑ **11. Samples are preserved to the proper pH. Sample bottles and preservation are noted in LIMS Sample Container Section.**
- ☑ **12. The COC is signed. (either Sampler or Relinquished by)**
- ☐ **13. Sub-sampling (SS) is required. Bottles created are noted in sample containers section of log-in form.**
- ☑ **14. For Dissolved Analysis (when applicable), samples were filtered in the lab.**
- ☐ **15. For soil VOCs, methanol preserved samples were received.**
- ☐ **16. For Soil VOCs, samples were preserved with methanol in the lab.**
- ☐ **17. Client contact is necessary. Provide documentation below.**

COMMENTS/CORRECTIVE ACTION

CLIENT RESPONSE

Note: If hold time, volume, and received on ice or temperature criteria are not met when required by the method, results may not be able to be used for regulatory purposes. Check with your reporting agency for more information.

JGut 5/31/19

Version 160504

Job # (WWA office use): 82299 /

CHAIN-OF-CUSTODY RECORD

WHITE WATER ASSOCIATES, INC.

429 River Lane, P.O. Box 27
Amasa, Michigan 49903
Phone: (906) 822-7889, Fax -7977
Web: white-water-associates.com

CLIENT NAME / BILL TO	EMAIL ADDRESS
Hermansville Housing /	
ADDRESS	TELEPHONE
W5577 W 3rd St	906-295-0340
CITY / STATE / ZIP	CONTRACT / PO / PROJECT NAME / WSSN#
Hermansville / MI / 49847	3120 /
SAMPLER NAME (print first/last name)	COUNTY OF LOCATION / PAGE
MARK SCHOEN	Menominee / 1 OF 1 (Indicate if more than one page of COC records used)
SAMPLER'S SIGNATURE	Check off preservatives for each bottle upon arrival and indicate total number of bottles. WWA database contains bottle preservation details.
Mark Schoen	

ANALYSIS TYPE REQUESTED (Attach list if neeeded): Lead; Copper; Investigation Samples

Instructions to White Water
Send my report by:
____ email
____ mail

Unless otherwise noted, drinking water report copies are sent to MDEQ and Health Dept.

REMARKS (Note any special instructions provided by client or conditions of receipt noted by WWA lab staff. Also note any residual chlorine.)

	SAMPLE ID AND LOCATION (Containers for each sample may be combined on one line.)	DATE	TIME	SAMPLE MATRIX: Drinking water	Aqueous	Sed.	Soil	Other:	CONTAINERS / PRESERVATIVES: None	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Na Thio	Total Number of Containers	Lead	Copper	Investigation Samples
1	APT 101	5-2-19	5:30 AM	X					X							1	X	X	
2	APT 111	5-2-19	5:37 AM	X															
3	APT 114	5-2-19	5:42 AM	X															
4	APT 117	5-2-19	5:46 AM	X															
5	APT 118	5-2-19	5:41 AM	X															

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Mark Schoen	5-2-19	13:00			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
				5-2-19	1300

Comments/Sample temp. on receipt: 22

Packing: Ice NO Cooler

WHITE - RETURN W/ REPORT CANARY - W/ SAMPLES PINK - CUSTOMER

UPS☐ FedEx☐ USPS☐ Client☒ Other _____

ANALYTICAL REPORT

WHITE WATER ASSOCIATES, INC.
429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client: Hermansville Housing
Project: WSSN3120
Date Received: 8/22/2019
WWA Job #: 84891
Sample Matrix: Drinking water
Date Reported: 9/26/2019

Sample Number | ID | Description | Date/Time Sampled

84891-001 | Apt 114 | 8/22/2019 5:30:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	29		ug/L	8/28/2019 11:47	200.7	2.3	20	SB
Lead (dw)	1.4		ug/L	9/18/2019 10:50	200.8	0.41	1.0	AH

84891-002 | Apt 111 | 8/22/2019 5:35:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	370		ug/L	8/28/2019 11:50	200.7	2.3	20	SB
Lead (dw)	7.4		ug/L	9/18/2019 10:52	200.8	0.41	1.0	AH

84891-003 | Apt 101 | 8/22/2019 5:40:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	36		ug/L	8/28/2019 11:54	200.7	2.3	20	SB
Lead (dw)	ND		ug/L	9/18/2019 10:58	200.8	0.41	1.0	AH

84891-004 | Apt 118 | 8/22/2019 5:45:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	18	J	ug/L	8/28/2019 12:03	200.7	2.3	20	SB
Lead (dw)	ND		ug/L	9/18/2019 11:00	200.8	0.41	1.0	AH

84891-005 | Apt 117 | 8/22/2019 5:50:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	220		ug/L	9/23/2019 14:37	200.7	14	35	SB
Lead (dw)	1.8		ug/L	9/17/2019 13:26	200.8	0.08	0.50	AH

ANALYTICAL REPORT

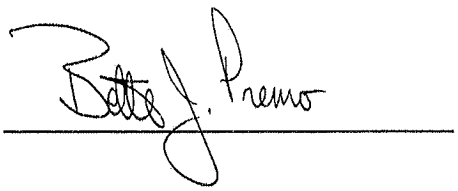
WHITE WATER ASSOCIATES, INC.
429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client:	Hermansville Housing	**WWA Job #:**	84891
Project:	WSSN3120	**Sample Matrix:**	Drinking water
Date Received:	8/22/2019	**Date Reported:**	9/26/2019

Sample Number | ID | Description | Date/Time Sampled

CERTIFICATION
I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and White Water Associates Standard Operating Procedures. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this Final Report is authorized by White Water Associates management, as is verified by the following signature.

Approved By: Electronically signed by Bette J. Premo



NOTES
ND = not detected, MDL = method detection limit, MQL = method quantitation limit
ppm = mg/L (liquid) or mg/kg (solid), ppb = ug/L (liquid) or ug/kg (solid)
Negative = No coliform bacteria detected, Positive = Coliform bacteria detected
B The analyte was found in the associated blank as well as in the sample.
H Indicates analytical holding time exceedance.
J The quantitation is an estimated value because the result is less than the sample quantitation limit but greater than the detection limit.
M A matrix effect was present.
V Insufficient sample volume received (100 ml is required by MI EGLE).
* RPD/RSD exceeds limits.
# Indicates reading exceeds US EPA Maximum Contaminant Level for Arsenic (10 ug/L).
† Indicates reading exceeds US EPA Action Level for Copper (1300 ug/L).
‡ Indicates reading exceeds US EPA Action Level for Lead (15 ug/L).

MI EGLE Certification Number: 9306

Login Checklist

WHITE WATER ASSOCIATES, INC.

Project No.:	84891	**Date logged in.:**	8/22/2019	**Login person's initials:**	ER
Client:	Hermansville Housing			**Number of coolers:**	1
Project name:	WSSN3120			**Courier/shipper:**	Client

- ☑ **1. Custody seals/original packing tape were intact (if applicable).**
- ☑ **2. Samples are in good condition, i.e. not broken or leaking.**
- ☑ **3. Samples were received within holding times.**
- ☑ **4. Samples were received on ice (in direct contact with the samples).**
- ☐ **5. Temperature of the samples was between 0-6°C. Temp.:** 13

  NOTE: Samples not between 0-6°C that are received at the laboratory on the day of sample collections do not require client notification.
- ☑ **6. Samples matched the Chain of Custody (COC).**
- ☑ **7. Proper containers were used.**
- ☑ **8. Samples were collected in White Water lab containers.**
- ☑ **9. There is adequate sample volume for requested analyses and QC.**
- ☐ **10. For water VOC samples, headspace is less than the size of a pea.**
- ☑ **11. Samples are preserved to the proper pH. Sample bottles and preservation are noted in LIMS Sample Container Section.**
- ☑ **12. The COC is signed. (either Sampler or Relinquished by)**
- ☐ **13. Sub-sampling (SS) is required. Bottles created are noted in sample containers section of log-in form.**
- ☑ **14. For Dissolved Analysis (when applicable), samples were filtered in the lab.**
- ☐ **15. For soil VOCs, methanol preserved samples were received.**
- ☐ **16. For Soil VOCs, samples were preserved with methanol in the lab.**
- ☐ **17. Client contact is necessary. Provide documentation below.**

NOTES on #4:

COMMENTS/CORRECTIVE ACTION

CLIENT RESPONSE

Note: If hold time, volume, and received on ice or temperature criteria are not met when required by the method, results may not be able to be used for regulatory purposes. Check with your reporting agency for more information.

JGLH 8/20/19
Version 160504

Job # (WWA office use): 84891

CHAIN-OF-CUSTODY RECORD

WHITE WATER ASSOCIATES, INC.

429 River Lane, P.O. Box 27
Amasa, Michigan 49903
Phone: (906) 822-7889, Fax -7977
Web: white-water-associates.com

CLIENT NAME / BILL TO: Hermansville Housing
EMAIL ADDRESS: SSchoen1984@gmail.com
ADDRESS: W5577 W3rd Street
TELEPHONE: 906-295-0340
CITY: Hermansville | STATE: MI | ZIP: 49847
CONTRACT / PO / PROJECT NAME / WSSN#: 3120
SAMPLER NAME (print first/last name): Mark Schoen
COUNTY OF LOCATION: Menominee
PAGE 1 OF 1 — Indicate if more than one page of COC records used
SAMPLER'S SIGNATURE: Mark Schoen

Check off preservatives for each bottle upon arrival and indicate total number of bottles. WWA database contains bottle preservation details.

SAMPLE ID AND LOCATION (Containers for each sample may be combined on one line.)	DATE	TIME	SAMPLE MATRIX: Drinking water	Aqueous	Sed.	Soil	Other:	CONTAINERS / PRESERVATIVES: None	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Na Thio	Total Number of Containers	ANALYSIS TYPE REQUESTED: Lead & Copper
Apt 114 1	8-22-19	5:30 AM	X					X								1
			X													1
Apt 111 2	8-22-19	5:35 AM	X													1
Apt 101 3	8-22-19	5:40 AM	X													1
Apt 118 4	8-22-19	5:45 AM	X													1
Apt 117 5	8-22-19	5:50 AM	X													1
			1					1								1
																1

Instructions to White Water
Send my report by:
____ email
____ mail

Unless otherwise noted, drinking water report copies are sent to MDEQ and Health Dept.

REMARKS (Note any special instructions provided by client or conditions of receipt noted by WWA lab staff. Also note any residual chlorine.)

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Mark Schoen	8-22-19	1:00	T. Monrie (1)	8/22/19	1300
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Comments/Sample temp. on receipt: 13

Packing: Ice YES
Cooler YES

WHITE - RETURN W/ REPORT CANARY - W/ SAMPLES PINK - CUSTOMER

UPS☐ FedEx☐ USPS☐ Client☑ Other _____

ANALYTICAL REPORT

WHITE WATER ASSOCIATES, INC.
429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client: Hermansville Housing
Project: WSSN3120
Date Received: 6/20/2019
WWA Job #: 83455
Sample Matrix: Drinking water
Date Reported: 7/8/2019

Sample Number | ID | Description | Date/Time Sampled

83455-001 | Apt 120 | 6/20/2019 5:25:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	330		ug/L	7/2/2019 13:17	200.7	2.3	20	SB
Lead (dw)	2.3		ug/L	7/2/2019 13:03	200.8	0.41	1.0	AH

83455-002 | Apt 122 | 6/20/2019 5:30:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	13	J	ug/L	7/2/2019 13:20	200.7	2.3	20	SB
Lead (dw)	1.1		ug/L	7/2/2019 13:05	200.8	0.41	1.0	AH

83455-003 | Apt 113 | 6/20/2019 5:35:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	21		ug/L	7/2/2019 13:24	200.7	2.3	20	SB
Lead (dw)	ND		ug/L	7/2/2019 13:20	200.8	0.41	1.0	AH

83455-004 | Apt 105 | 6/20/2019 5:20:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	15	J	ug/L	7/2/2019 13:27	200.7	2.3	20	SB
Lead (dw)	0.77	J	ug/L	7/2/2019 13:22	200.8	0.41	1.0	AH

83455-005 | Apt 116 | 6/20/2019 5:40:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	12	J	ug/L	7/2/2019 13:33	200.7	2.3	20	SB
Lead (dw)	0.70	J	ug/L	7/2/2019 13:24	200.8	0.41	1.0	AH

ANALYTICAL REPORT

WHITE WATER ASSOCIATES, INC.
429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client:	Hermansville Housing	**WWA Job #:**	83455
Project:	WSSN3120	**Sample Matrix:**	Drinking water
Date Received:	6/20/2019	**Date Reported:**	7/8/2019

Sample Number | ID | Description | Date/Time Sampled

CERTIFICATION
I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and White Water Associates Standard Operating Procedures. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this Final Report is authorized by White Water Associates management, as is verified by the following signature.

Approved By: Electronically signed by Bette J. Premo

Bette J. Premo

NOTES
ND = not detected, MDL = method detection limit, MQL = method quantitation limit
ppm = mg/L (liquid) or mg/kg (solid), ppb = ug/L (liquid) or ug/kg (solid)
Negative = No coliform bacteria detected, Positive = Coliform bacteria detected
B The analyte was found in the associated blank as well as in the sample.
H Indicates analytical holding time exceedance.
J The quantitation is an estimated value because the result is less than the sample quantitation limit but greater than the detection limit.
M A matrix effect was present.
V Insufficient sample volume received (100 ml is required by MDEQ).
* RPD exceeds limits.
# Indicates reading exceeds US EPA Maximum Contaminant Level for Arsenic (10 ug/L).
† Indicates reading exceeds US EPA Action Level for Copper (1300 ug/L).
‡ Indicates reading exceeds US EPA Action Level for Lead (15 ug/L).

MI DEQ Certification Number: 9306

Login Checklist

WHITE WATER ASSOCIATES, INC.

Project No.:	83455	**Date logged in.:**	6/20/2019	**Login person's initials:**	ER
Client:	Hermansville Housing			**Number of coolers:**	0
Project name:	WSSN3120			**Courier/shipper:**	Client

- ☑ **1. Custody seals/original packing tape were intact (if applicable).**
- ☑ **2. Samples are in good condition, i.e. not broken or leaking.**
- ☑ **3. Samples were received within holding times.**
- ☐ **4. Samples were received on ice (ice in direct contact with the samples).**
- ☐ **5. Temperature of the samples was between 0-6°C. Temp.:** 24

  NOTE: Samples not between 0-6°C that are received at the laboratory on the day of sample collections do not require client notification.
- ☑ **6. Samples matched the Chain of Custody (COC).**
- ☑ **7. Proper containers were used.**
- ☑ **8. Samples were collected in White Water lab containers.**
- ☑ **9. There is adequate sample volume for requested analyses and QC.**
- ☐ **10. For water VOC samples, headspace is less than the size of a pea.**
- ☑ **11. Samples are preserved to the proper pH. Sample bottles and preservation are noted in LIMS Sample Container Section.**
- ☑ **12. The COC is signed. (either Sampler or Relinquished by)**
- ☐ **13. Sub-sampling (SS) is required. Bottles created are noted in sample containers section of log-in form.**
- ☑ **14. For Dissolved Analysis (when applicable), samples were filtered in the lab.**
- ☐ **15. For soil VOCs, methanol preserved samples were received.**
- ☐ **16. For Soil VOCs, samples were preserved with methanol in the lab.**
- ☐ **17. Client contact is necessary. Provide documentation below.**

COMMENTS/CORRECTIVE ACTION

CLIENT RESPONSE

Note: If hold time, volume, and received on ice or temperature criteria are not met when required by the method, results may not be able to be used for regulatory purposes. Check with your reporting agency for more information.

JCuff 6/24/19

Version 160504

Job # (WWA office use): 83455 / **CHAIN-OF-CUSTODY RECORD**

WHITE WATER ASSOCIATES, INC.

429 River Lane, P.O. Box 27
Amasa, Michigan 49903

Phone: (906) 822-7889, Fax -7977
Web: white-water-associates.com

CLIENT NAME / BILL TO	EMAIL ADDRESS
Hermansville Housing	MgoldenShores@gmail.com
ADDRESS	**TELEPHONE**
W5577 W3rd St	906-295-0340
CITY / **STATE** / **ZIP**	**CONTRACT / PO / PROJECT NAME / WSSN#**
Hermansville / Mi / 49847	3120
SAMPLER NAME (print first/last name)	**COUNTY OF LOCATION** / **PAGE**
Mark Schoen	Menominee / 1 OF 1 (Indicate if more than one page of COC records used)
SAMPLER'S SIGNATURE	Check off preservatives for each bottle upon arrival and indicate total number of bottles. WWA database contains bottle preservation details.
Mark Schoen	

ANALYSIS TYPE REQUESTED (Attach list if neeeded)

Instructions to White Water
Send my report by:
____ email
____ mail

Unless otherwise noted, drinking water report copies are sent to MDEQ and Health Dept.

REMARKS (Note any special instructions provided by client or conditions of receipt noted by WWA lab staff. Also note any residual chlorine.)

	SAMPLE ID AND LOCATION (Containers for each sample may be combined on one line.)	DATE	TIME	SAMPLE MATRIX: Drinking water	Aqueous	Sed.	Soil	Other:	CONTAINERS / PRESERVATIVES: None	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Na Thio	Total Number of Containers	Lead	Copper
1	Apt 120	6-20-19	5:25Am	X					X							1	X	X
2	Apt 122	6-20-19	5:30Am															
3	Apt 113	6-20-19	5:35Am															
4	Apt 105	6-20-19	5:20 PM															
5	Apt 116	6-20-19	5:40Am															

Relinquished by:	Date:	Time:	Received by:	Date:	Time:	Comments/Sample temp. on receipt:
Mark Schoen	6-20-19					Packing: Ice NO Cooler
Relinquished by:	Date:	Time:	Received by:	Date:	Time:	24
				6-20-19	1305	

WHITE - RETURN W/ REPORT CANARY - W/ SAMPLES PINK - CUSTOMER

UPS☐ FedEx☐ USPS☐ Client☒ Other _____

ANALYTICAL REPORT

WHITE WATER ASSOCIATES, INC.
429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax-7977

Client: Hermansville Housing
Project: WSSN3120
Date Received: 12/23/2019
WWA Job #: 87295
Sample Matrix: Drinking water
Date Reported: 1/8/2020

Sample Number | ID | Description | Date/Time Sampled

87295-001 | Apt 114 | 12/23/2019 5:25:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	270		ug/L	1/6/2020 13:32	200.7	2.3	20	SB
Lead (dw)	53	‡	ug/L	1/2/2020 12:36	200.8	0.41	1.0	AH

87295-002 | Apt 111 | 12/23/2019 5:15:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	14	J	ug/L	1/6/2020 13:35	200.7	2.3	20	SB
Lead (dw)	1.9		ug/L	1/2/2020 12:51	200.8	0.41	1.0	AH

87295-003 | Apt 101 | 12/23/2019 5:20:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	50		ug/L	1/6/2020 13:38	200.7	2.3	20	SB
Lead (dw)	1.6		ug/L	1/2/2020 12:53	200.8	0.41	1.0	AH

87295-004 | Apt 118 | 12/23/2019 5:30:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	35		ug/L	1/6/2020 13:41	200.7	2.3	20	SB
Lead (dw)	0.77	J	ug/L	1/2/2020 12:55	200.8	0.41	1.0	AH

87295-005 | Apt 117 | 12/23/2019 5:30:00 AM

Test	Result	Flags	Units	Date/Time	Method	MDL	MQL	Analyst
Copper (dw)	22		ug/L	1/6/2020 13:52	200.7	2.3	20	SB
Lead (dw)	1.2		ug/L	1/2/2020 12:57	200.8	0.41	1.0	AH

ANALYTICAL REPORT

WHITE WATER ASSOCIATES, INC.
429 River Lane • PO Box 27 Amasa, MI 49903 • Ph (906) 822-7889 • Fax -7977

Client:	Hermansville Housing	**WWA Job #:**	87295
Project:	WSSN3120	**Sample Matrix:**	Drinking water
Date Received:	12/23/2019	**Date Reported:**	1/8/2020

Sample Number | ID | Description | Date/Time Sampled

CERTIFICATION
I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and White Water Associates Standard Operating Procedures. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this Final Report is authorized by White Water Associates management, as is verified by the following signature.

Approved By: Electronically signed by Bette J. Premo

Bette J. Premo

NOTES
ND = not detected, MDL = method detection limit, MQL = method quantitation limit
ppm = mg/L (liquid) or mg/kg (solid), ppb = ug/L (liquid) or ug/kg (solid)
Negative = No coliform bacteria detected, Positive = Coliform bacteria detected
B The analyte was found in the associated blank as well as in the sample.
H Indicates analytical holding time exceedance.
J The quantitation is an estimated value because the result is less than the sample quantitation limit but greater than the detection limit.
M A matrix effect was present.
V Insufficient sample volume received (100 ml is required by MI EGLE).
* RPD/RSD exceeds limits.
# Indicates reading exceeds US EPA Maximum Contaminant Level for Arsenic (10 ug/L).
† Indicates reading exceeds US EPA Action Level for Copper (1300 ug/L).
‡ Indicates reading exceeds US EPA Action Level for Lead (15 ug/L).

MI EGLE Certification Number: 9306

Login Checklist

WHITE WATER ASSOCIATES, INC.

Project No.: 87295 **Date logged in.:** 12/23/2019 **Login person's initials:** AH

Client: Hermansville Housing **Number of coolers:** 1

Project name: WSSN3120 **Courier/shipper:** Client

- [x] **1. Custody seals/original packing tape were intact (if applicable).**
- [x] **2. Samples are in good condition, i.e. not broken or leaking.**
- [x] **3. Samples were received within holding times.**
- [ ] **4. Samples were received on ice (in direct contact with the samples).**
- [ ] **5. Temperature of the samples was between 0-6°C. Temp.:** 7

NOTES on #4:

NOTE: Samples not between 0-6°C that are received at the laboratory on the day of sample collections do not require client notification.

- [x] **6. Samples matched the Chain of Custody (COC).**
- [x] **7. Proper containers were used.**
- [x] **8. Samples were collected in White Water lab containers.**
- [x] **9. There is adequate sample volume for requested analyses and QC.**
- [ ] **10. For water VOC samples, headspace is less than the size of a pea.**
- [x] **11. Samples are preserved to the proper pH. Sample bottles and preservation are noted in LIMS Sample Container Section.**
- [x] **12. The COC is signed. (either Sampler or Relinquished by)**
- [ ] **13. Sub-sampling (SS) is required. Bottles created are noted in sample containers section of log-in form.**
- [x] **14. For Dissolved Analysis (when applicable), samples were filtered in the lab.**
- [ ] **15. For soil VOCs, methanol preserved samples were received.**
- [ ] **16. For Soil VOCs, samples were preserved with methanol in the lab.**
- [ ] **17. Client contact is necessary. Provide documentation below.**

COMMENTS/CORRECTIVE ACTION

CLIENT RESPONSE

Note: If hold time, volume, and received on ice or temperature criteria are not met when required by the method, results may not be able to be used for regulatory purposes. Check with your reporting agency for more information.

Version 160504

Job # (WWA office use): 87295

CHAIN-OF-CUSTODY RECORD

WHITE WATER ASSOCIATES, INC.

429 River Lane, P.O. Box 27
Amasa, Michigan 49903

Phone: (906) 822-7889, Fax -7977
Web: white-water-associates.com

CLIENT NAME / BILL TO: Hermansville Housing

EMAIL ADDRESS: SgoldenShores1984@gmail.com

ADDRESS: W5577 WST

TELEPHONE: 906-[redacted]-3626

CITY: Hermansville | STATE: Mi | ZIP: 49847

CONTRACT / PO / PROJECT NAME / WSSN#: 3120

SAMPLER NAME (print first/last name): MARK Schoen

COUNTY OF LOCATION: Menominee

PAGE 1 OF 1 — Indicate if more than one page of COC records used

SAMPLER'S SIGNATURE: Mark Schoen

Check off preservatives for each bottle upon arrival and indicate total number of bottles. WWA database contains bottle preservation details.

ANALYSIS TYPE REQUESTED (Attach list if neeeded)

Instructions to White Water
Send my report by:
____ email
____ mail

Unless otherwise noted, drinking water report copies are sent to MDEQ and Health Dept.

REMARKS (Note any special instructions provided by client or conditions of receipt noted by WWA lab staff. Also note any residual chlorine.)

	SAMPLE ID AND LOCATION (Containers for each sample may be combined on one line.)	DATE	TIME	SAMPLE MATRIX: Drinking water	Aqueous	Sed.	Soil	Other:	CONTAINERS / PRESERVATIVES: None	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Na Thio	Total Number of Containers	Lead	Copper
1	Apt 114	12-23-19	5:25Am	X					X								X	X
	[redacted]																	
2	Apt 111	12-23-19	5:15Am	X					X								X	X
3	Apt 101	12-23-19	5:20Am	X					X								X	X
4	Apt 118	12-23-19	5:30Am	X					X								X	X
5	Apt 117	12-23-19	5:30	X					X								X	X
				0														
								0										

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Mark Schoen	12-23-19	1:16Pm	T. Moncrieffe 0	12/23/19	13:17
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

Comments/Sample temp. on receipt: 7

Packing: Ice NO
Cooler YES

UPS☐ FedEx☐ USPS☐ Client☑ Other _____

WHITE - RETURN W/ REPORT CANARY - W/ SAMPLES PINK - CUSTOMER

Brighton Analytical L.L.C. TM

2105 Pless Drive Brighton, Michigan 48114 Phone (810)229-7575 Fax (810)229-8650 E-mail bai-brighton@sbcglobal.net

June 25, 2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

Subject: Highland Park Water Dept.
1039-19-9094B

Dear Mr. Witkowski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/18/2019 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of $20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 59187 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.

EGLE Environment, Great Lakes, and Energy
NELAP RECOGNIZED TNI ACCREDITATION BODY
Certified WBENC Women's Business Enterprise

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/17/2019 09:00
Submit Date/Time: 06/18/2019 15:30
Report Date: 06/25/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59187**
BA Sample ID **CK04155**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **161 Farrand Park 1st**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	20	ug/L	20	1300	EPA 200.8 rev5.4	12:45	06/24/2019
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	12:45	06/24/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/25/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/17/2019 09:00
Submit Date/Time: 06/18/2019 15:30
Report Date: 06/25/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59187**
BA Sample ID **CK04156**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **161 Farrand Park 5th**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	12:48	06/24/2019
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	12:48	06/24/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/25/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/18/2019 08:30
Submit Date/Time: 06/18/2019 15:30
Report Date: 06/25/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59187**
BA Sample ID **CK04157**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **70 Florence 1st**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	12:51	06/24/2019
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	12:51	06/24/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/25/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/18/2019 08:30
Submit Date/Time: 06/18/2019 15:30
Report Date: 06/25/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59187**
BA Sample ID **CK04158**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **70 Florence 5th**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	12:54	06/24/2019
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	12:54	06/24/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/25/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/18/2019 09:05
Submit Date/Time: 06/18/2019 15:30
Report Date: 06/25/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59187**
BA Sample ID **CK04159**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **137 Connecticut 1st**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	80	ug/L	20	1300	EPA 200.8 rev5.4	12:57	06/24/2019
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	12:57	06/24/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/25/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/18/2019 09:05
Submit Date/Time: 06/18/2019 15:30
Report Date: 06/25/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59187**
BA Sample ID **CK04160**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **137 Connecticut 5th**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	13:00	06/24/2019
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	13:00	06/24/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/25/2019

Brighton Analytical, L.L.C.™

Email: bai-brighton@sbcglobal.net

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 59157

PAGE ___ OF ___

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H_2O
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

PROJECT NAME: Highland Park Water Dept.

PROJECT #: 1039 - 19 - 9094 B

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: Aaron Watts

REQUESTED TURNAROUND: (circle one)
Rush: 1 -3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____

Brighton ID #	Sample Description	Sample Coll. Date	Sample Coll. Time	Container Type & Quantity: VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	HDPE NAOH	AMBER PRESERVED?	GLASS, NO PRESERVATIVE	STERILIZED BACTERIA	MEOH Preserved Y N	Sample Matrix	Analysis Requested/Method: Lead & Copper
1) 55	161 Fairmont Park 1st	6/17	9:00A			1							DW	
2) 56	161 Fairmont Park 5th	6/17	9:00A			1							DW	
3) 57	70 Florence 1st	6/18	830A			1							DW	
4) 58	70 Florence 5th	6/18	830A			1							DW	
5) 59	137 Connecticut 1st	6/18	905A			1							DW	
6) 60	137 Connecticut 5th	6/18	905A			1							DW	
7)														
8)														
9)														
10)														

Special Instructions: 6-1L bottles.

COMPANY/MAILING ADDRESS:
Metro Consulting Associates
14110 Woodward Ave
Highland Park MI 48203
ATTN: Ken Witkowski
PHONE: Ken.Witkowski3@Metroca.net
FAX OR EMAIL: (313) 288-8507

Samples received within hold time? yes ☑ no ☐
Temperature of samples °C:
pHs verified in login? yes ☑ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☑
Sample containers and COC match? yes ☑ no ☐

BILLING ADDRESS (IF REQUIRED):

Drinking H_2O:
Fax to LCHD? yes ☐ no ☑
Chlorinated Water Supply? yes ☐ no ☐
AMT.: N/A

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): _____

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1			6-18-2019	10:00	3				
2			6/18/2019	3:70	4				

Brighton Analytical L.L.C.

BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

ICP-MS
METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 6/24/2019 Standard ID: 061219 H2O Batch: 6/20/2019 B1

Matrix Spike Lab ID: CK04176 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. (%)
Copper	970	988	1.8	1000	96.4	98.2	6	<20	112.2	102.7
Lead	955	957	0.2	1000	95.5	95.7	0	<1	109.5	98.6

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 20% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

Brighton Analytical L.L.C. TM

2105 Pless Drive Brighton, Michigan 48114 Phone (810)229-7575 Fax (810)229-8650 E-mail bai-brighton@sbcglobal.net

June 10, 2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

Subject: Highland Park Water Dept.
1039-19-9094 B

Dear Mr. Witkowski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/04/2019 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of $20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 58889 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.

EGLE Environment, Great Lakes, and Energy
NELAP RECOGNIZED TNI ACCREDITATION BODY
Certified WBENC Women's Business Enterprise

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/03/2019 08:32
Submit Date/Time: 06/04/2019 15:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58889**
BA Sample ID **CK03068**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094 B**
Sample ID: **252 Eason/1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	220	ug/L	20	1300	EPA 200.8 rev5.4	15:50	06/07/2019
Total Lead (Drinking Water)	100	ug/L	1	15	EPA 200.8 rev5.4	15:50	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/03/2019 11:00
Submit Date/Time: 06/04/2019 15:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58889**
BA Sample ID **CK03069**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094 B**
Sample ID: **51 W. Buena Vista/1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	15:53	06/07/2019
Total Lead (Drinking Water)	9	ug/L	1	15	EPA 200.8 rev5.4	15:53	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/03/2019 08:33
Submit Date/Time: 06/04/2019 15:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58889**
BA Sample ID **CK03070**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094 B**
Sample ID: **252 Eason/5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	15:55	06/07/2019
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	15:55	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/03/2019 11:00
Submit Date/Time: 06/04/2019 15:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58889**
BA Sample ID **CK03071**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094 B**
Sample ID: **51 W. Buena Vista/5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	15:58	06/07/2019
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	15:58	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/04/2019 09:15
Submit Date/Time: 06/04/2019 15:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58889**
BA Sample ID **CK03072**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094 B**
Sample ID: **28 Florence/1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	50	ug/L	20	1300	EPA 200.8 rev5.4	16:01	06/07/2019
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	16:01	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/04/2019 09:15
Submit Date/Time: 06/04/2019 15:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58889**
BA Sample ID **CK03073**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094 B**
Sample ID: **28 Florence/5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	30	ug/L	20	1300	EPA 200.8 rev5.4	16:13	06/07/2019
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	16:13	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/04/2019 09:30
Submit Date/Time: 06/04/2019 15:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58889**
BA Sample ID **CK03074**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094 B**
Sample ID: **142 Florence/1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	16:22	06/07/2019
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	16:22	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/04/2019 09:30
Submit Date/Time: 06/04/2019 15:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58889**
BA Sample ID **CK03075**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094 B**
Sample ID: **142 Florence/5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	16:25	06/07/2019
Total Lead (Drinking Water)	7	ug/L	1	15	EPA 200.8 rev5.4	16:25	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical, L.L.C.™

Email: bai-brighton@sbcglobal.net

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 58889

PAGE 1 OF 1

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H_2O
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

PROJECT NAME: Highland Park Water Dept.

PROJECT #: 1039-19-9094 B

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: AARON WATTS

REQUESTED TURNAROUND: (circle one)
Rush: 1 -3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____

Container Type & Quantity

Brighton ID #	Sample Description	Sample Coll. Date	Sample Coll. Time	VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	HDPE NAOH	AMBER PRESERVED?	GLASS, NO PRESERVATIVE	STERILIZED BACTERIA	MEOH Preserved Y N	Sample Matrix	Analysis Requested/Method: Lead & Copper
CK0 1) 3068	252 Eason / 1st Draw	6/3/19	8:32A			1							DW	
2) 69	51 W. Buena Vista / 1st Draw	6/3/19	11:00A			1							DW	
3) 70	252 Eason / 5th Draw	6/3/19	8:33A			1							DW	
4) 71	51 W. Buena Vista / 5th Draw	6/3/19	11:00A			1							DW	
5) 72	28 Florence 1st	6-4-2019	9:15			1							DW	
6) 73	28 Florence 5th	6-4-2019	9:15			1							DW	
7) 74	142 Florence 1st	6-4-2019	9:30			1							DW	
8) 75	142 Florence 5th	6-4-2019	9:30			1							DW	
9)					(12)									
10)														

Special Instructions:

COMPANY/MAILING ADDRESS:
Metro Consulting Associates
14110 Woodward Ave.
Highland Park MI 48203
ATTN: Ken Witkowski
PHONE: 313 288-8507
FAX OR EMAIL: KwitKowski3@Metroca.net

Samples received within hold time? yes ☑ no ☐
Temperature of samples °C: 4.3
pHs verified in login? yes ☑ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☑
Sample containers and COC match? yes ☑ no ☐

BILLING ADDRESS (IF REQUIRED):

Drinking H_2O:
Fax to LCHD? yes ☐ no ☐
Chlorinated Water Supply? yes ☐ no ☐
AMT.: _____

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): _____

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1			6-4-2019	10:16	3				
2			6-4-2019	3:00	4				

Brighton Analytical L.L.C.

BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

ICP-MS
METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 6/7/2019 Standard ID: 052219 H2O Batch: 6/5/2019 W3

Matrix Spike Lab ID: CK03072 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. (%)
Copper	1167	1157	0.9	1000	112.1	111.1	46	<20	111.7	108.3
Lead	1108	1081	2.5	1000	110.4	107.7	4	<1	110.9	105.9

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 20% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

Brighton Analytical L.L.C. ™

2105 Pless Drive Brighton, Michigan 48114 Phone (810)229-7575 Fax (810)229-8650 E-mail bai-brighton@sbcglobal.net

June 10, 2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

Subject: Highland Park Water Dept.
1039-19-9094 B

Dear Mr. Witkowski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/04/2019 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of $20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 58889 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.

EGLE Environment, Great Lakes, and Energy

NELAP RECOGNIZED TNI ACCREDITATION BODY

Certified WBENC Women's Business Enterprise

Brighton Analytical L.L.C. ™

2105 Pless Drive Brighton, Michigan 48114 Phone (810)229-7575 Fax (810)229-8650 E-mail bai-brighton@sbcglobal.net

June 10, 2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

Subject: Highland Park Water Dept.
1039-19-9094B

Dear Mr. Witkowski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/05/2019 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of $20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 58923 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.

EGLE Environment, Great Lakes, and Energy

NELAP RECOGNIZED TNI ACCREDITATION BODY

Certified WBENC Women's Business Enterprise

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/04/2019 12:10
Submit Date/Time: 06/05/2019 16:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58923**
BA Sample ID **CK03270**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **92 Florence/1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	80	ug/L	20	1300	EPA 200.8 rev5.4	18:00	06/07/2019
Total Lead (Drinking Water)	9	ug/L	1	15	EPA 200.8 rev5.4	18:00	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/04/2019 12:10
Submit Date/Time: 06/05/2019 16:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58923**
BA Sample ID **CK03271**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **92 Florence/5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:03	06/07/2019
Total Lead (Drinking Water)	20	ug/L	1	15	EPA 200.8 rev5.4	18:03	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/04/2019 11:10
Submit Date/Time: 06/05/2019 16:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

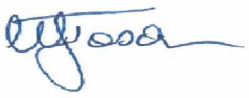
BA Project # **58923**
BA Sample ID **CK03272**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **160 W. Buena Vista/1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	50	ug/L	20	1300	EPA 200.8 rev5.4	18:06	06/07/2019
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	18:06	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/04/2019 11:10
Submit Date/Time: 06/05/2019 16:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58923**
BA Sample ID **CK03273**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **160 W. Buena Vista/5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:09	06/07/2019
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	18:09	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/05/2019 09:05
Submit Date/Time: 06/05/2019 16:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58923**
BA Sample ID **CK03274**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **269 Grove 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:12	06/07/2019
Total Lead (Drinking Water)	5	ug/L	1	15	EPA 200.8 rev5.4	18:12	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/05/2019 09:05
Submit Date/Time: 06/05/2019 16:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

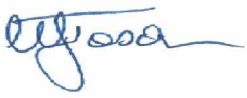
BA Project # **58923**
BA Sample ID **CK03275**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **269 Grove 5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:15	06/07/2019
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:15	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/05/2019 10:05
Submit Date/Time: 06/05/2019 16:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58923**
BA Sample ID **CK03276**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **110 Avalon 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	440	ug/L	20	1300	EPA 200.8 rev5.4	18:18	06/07/2019
Total Lead (Drinking Water)	200	ug/L	1	15	EPA 200.8 rev5.4	18:18	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/05/2019 10:05
Submit Date/Time: 06/05/2019 16:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58923**
BA Sample ID **CK03277**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **110 Avalon 5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:21	06/07/2019
Total Lead (Drinking Water)	6	ug/L	1	15	EPA 200.8 rev5.4	18:21	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/05/2019 11:10
Submit Date/Time: 06/05/2019 16:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58923**
BA Sample ID **CK03278**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **234 Waverly 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	60	ug/L	20	1300	EPA 200.8 rev5.4	18:24	06/07/2019
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	18:24	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/05/2019 11:10
Submit Date/Time: 06/05/2019 16:00
Report Date: 06/10/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58923**
BA Sample ID **CK03279**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **234 Waverly 5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:33	06/07/2019
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	18:33	06/07/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/10/2019

Brighton Analytical, L.L.C.™

Email: bai-brighton@sbcglobal.net

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 58923

PAGE 1 OF 1

PROJECT NAME: Highland Park Water Dept.

PROJECT #: 1039-19-9094B

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: Aaron Watts

REQUESTED TURNAROUND: (circle one)
Rush: 1 -3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H_2O
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

Analysis Requested/Method

Sample Matrix: Lead + Copper

Container Type & Quantity

Brighton ID #	Sample Description	Date	Time	VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	HDPE NAOH	AMBER PRESERVED?	GLASS, NO PRESERVATIVE	STERILIZED BACTERIA	MEOH Preserved Y N	Sample Matrix
1) 3270	92 FLORENCE / 1st DRAW	6/4/19	12:10P			1							DW
2) 71	92 FLORENCE / 5TH DRAW	6/4/19	12:10P										DW
3) 72	160 W. Buena Vista / 1st DRAW	6/4/19	11:10A										DW
4) 73	160 W. Buena Vista / 5th Draw	6/4/19	11:10A										DW
5) 74	269 Grove 1st Draw	6/5/19	9:05A										DW
6) 75	269 Grove 5th Draw	6/5/19	9:05A										DW
7) 76	110 Avalon 1st Draw	6/5/19	10:05A										DW
8) 77	110 Avalon 5th Draw	6/5/19	10:05A										DW
9) 78	234 Waverly 1st Draw	11:10A	6/5/19										DW
10) 79	234 Waverly 5th Draw	11:10A	6/5/19										DW

Special Instructions: 10- 1L poly's

COMPANY/MAILING ADDRESS:
Metro Consulting Associates
1400 Woodward Ave
Highland Park MI 48203
ATTN: Ken Witkowski
PHONE: (313) 288-8507
FAX OR EMAIL: KWitkowski3@metroemail.net

Samples received within hold time? yes ☑ no ☐
Temperature of samples °C:
pHs verified in login? yes ☑ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☑
Sample containers and COC match? yes ☑ no ☐

BILLING ADDRESS (IF REQUIRED):

Drinking H_2O:
Fax to LCHD? yes ☐ no ☑
Chlorinated Water Supply? yes ☐ no ☐
AMT.: N/A

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): _____

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1			6-5-2019	3:07	3				
2			6-5-2019	4:00	4				

Brighton Analytical L.L.C.

BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

ICP-MS
METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 6/7/2019 Standard ID: 052219 H2O Batch: 6/6/2019 W1

Matrix Spike Lab ID: CK03279 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. (%)
Copper	1095	1098	0.3	1000	109.1	109.4	4	<20	105.7	108.3
Lead	1097	1096	0.1	1000	109.4	109.3	3	<1	104.1	105.9

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 20% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

Brighton Analytical L.L.C. ™

2105 Pless Drive Brighton, Michigan 48114 Phone (810)229-7575 Fax (810)229-8650 E-mail bai-brighton@sbcglobal.net

June 12, 2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

Subject: Highland Park Water Dept.
1039-19-9094B

Dear Mr. Witkowski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/07/2019 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of $20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 58987 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/05/2019 14:30
Submit Date/Time: 06/07/2019 15:30
Report Date: 06/12/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58987**
BA Sample ID **CK03494**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **364 Geneva 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	19:50	06/11/2019
Total Lead (Drinking Water)	25	ug/L	1	15	EPA 200.8 rev5.4	19:50	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/12/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/05/2019 20:30
Submit Date/Time: 06/07/2019 15:30
Report Date: 06/12/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58987**
BA Sample ID **CK03495**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **364 Geneva 5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	20	ug/L	20	1300	EPA 200.8 rev5.4	19:55	06/11/2019
Total Lead (Drinking Water)	28	ug/L	1	15	EPA 200.8 rev5.4	19:55	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/12/2019

Brighton Analytical, L.L.C.™

Email: bai-brighton@sbcglobal.net

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 58987

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H_2O
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

PROJECT NAME: HIGHLAND PARK WATER DEPT.

PROJECT #: 1039-19-9094B

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: AARON Watts

REQUESTED TURNAROUND: (circle one)
Rush: 1 -3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____

Brighton ID #	Sample Description	Sample Coll. Date	Sample Coll. Time	Container Type & Quantity: VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	HDPE NAOH	AMBER PRESERVED?	GLASS, NO PRESERVATIVE	STERILIZED BACTERIA	MEOH Preserved Y N	Sample Matrix	Analysis Requested/Method: LEAD + COPPER
1) ~~X~~	~~237 E. GRAND / 1ST DRAW~~	~~6/6/19~~											DW	
2) ~~X~~	~~237 E. GRAND / 5TH DRAW~~	~~6/6/19~~											DW	
3) 3494	364 Geneva 1st Draw	6/5/19	2:30P			1							DW	
4) 3495	364 Geneva 5th Draw	6/15/19	8:30P	(*)		1							DW	
5)														
6)														
7)														
8)														
9)														
10)														

(*) Bottle says "6/5/19." MM 6-7-19

Special Instructions: 2-1L poly's.

COMPANY/MAILING ADDRESS:
METRO CONSULTING ASSOCIATES
1410 WOODWARD AVE.
HIGHLAND PARK, MI 48203
ATTN: KEN WITKOWSKI
PHONE: 313-288-8507
FAX OR EMAIL: KWITKOWSKI3@METROCA.NET

Samples received within hold time? yes ☑ no ☐
Temperature of samples °C:
pHs verified in login? yes ☑ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☑
Sample containers and COC match? yes ☐ no ☐

BILLING ADDRESS (IF REQUIRED):

Drinking H_2O:
Fax to LCHD? yes ☐ no ☑
Chlorinated Water Supply? yes ☐ no ☐
AMT.: NA

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): _____

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1	[signature]	[signature] 6.7.19		1530	3				
2					4				

Brighton Analytical L.L.C.

BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

ICP-MS
METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 06/11/2019 Standard ID: 052219 H2O Batch: 6/10/2019 W3

Matrix Spike Lab ID: CK03493 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/kg)	Matrix Spike Dup (ug/kg)	RPD (%)	Spk Conc (ug/kg)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/kg)	Method Blk (ug/kg)	LCS-Method STD (%)	Ind. Std (%)
Copper	1040	1019	2.0	1000	103.2	101.1	8	<20	105.8	105.4
Lead	1026	986	4.0	1000	102.6	98.6	0	<1	101.6	97.5

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 20% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

Brighton Analytical L.L.C. ™

2105 Pless Drive Brighton, Michigan 48114 Phone (810)229-7575 Fax (810)229-8650 E-mail bai-brighton@sbcglobal.net

June 12, 2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

Subject: Highland Park Water Dept.
1039-19-9094B

Dear Mr. Witkowski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/07/2019 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of $20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 58986 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time:	06/06/2019	09:30
Submit Date/Time:	06/07/2019	15:30
Report Date:	06/12/2019	

Metro Consulting
14110 Woodward
Highland Park, MI 48203

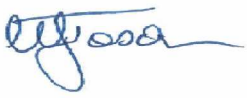
BA Project # **58986**
BA Sample ID **CK03488**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **108 Pilgrim/1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:54	06/11/2019
Total Lead (Drinking Water)	11	ug/L	1	15	EPA 200.8 rev5.4	18:54	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 6/12/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/06/2019 09:10
Submit Date/Time: 06/07/2019 15:30
Report Date: 06/12/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58986**
BA Sample ID **CK03489**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **307 Grove/1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	30	ug/L	20	1300	EPA 200.8 rev5.4	18:59	06/11/2019
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:59	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/12/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/06/2019 09:30
Submit Date/Time: 06/07/2019 15:30
Report Date: 06/12/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58986**
BA Sample ID **CK03490**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **108 Pilgrim/5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	19:17	06/11/2019
Total Lead (Drinking Water)	5	ug/L	1	15	EPA 200.8 rev5.4	19:17	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/12/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/06/2019 09:10
Submit Date/Time: 06/07/2019 15:30
Report Date: 06/12/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58986**
BA Sample ID **CK03491**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **307 Grove/5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	19:22	06/11/2019
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	19:22	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/12/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/06/2019 08:30
Submit Date/Time: 06/07/2019 15:30
Report Date: 06/12/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58986**
BA Sample ID **CK03492**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **142 Waverly/1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	19:27	06/11/2019
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:27	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/12/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/06/2019 08:30
Submit Date/Time: 06/07/2019 15:30
Report Date: 06/12/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

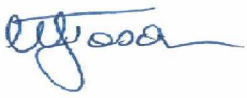
BA Project # **58986**
BA Sample ID **CK03493**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **142 Waverly/5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	19:32	06/11/2019
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	19:32	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 6/12/2019

Brighton Analytical, L.L.C.™

Email: bai-brighton@sbcglobal.net

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 58986

PROJECT NAME: HIGHLAND PARK WATER DEPT.

PROJECT #: 1039-19-9094B

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: AARON WATTS

REQUESTED TURNAROUND: (circle one)
Rush: 1 -3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H_2O
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

Analysis Requested/Method

Brighton ID #	Sample Description	Sample Coll. Date	Sample Coll. Time	Container Type & Quantity: VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	HDPE NAOH	AMBER PRESERVED?	GLASS, NO PRESERVATIVE	STERILIZED BACTERIA	MEOH Preserved Y N	Sample Matrix	LEAD + COPPER
1)	~~52 W. BUENA VISTA / 1ST DRAW~~	~~6/6/19~~											DW	
2) 3488	108 PILGRIM / 1ST DRAW	6/6/19	9:30A			1							DW	
3) 3489	307 GROVE / 1ST DRAW	6/6/19	9:10A			1							DW	
4)	~~210 CALIFORNIA / 1ST DRAW~~	~~6/6/19~~											DW	
5)	~~52 W. BUENA VISTA / 5TH DRAW~~	~~6/6/19~~											DW	
6) 3490	108 PILGRIM / 5TH DRAW	6/6/19	9:30A			1							DW	
7) 3491	307 GROVE / 5TH DRAW	6/6/19	9:10A			1							DW	
8)	~~210 CALIFORNIA / 5TH DRAW~~	~~6/6/19~~											DW	
9) 3492	142 WAVERLY / 1ST DRAW	6/6/19	8:30A			1							DW	
10) 3493	142 WAVERLY / 5TH DRAW	6/6/19	8:30A			1							DW	

Special Instructions: 6-1L poly's

PAGE ___ OF ___

COMPANY/MAILING ADDRESS:
METRO CONSULTING ASSOCIATES
14110 WOODWARD AVE.
HIGHLAND PARK, MI 48203
ATTN: KEN WITKOWSKI
PHONE: 313-238-8507
FAX OR EMAIL: KWITKOWSKI3@METROCA.NET

Samples received within hold time? yes ☑ no ☐
Temperature of samples °C:
pHs verified in login? yes ☐ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☐
Sample containers and COC match? yes ☑ no ☐

BILLING ADDRESS (IF REQUIRED):

Drinking H_2O:
Fax to LCHD? yes ☐ no ☑
Chlorinated Water Supply? yes ☐ no ☐
AMT.: N/A

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): _____

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1			6-7-19	15:30	3				
2					4				

Brighton Analytical L.L.C.

BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

ICP-MS
METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 06/11/2019 Standard ID: 052219 H2O Batch: 6/10/2019 W3

Matrix Spike Lab ID: CK03493 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/kg)	Matrix Spike Dup (ug/kg)	RPD (%)	Spk Conc (ug/kg)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/kg)	Method Blk (ug/kg)	LCS-Method STD (%)	Ind. Std (%)
Copper	1040	1019	2.0	1000	103.2	101.1	8	<20	105.8	105.4
Lead	1026	986	4.0	1000	102.6	98.6	0	<1	101.6	97.5

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 20% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

Brighton Analytical L.L.C. ™

2105 Pless Drive Brighton, Michigan 48114 Phone (810)229-7575 Fax (810)229-8650 E-mail bai-brighton@sbcglobal.net

June 12, 2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

Subject: Highland Park Water Dept.
1039-19-9094B

Dear Mr. Witkowski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/07/2019 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of $20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 58985 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/07/2019 10:10
Submit Date/Time: 06/07/2019 15:30
Report Date: 06/12/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58985**
BA Sample ID **CK03484**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **25 Moss/1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:35	06/11/2019
Total Lead (Drinking Water)	7	ug/L	1	15	EPA 200.8 rev5.4	18:35	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/12/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/07/2019 10:10
Submit Date/Time: 06/07/2019 15:30
Report Date: 06/12/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58985**
BA Sample ID **CK03485**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **25 Moss/5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:40	06/11/2019
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	18:40	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/12/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/07/2019 10:30
Submit Date/Time: 06/07/2019 15:30
Report Date: 06/12/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58985**
BA Sample ID **CK03486**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **40 Pilgrim/1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:44	06/11/2019
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	18:44	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/12/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/07/2019 10:30
Submit Date/Time: 06/07/2019 15:30
Report Date: 06/12/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **58985**
BA Sample ID **CK03487**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **40 Pilgrim/5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:49	06/11/2019
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	18:49	06/11/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/12/2019

Brighton Analytical, L.L.C.™

Email: bai-brighton@sbcglobal.net

2105 Pless Drive — Phone: 810-229-7575

Brighton, MI 48114 — Fax: 810-229-8650

BA PROJECT #: 58985

PAGE ___ OF ___

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H_2O
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

PROJECT NAME: HIGHLAND PARK WATER DEPT

PROJECT #: 1039-19-9094B

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: AARON WATTS

REQUESTED TURNAROUND: (circle one)
Rush: 1 -3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____

Sample Coll.

Brighton ID #	Sample Description	Date	Time	VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	HDPE NAOH	AMBER PRESERVED?	GLASS, NO PRESERVATIVE	STERILIZED BACTERIA	MEOH Preserved Y N	Sample Matrix	Analysis Requested/Method: LEAD + COPPER
1)	~~187 PASADENA / 1ST DRAW~~	6/7/19											DW	
2)	~~187 PASADENA / 5TH DRAW~~	6/7/19											DW	
3)	~~44 MOSS / 1ST DRAW~~	6/7/19	8:30A										DW	
4)	~~44 MOSS / 5TH DRAW~~	6/7/19	8:30A										DW	
5) 53484	25 MOSS / 1ST DRAW	6/7/19	10:10A			1							DW	
6) 85	25 MOSS / 1ST DRAW ⊗	6/7/19	10:10A			1							DW	⊗ SAMPLE SAYS "5TH DRAW" KMC 6-7-19
7) 86	40 PILGRIM / 1ST DRAW	6/7/19	10:30A			1							DW	
8) 87	40 PILGRIM / 5TH DRAW	6/7/19	10:30A			1							DW	
9)														
10)														

Container Type & Quantity

CNO

Special Instructions: 4-1L Poly.

COMPANY/MAILING ADDRESS:
METRO CONSULTING ASSOCIATES
14110 WOODWARD AVE.
HIGHLAND PARK, MI 48203
ATTN: KEN WITKOWSKI
PHONE: 313-733-8507
FAX OR EMAIL: KWITKOWSKI3@METROCA.NET

Samples received within hold time? yes ☑ no ☐

Temperature of samples °C:

pHs verified in logir? yes ☑ no ☐

Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☑

Sample containers and COC match? yes ☑ no ☐

BILLING ADDRESS (IF REQUIRED):

Drinking H_2O:
Fax to LCHD? yes ☐ no ☑
Chlorinated Water Supply? yes ☐ no ☐
AMT.: NA

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): _____

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1			6-7-19	1530	3				
2					4				

Brighton Analytical L.L.C.

BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

ICP-MS
METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 06/11/2019 Standard ID: 052219 H2O Batch: 6/10/2019 W3

Matrix Spike Lab ID: CK03493 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/kg)	Matrix Spike Dup (ug/kg)	RPD (%)	Spk Conc (ug/kg)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/kg)	Method Blk (ug/kg)	LCS-Method STD (%)	Ind. Std (%)
Copper	1040	1019	2.0	1000	103.2	101.1	8	<20	105.8	105.4
Lead	1026	986	4.0	1000	102.6	98.6	0	<1	101.6	97.5

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 20% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

Brighton Analytical L.L.C. ™

2105 Pless Drive Brighton, Michigan 48114 Phone (810)229-7575 Fax (810)229-8650 E-mail bai-brighton@sbcglobal.net

June 21, 2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

Subject: Highland Park Water Dept.
1039-19-9094B

Dear Mr. Witkowski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/14/2019 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of $20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 59147 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date: 06/10/2019
Submit Date: 06/14/2019
Report Date: 06/21/2019

To:
Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Report Number: **59147**
BA Sample ID: **CK03960**
Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **50 Moss 1st Draw**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
Drinking Water Metal Analysis						
Total Copper (Drinking Water)	**30**	ug/L	20	EPA 200.8 rev5.4	LT	06/20/2019
Total Lead (Drinking Water)	**3**	ug/L	1	EPA 200.8 rev5.4	LT	06/20/2019

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by 

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date: 06/10/2019
Submit Date: 06/14/2019
Report Date: 06/21/2019

To:
Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Report Number: **59147**
BA Sample ID: **CK03961**
Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **50 Moss 5th Draw**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
Drinking Water Metal Analysis						
Total Copper (Drinking Water)	**Not detected**	ug/L	20	EPA 200.8 rev5.4	LT	06/20/2019
Total Lead (Drinking Water)	**4**	ug/L	1	EPA 200.8 rev5.4	LT	06/20/2019

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date: 06/10/2019
Submit Date: 06/14/2019
Report Date: 06/21/2019

To:
Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Report Number: **59147**
BA Sample ID: **CK03962**
Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **375 Florence 1st Draw**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
Drinking Water Metal Analysis						
Total Copper (Drinking Water)	**80**	ug/L	20	EPA 200.8 rev5.4	LT	06/20/2019
Total Lead (Drinking Water)	**Not detected**	ug/L	1	EPA 200.8 rev5.4	LT	06/20/2019

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date: 06/10/2019
Submit Date: 06/14/2019
Report Date: 06/21/2019

To:
Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Report Number: **59147**
BA Sample ID: **CK03963**
Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **375 Florence 5th Draw**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
Drinking Water Metal Analysis						
Total Copper (Drinking Water)	**30**	ug/L	20	EPA 200.8 rev5.4	LT	06/20/2019
Total Lead (Drinking Water)	**Not detected**	ug/L	1	EPA 200.8 rev5.4	LT	06/20/2019

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date: 06/10/2019
Submit Date: 06/14/2019
Report Date: 06/21/2019

To:
Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Report Number: **59147**
BA Sample ID: **CK03964**
Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **123 Kendall 1st Draw**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
Drinking Water Metal Analysis						
Total Copper (Drinking Water)	**30**	ug/L	20	EPA 200.8 rev5.4	LT	06/20/2019
Total Lead (Drinking Water)	**Not detected**	ug/L	1	EPA 200.8 rev5.4	LT	06/20/2019

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date: 06/10/2019
Submit Date: 06/14/2019
Report Date: 06/21/2019

To:
Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Report Number: **59147**
BA Sample ID: **CK03965**
Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **123 Kendall 5th Draw**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
Drinking Water Metal Analysis						
Total Copper (Drinking Water)	**Not detected**	ug/L	20	EPA 200.8 rev5.4	LT	06/20/2019
Total Lead (Drinking Water)	**2**	ug/L	1	EPA 200.8 rev5.4	LT	06/20/2019

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date: 06/14/2019
Submit Date: 06/14/2019
Report Date: 06/21/2019

To:
Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Report Number: **59147**
BA Sample ID: **CK03966**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **160 Farrand Park 1st Draw**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
Drinking Water Metal Analysis						
Total Copper (Drinking Water)	**100**	ug/L	20	EPA 200.8 rev5.4	LT	06/20/2019
Total Lead (Drinking Water)	**5**	ug/L	1	EPA 200.8 rev5.4	LT	06/20/2019

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date: 06/14/2019
Submit Date: 06/14/2019
Report Date: 06/21/2019

To:
Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Report Number: **59147**
BA Sample ID: **CK03967**
Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **160 Farrand Park 5th Draw**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
Drinking Water Metal Analysis						
Total Copper (Drinking Water)	**30**	ug/L	20	EPA 200.8 rev5.4	LT	06/20/2019
Total Lead (Drinking Water)	**11**	ug/L	1	EPA 200.8 rev5.4	LT	06/20/2019

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date: 06/14/2019
Submit Date: 06/14/2019
Report Date: 06/21/2019

To:
Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Report Number: **59147**
BA Sample ID: **CK03968**
Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **218 Rhode Island 1st Draw**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
Drinking Water Metal Analysis						
Total Copper (Drinking Water)	**Not detected**	ug/L	20	EPA 200.8 rev5.4	LT	06/20/2019
Total Lead (Drinking Water)	**5**	ug/L	1	EPA 200.8 rev5.4	LT	06/20/2019

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date: 06/14/2019
Submit Date: 06/14/2019
Report Date: 06/21/2019

To:
Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Report Number: **59147**
BA Sample ID: **CK03969**
Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **218 Rhode Island 5th Draw**

Parameters	Result	Units	DL	Method Reference	Analyst	Analysis Date
Drinking Water Metal Analysis						
Total Copper (Drinking Water)	**Not detected**	ug/L	20	EPA 200.8 rev5.4	LT	06/20/2019
Total Lead (Drinking Water)	**5**	ug/L	1	EPA 200.8 rev5.4	LT	06/20/2019

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by

Date 6/21/2019

Brighton Analytical, L.L.C.™

Email: bai-brighton@sbcglobal.net

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 59147

PROJECT NAME: Highland Park Water Dept.

PROJECT #: 1039-19-9094 B

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: Aaron Watts

REQUESTED TURNAROUND: (circle one)
Rush: 1 -3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H_2O
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

Analysis Requested/Method

Container Type & Quantity

Brighton ID #	Sample Description		Sample Coll. Date	Sample Coll. Time	VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	HDPE NAOH	AMBER PRESERVED?	GLASS, NO PRESERVATIVE	STERILIZED BACTERIA	MEOH Preserved Y N	Sample Matrix	Lead & Copper
1) CR03960	50 Moss	1st Draw	6/10/19	8:35A			1							DW	
2) 3961	50 Moss	5th Draw	6/10/19	8:35A										DW	
3) 3962	375 Florence	1st Draw	6/10/19	9:00A										DW	
4) 3963	375 Florence	5th Draw	6/10/19	9:00A										DW	
5) 3964	123 Kendall	1st Draw	6/10/19	9:58A										DW	
6) 3965	123 Kendall	5th Draw	6/10/19	9:58A										DW	
7) 3966	160 Fairmont Park	1st Draw	6/14/19	9:00A										DW	
8) 3967	160 Fairmont Park	5th Draw	6/14	9:00A										DW	
9) 3968	218 Rhode Island	1st Draw	6/14	830A										DW	
10) 3969	218 Rhode Island	5th Draw	6/14	830A										DW	

Special Instructions: (10) 1L

PAGE ___ OF ___

COMPANY/MAILING ADDRESS:
Metro Consulting Associates
14110 Woodward Ave
Highland Park MI 48203

ATTN: Ken Witkowski

PHONE: (313) 288-8507

FAX OR EMAIL: KenWitkowski3@metroca.net

Samples received within hold time? yes ☒ no ☐

Temperature of samples °C:

pHs verified in login? yes ☒ no ☐

Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☒

Sample containers and COC match? yes ☒ no ☐

BILLING ADDRESS (IF REQUIRED):

Drinking H_2O:
Fax to LCHD? yes ☐ no ☐
Chlorinated Water Supply? yes ☐ no ☐
AMT.: _____

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): _____

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1	[signature]	D Hoffman	6/14/19	3:40	3				
2					4				

Brighton Analytical L.L.C.

BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

ICP-MS
METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 06/19/2019, 6/20/2019 Standard ID: 061219 H2O Batch: 6/19/2019 B2

Matrix Spike Lab ID: CK03920 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/kg)	Matrix Spike Dup (ug/kg)	RPD (%)	Spk Conc (ug/kg)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/kg)	Method Blk (ug/kg)	LCS-Method STD (%)	Ind. Std. (%)
Copper	1019	1068	4.7	1000	98.8	103.7	31	<20	101.6	104.2
Lead	945	963	1.9	1000	94.2	96.0	3	<1	95.2	95.9

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 20% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

Brighton Analytical L.L.C. ™

2105 Pless Drive Brighton, Michigan 48114 Phone (810)229-7575 Fax (810)229-8650 E-mail bai-brighton@sbcglobal.net

June 21, 2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

Subject: Highland Park Water Dept.
1039-19-9094B

Dear Mr. Witkowski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/14/2019 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of $20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 59148 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.

EGLE Environment, Great Lakes, and Energy
NELAP RECOGNIZED TNI ACCREDITATION BODY
Certified WBENC Women's Business Enterprise

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/11/2019 09:05
Submit Date/Time: 06/14/2019 15:40
Report Date: 06/21/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59148**
BA Sample ID **CK03970**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **322 Courtland 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	40	ug/L	20	1300	EPA 200.8 rev5.4	03:17	06/20/2019
Total Lead (Drinking Water)	29	ug/L	1	15	EPA 200.8 rev5.4	03:17	06/20/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/11/2019 09:07
Submit Date/Time: 06/14/2019 15:40
Report Date: 06/21/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59148**
BA Sample ID **CK03971**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **322 Courtland 5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	03:21	06/20/2019
Total Lead (Drinking Water)	7	ug/L	1	15	EPA 200.8 rev5.4	03:21	06/20/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/11/2019 10:12
Submit Date/Time: 06/14/2019 15:40
Report Date: 06/21/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59148**
BA Sample ID **CK03972**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **61 Eason 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	40	ug/L	20	1300	EPA 200.8 rev5.4	03:40	06/20/2019
Total Lead (Drinking Water)	120	ug/L	1	15	EPA 200.8 rev5.4	03:40	06/20/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/11/2019 10:14
Submit Date/Time: 06/14/2019 15:40
Report Date: 06/21/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59148**
BA Sample ID **CK03973**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **61 Eason 5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	20	ug/L	20	1300	EPA 200.8 rev5.4	03:45	06/20/2019
Total Lead (Drinking Water)	65	ug/L	1	15	EPA 200.8 rev5.4	03:45	06/20/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/11/2019 10:55
Submit Date/Time: 06/14/2019 15:40
Report Date: 06/21/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59148**
BA Sample ID **CK03974**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **40 California 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	03:49	06/20/2019
Total Lead (Drinking Water)	1	ug/L	1	15	EPA 200.8 rev5.4	03:49	06/20/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/11/2019 10:57
Submit Date/Time: 06/14/2019 15:40
Report Date: 06/21/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59148**
BA Sample ID **CK03975**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **40 California 5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	03:54	06/20/2019
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	03:54	06/20/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/13/2019 09:30
Submit Date/Time: 06/14/2019 15:40
Report Date: 06/21/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59148**
BA Sample ID **CK03976**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **27 Florence 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	03:59	06/20/2019
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	03:59	06/20/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/13/2019 09:30
Submit Date/Time: 06/14/2019 15:40
Report Date: 06/21/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59148**
BA Sample ID **CK03977**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **27 Florence 5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	120	ug/L	20	1300	EPA 200.8 rev5.4	04:03	06/20/2019
Total Lead (Drinking Water)	21	ug/L	1	15	EPA 200.8 rev5.4	04:03	06/20/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/13/2019 09:00
Submit Date/Time: 06/14/2019 15:40
Report Date: 06/21/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59148**
BA Sample ID **CK03978**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **245 Connecticut 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	04:08	06/20/2019
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	04:08	06/20/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/21/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/13/2019 09:00
Submit Date/Time: 06/14/2019 15:40
Report Date: 06/21/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59148**
BA Sample ID **CK03979**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **245 Connecticut 5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	30	ug/L	20	1300	EPA 200.8 rev5.4	04:13	06/20/2019
Total Lead (Drinking Water)	5	ug/L	1	15	EPA 200.8 rev5.4	04:13	06/20/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/21/2019

Brighton Analytical, L.L.C.™

Email: bai-brighton@sbcglobal.net

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 59148

PAGE 1 OF 1

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H_2O
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

PROJECT NAME: Highland Park Water Dept

PROJECT #: 1039-19-9094B

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: Derek Caldwell

REQUESTED TURNAROUND: (circle one)
Rush: 1 -3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____

Sample Coll.

Brighton ID #	Sample Description	Date	Time	VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	HDPE NAOH	AMBER PRESERVED?	GLASS, NO PRESERVATIVE	STERILIZED BACTERIA	MEOH Preserved Y N	Sample Matrix	Lead & Copper
1) CR03970	322 Courtland 1st Draw	6-11	905										DW	
2) 3971	322 Courtland 5th Draw	6-11	907										DW	
3) 3972	61 Eason 1st Draw	6-11	1012										DW	
4) 3973	61 Eason 5th Draw	6-11	1014										DW	
5) 3974	40 California 1st Draw	6-11	1055 AM										DW	
6) 3975	40 California 5th Draw	6-11	1057 AM										DW	
7) 3976	27 Florence 1st Draw	6/13	930A										DW	
8) 3977	27 Florence 5th Draw	6/13	930A										DW	
9) 3978	245 Connecticut 1st Draw	6/13	900A										DW	
10) 3979	245 Connecticut 5th Draw	6/13	900A										DW	

Special Instructions: 1L

Analysis Requested/Method

COMPANY/MAILING ADDRESS:
Metro Consulting Assoc
14110 Woodward Ave
Highland Park, Mi 48203
ATTN: K. Witkowski
PHONE: 313-288-8507
FAX OR EMAIL: kwitkowski@metroca.net

Samples received within hold time? yes ☒ no ☐
Temperature of samples °C:
pHs verified in login? yes ☒ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☒
Sample containers and COC match? yes ☒ no ☐

BILLING ADDRESS (IF REQUIRED):

Drinking H_2O:
Fax to LCHD? yes ☐ no ☐
Chlorinated Water Supply? yes ☐ no ☐
AMT.: _____

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): _____

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1	D Caldwell	D Hoffner	6/14/19	3:40	3				
2					4				

Brighton Analytical L.L.C.

BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

ICP-MS
METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 06/19/2019, 6/20/2019 Standard ID: 061219 H2O Batch: 6/19/2019 B3

Matrix Spike Lab ID: CK03979 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/kg)	Matrix Spike Dup (ug/kg)	RPD (%)	Spk Conc (ug/kg)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/kg)	Method Blk (ug/kg)	LCS-Method STD (%)	Ind. Std. (%)
Copper	1010	1037	2.6	1000	97.7	100.4	33	<20	103.0	104.2
Lead	948	958	1.0	1000	94.3	95.3	5	<1	97.3	95.9

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 20% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

Brighton Analytical L.L.C. ™

2105 Pless Drive Brighton, Michigan 48114 Phone (810)229-7575 Fax (810)229-8650 E-mail bai-brighton@sbcglobal.net

June 27, 2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

Subject: Highland Park Water
1039-19-9094

Dear Mr. Witkowski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/21/2019 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of $20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 59278 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.

EGLE Environment, Great Lakes, and Energy
NELAP RECOGNIZED TNI ACCREDITATION BODY
Certified WBENC Women's Business Enterprise

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/20/2019 08:30
Submit Date/Time: 06/21/2019 14:20
Report Date: 06/27/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59278**
BA Sample ID **CK04582**

Project Name: **Highland Park Water**
Project Number: **1039-19-9094**
Sample ID: **#1 62 Moss 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	90	ug/L	20	1300	EPA 200.8 rev5.4	18:22	06/26/2019
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:22	06/26/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/27/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/20/2019 08:30
Submit Date/Time: 06/21/2019 14:20
Report Date: 06/27/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

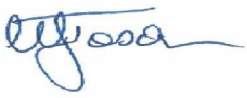
BA Project # **59278**
BA Sample ID **CK04583**

Project Name: **Highland Park Water**
Project Number: **1039-19-9094**
Sample ID: **#2 62 Moss 2nd Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:27	06/26/2019
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	18:27	06/26/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 6/27/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/21/2019 09:30
Submit Date/Time: 06/21/2019 14:20
Report Date: 06/27/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

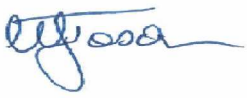
BA Project # **59278**
BA Sample ID **CK04584**

Project Name: **Highland Park Water**
Project Number: **1039-19-9094**
Sample ID: **237 Colorado 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	18:31	06/26/2019
Total Lead (Drinking Water)	2	ug/L	1	15	EPA 200.8 rev5.4	18:31	06/26/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 6/27/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/21/2019 09:30
Submit Date/Time: 06/21/2019 14:20
Report Date: 06/27/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59278**
BA Sample ID **CK04585**

Project Name: **Highland Park Water**
Project Number: **1039-19-9094**
Sample ID: **237 Colorado 5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	19:18	06/26/2019
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	19:18	06/26/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/27/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/21/2019 11:00
Submit Date/Time: 06/21/2019 14:20
Report Date: 06/27/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59278**
BA Sample ID **CK04586**

Project Name: **Highland Park Water**
Project Number: **1039-19-9094**
Sample ID: **187 Pasadena 1st Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	19:23	06/26/2019
Total Lead (Drinking Water)	8	ug/L	1	15	EPA 200.8 rev5.4	19:23	06/26/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/27/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/21/2019 11:00
Submit Date/Time: 06/21/2019 14:20
Report Date: 06/27/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59278**
BA Sample ID **CK04587**

Project Name: **Highland Park Water**
Project Number: **1039-19-9094**
Sample ID: **187 Pasadena 5th Draw**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	19:27	06/26/2019
Total Lead (Drinking Water)	6	ug/L	1	15	EPA 200.8 rev5.4	19:27	06/26/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 6/27/2019

Brighton Analytical, L.L.C.™

Email: bai-brighton@sbcglobal.net

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 59278

PAGE 1 OF 1

PROJECT NAME: Highland Park Water

PROJECT #: 1039-19-9094

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: Ryan Lake

REQUESTED TURNAROUND: (circle one)
Rush: 1 -3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H_2O
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

Analysis Requested/Method

Brighton ID #	Sample Description	Sample Coll. Date	Sample Coll. Time	Container Type & Quantity: VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	HDPE NAOH	AMBER PRESERVED?	GLASS, NO PRESERVATIVE	STERILIZED BACTERIA	MEOH Preserved Y N	Sample Matrix	Lead & Copper	CKD	
1) #1	62 Moss 1st Draw	6/20	8:30 AM			1								X		4582
2) #2	62 Moss 2nd Draw	6/20	8:30 AM			1								X		83
3)	237 Colorado 1st	6/21	9:30A			1								DW		84
4)	237 Colorado 5th	6/21	9:30A			1								DW		85
5)	187 Pasadena 1st	6/21	11:00A			1								DW		86
6)	187 Pasadena 5th	6/21	11:00A			1								DW		87
7)																
8)																
9)																
10)																

COMPANY/MAILING ADDRESS:
MetroConsulting Assoc
14110 Woodward
Highland Park, MI 48203
ATTN: KWitkowski3@Metroca.net
PHONE: 313-288-8507
FAX OR EMAIL:

Samples received within hold time? yes ☑ no ☐
Temperature of samples °C:
pHs verified in login? yes ☑ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☑
Sample containers and COC match? yes ☑ no ☐

BILLING ADDRESS (IF REQUIRED):

Drinking H_2O:
Fax to LCHD? yes ☐ no ☑
Chlorinated Water Supply? yes ☐ no ☐
AMT.: NA

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): _____

Special Instructions:
6-1L polys

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1	[signature]	[signature]	6.21.19	1420	3				
2					4				

Brighton Analytical L.L.C.

BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

ICP-MS
EPA METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 06/26/2019 Standard ID: 061219 H2O Batch: 6/26/2019 W2

Matrix Spike Lab ID: CK04664 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std SPEX 18-3 (%)
Sodium	75976	73405	3.4	10000	76.6	50.9	68319	<1000	95.1	97.5
Aluminum	991	955	3.7	1000	98.5	94.9	6	<50	95.9	100.7
Vanadium	1014	992	2.2	1000	101.4	99.2	0	<1	96.9	99.8
Chromium	1012	984	2.8	1000	101.2	98.4	0	<1	97.4	100.7
Manganese	984	958	2.7	1000	98.4	95.8	0	<5	95.9	99.9
Iron	10111	9865	2.5	10000	101.1	98.7	0	<20	97.5	99.4
Cobalt	1061	1025	3.5	1000	106.1	102.5	0	<10	101.1	100.7
Nickel	1023	996	2.7	1000	102.3	99.6	0	<1	98.0	103.2
Copper	1077	1051	2.4	1000	103.8	101.2	39	<1	99.1	105.2
Zinc	1042	1011	3.0	1000	102.6	99.5	16	<10	97.7	101.9
Arsenic	942	912	3.2	1000	94.2	91.2	0	<1	92.4	97.0
Selenium	959	942	1.8	1000	95.9	94.2	0	<1	95.3	99.2
Molybdenum	962	938	2.5	1000	95.7	93.3	5	<10	93.4	98.0
Silver	9.37	9.33	0.4	10	93.7	93.3	0	<0.2	94.8	99.7
Cadmium	944	935	1.0	1000	94.4	93.5	0	<0.2	93.2	95.7
Barium	955	934	2.2	1000	95.4	93.3	1	<5	94.9	97.7
Lead	976	971	0.5	1000	97.6	97.1	0	<1	96.3	98.0

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 30% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

ICP-MS
EPA METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 06/26/2019 Standard ID: 061219 H2O Batch: 6/26/2019 W1

Matrix Spike Lab ID: CK04572 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std SPEX 18-3 (%)
Beryllium	948	1005	5.8	1000	94.8	100.5	0	<1	98.0	98.0
Magnesium	9811	10026	2.2	10000	96.1	98.2	204	<100	99.5	98.1
Calcium	10194	10373	1.7	10000	100.1	101.9	181	<100	100.9	98.3
Chromium	969	999	3.0	1000	96.9	99.9	0	<1	99.7	100.7
Manganese	941	970	3.0	1000	94.1	97.0	0	<5	98.1	99.9
Iron	10018	10201	1.8	10000	97.9	99.7	232	<20	100.0	99.4
Nickel	972	1006	3.4	1000	97.2	100.6	0	<1	100.1	103.2
Copper	1005	1033	2.7	1000	100.2	103.0	3	<1	101.3	105.2
Zinc	973	993	2.0	1000	96.6	98.6	7	<10	98.8	101.9
Arsenic	918	951	3.5	1000	91.8	95.1	0	<1	96.4	97.0
Selenium	965	980	1.5	1000	96.5	98.0	0	<1	97.8	99.2
Silver	9.43	9.73	3.1	10	94.3	97.3	0	<0.2	98.6	99.7
Cadmium	939	961	2.3	1000	93.9	96.1	0	<0.2	97.0	95.7
Antimony	886	939	5.8	1000	88.6	93.9	0	<1	88.9	100.4
Thallium	952	979	2.8	1000	95.2	97.9	0	<0.5	99.8	103.5
Lead	953	992	4.0	1000	95.3	99.2	0	<1	97.6	98.0

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 30% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

Brighton Analytical L.L.C. ™

2105 Pless Drive Brighton, Michigan 48114 Phone (810)229-7575 Fax (810)229-8650 E-mail bai-brighton@sbcglobal.net

July 05, 2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

Subject: Highland Park Water Dept.
1039-19-9094B

Dear Mr. Witkowski :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 06/28/2019 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of $20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 59451 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.

EGLE Environment, Great Lakes, and Energy

NELAP RECOGNIZED TNI ACCREDITATION BODY

Certified WBENC Women's Business Enterprise

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/24/2019 09:00
Submit Date/Time: 06/28/2019 15:00
Report Date: 07/05/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59451**
BA Sample ID **CK05075**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **69 Winona 1st**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	13:25	07/05/2019
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	13:25	07/05/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 7/5/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/24/2019 09:00
Submit Date/Time: 06/28/2019 15:00
Report Date: 07/05/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

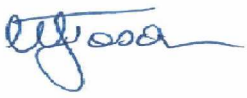
BA Project # **59451**
BA Sample ID **CK05076**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **69 Winona 5th**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	13:34	07/05/2019
Total Lead (Drinking Water)	3	ug/L	1	15	EPA 200.8 rev5.4	13:34	07/05/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 7/5/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/24/2019 08:35
Submit Date/Time: 06/28/2019 15:00
Report Date: 07/05/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

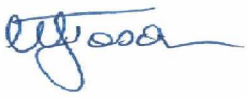
BA Project # **59451**
BA Sample ID **CK05077**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **15 Tennyson 1st**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	13:37	07/05/2019
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	13:37	07/05/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 7/5/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/24/2019 08:35
Submit Date/Time: 06/28/2019 15:00
Report Date: 07/05/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59451**
BA Sample ID **CK05078**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **15 Tennyson 5th**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	13:40	07/05/2019
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	13:40	07/05/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 7/5/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/26/2019 08:40
Submit Date/Time: 06/28/2019 15:00
Report Date: 07/05/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59451**
BA Sample ID **CK05079**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **94 Moss 1st**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	13:43	07/05/2019
Total Lead (Drinking Water)	5	ug/L	1	15	EPA 200.8 rev5.4	13:43	07/05/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 7/5/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/26/2019 08:40
Submit Date/Time: 06/28/2019 15:00
Report Date: 07/05/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

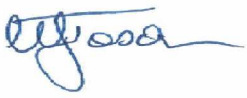
BA Project # **59451**
BA Sample ID **CK05080**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **94 Moss 5th**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	13:46	07/05/2019
Total Lead (Drinking Water)	6	ug/L	1	15	EPA 200.8 rev5.4	13:46	07/05/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 7/5/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/26/2019 12:25
Submit Date/Time: 06/28/2019 15:00
Report Date: 07/05/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59451**
BA Sample ID **CK05081**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **344 Moss 1st**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	150	ug/L	20	1300	EPA 200.8 rev5.4	13:49	07/05/2019
Total Lead (Drinking Water)	620	ug/L	1	15	EPA 200.8 rev5.4	13:49	07/05/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 7/5/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/26/2019 12:25
Submit Date/Time: 06/28/2019 15:00
Report Date: 07/05/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59451**
BA Sample ID **CK05082**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **344 Moss 5th**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	30	ug/L	20	1300	EPA 200.8 rev5.4	13:52	07/05/2019
Total Lead (Drinking Water)	56	ug/L	1	15	EPA 200.8 rev5.4	13:52	07/05/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 7/5/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/26/2019 12:30
Submit Date/Time: 06/28/2019 15:00
Report Date: 07/05/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59451**
BA Sample ID **CK05083**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **348 Moss 1st**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	30	ug/L	20	1300	EPA 200.8 rev5.4	13:55	07/05/2019
Total Lead (Drinking Water)	6	ug/L	1	15	EPA 200.8 rev5.4	13:55	07/05/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 7/5/2019

Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail:bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 06/26/2019 12:30
Submit Date/Time: 06/28/2019 15:00
Report Date: 07/05/2019

Metro Consulting
14110 Woodward
Highland Park, MI 48203

BA Project # **59451**
BA Sample ID **CK05084**

Project Name: **Highland Park Water Dept.**
Project Number: **1039-19-9094B**
Sample ID: **348 Moss 5th**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	Not detected	ug/L	20	1300	EPA 200.8 rev5.4	13:58	07/05/2019
Total Lead (Drinking Water)	16	ug/L	1	15	EPA 200.8 rev5.4	13:58	07/05/2019

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.
Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date 7/5/2019

Brighton Analytical, L.L.C.™

Email: bai-brighton@sbcglobal.net

2105 Pless Drive
Brighton, MI 48114

Phone: 810-229-7575
Fax: 810-229-8650

BA PROJECT #: 59451

PAGE 1 OF 1

PROJECT NAME: Highland Park Water Dept.

PROJECT #: 1039-19-9094 B

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

Sample collected by: Aaron Watts

REQUESTED TURNAROUND: (circle one)
Rush: 1 -3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH, approved by: _____

ABBREVIATIONS FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H_2O
O = Oil
P = Wipe
A = Air (Tedlar Bag)
F = Filter
T = Tube
M = Misc.

Analysis Requested/Method

Brighton ID #	Sample Description	Sample Coll. Date	Sample Coll. Time	Container Type & Quantity: VOA'S (PRES) Y N N/A	HDPE UNPRESERVED	HDPE HNO_3	HDPE H_2SO_4	HDPE NAOH	AMBER PRESERVED?	GLASS, NO PRESERVATIVE	STERILIZED BACTERIA	MEOH Preserved Y N	Sample Matrix	Lead & Copper
1) 5075	69 Winona 1st	6/24	9A										DW	
2) 76	69 Winona 5th	6/24	9A										DW	
3) 77	15 Tennyson 1st	6/24	8:35A										DW	
4) 78	15 Tennyson 5th	6/24	8:35A										DW	
5) 79	94 Moss 1st	6/26	8:40A										DW	
6) 80	94 Moss 5th	6/26	8:40A										DW	
7) 81	344 Moss 1st ~~5th~~	6/26	12:25p										DW	
8) 82	344 Moss 5th	6/26	1225p										DW	
9) 83	348 Moss 1st	6/26	1230p										DW	
10) 84	348 Moss 5th	6/26	1230p										DW	

CK

Special Instructions:

COMPANY/MAILING ADDRESS:
Metco Consulting Associates
14110 Woodward Ave
Highland Park MI 48203
ATTN: Ken Witkowski
PHONE: (313) 288-8507
FAX OR EMAIL: Kwitkowski3@metroca.net

Samples received within hold time? yes ☑ no ☐
Temperature of samples °C:
pHs verified in login? yes ☑ no ☐
Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☑
Sample containers and COC match? yes ☑ no ☐

BILLING ADDRESS (IF REQUIRED):

Drinking H_2O:
Fax to LCHD? yes ☐ no ☐
Chlorinated Water Supply? yes ☐ no ☐
AMT.: _____

MCL Failure: yes ☐ no ☐
Client Notified (date/time/initials): _____

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1	[signature]	Laurie Reed	6/28/19	15:00	3				
2					4				

Brighton Analytical L.L.C.

BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY CONTROL

ICP-MS
METHOD 200.8/6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 7/5/2019 Standard ID: 061219 H2O Batch: 7/5/2019 W1

Matrix Spike Lab ID: CK05295 Matrix: Total Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/L)	Matrix Spike Dup (ug/L)	RPD (%)	Spk Conc (ug/L)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/L)	Method Blk (ug/L)	LCS-Method STD (%)	Ind. Std. (%)
Copper	964	953	1.1	1000	96.2	95.1	2	<20	98.4	100
Lead	938.0	929.0	1.0	1000	93.8	92.9	0	<1	93.5	94.7

* Matrix spike precision range +/- 20% RPD
** Matrix spike accuracy range +/- 20% recovery
*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI68167
Work Order: 90905409_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360	
Collection Address:	423 TROMLEY,INKSTER	Source:	Single Family Dwelling	
Collected By:	RESIDENT	Site Code:	31	
Township/Well#/Section:	//	Collector:	Other	
County:	Wayne	Date Collected:	09/27/2019	07:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/27/2019	14:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.17	mg/L	0.05	10/01/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	10/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI68168
Work Order: 90905409_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360	
Collection Address:	423 TROMLEY,INKSTER	Source:	Single Family Dwelling	
Collected By:	RESIDENT	Site Code:	31	
Township/Well#/Section:	//	Collector:	Other	
County:	Wayne	Date Collected:	09/27/2019	07:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/27/2019	14:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	10/01/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	10/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI68169
Work Order: 90905410_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	27208 YALE,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	4
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/27/2019 05:10
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/27/2019 14:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	10/01/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	10/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI68170
Work Order: 90905410_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360	
Collection Address:	27208 YALE,INKSTER	Source:	Single Family Dwelling	
Collected By:	RESIDENT	Site Code:	4	
Township/Well#/Section:	//	Collector:	Other	
County:	Wayne	Date Collected:	09/27/2019	05:10
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/27/2019	14:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	10/01/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	10/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI68171
Work Order: 90905411_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360	
Collection Address:	4524 HARRIET,INKSTER	Source:	Single Family Dwelling	
Collected By:	RESIDENT	Site Code:	6	
Township/Well#/Section:	//	Collector:	Other	
County:	Wayne	Date Collected:	09/27/2019	07:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/27/2019	14:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.08	mg/L	0.05	10/01/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	10/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI68172
Work Order: 90905411_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360	
Collection Address:	4524 HARRIET,INKSTER	Source:	Single Family Dwelling	
Collected By:	RESIDENT	Site Code:	6	
Township/Well#/Section:	//	Collector:	Other	
County:	Wayne	Date Collected:	09/27/2019	07:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/27/2019	14:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.05	mg/L	0.05	10/01/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	10/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI68173
Work Order: 90905412_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360	
Collection Address:	1049 JOHN DALY,INKSTER	Source:	Single Family Dwelling	
Collected By:	RESIDENT	Site Code:	15	
Township/Well#/Section:	//	Collector:	Other	
County:	Wayne	Date Collected:	09/26/2019	12:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/27/2019	14:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	10/01/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	10/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI68174
Work Order: 90905412_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	1049 JOHN DALY,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	15
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/26/2019 12:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/27/2019 14:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	10/01/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	10/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67212
Work Order: 90904694_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	3400 WALNUT,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	24
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/19/2019 08:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.017	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67213
Work Order: 90904694_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	3400 WALNUT,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	24
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/19/2019 08:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.011	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVENS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67214
Work Order: 90904695_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360	
Collection Address:	3044 WILLIAMS,INKSTER	Source:	Other	
Collected By:	RESIDENT	Site Code:	12	
Township/Well#/Section:	//	Collector:	Other	
County:	Wayne	Date Collected:	09/18/2019	10:59
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019	14:33
Water System:	Other	Purpose:	Other	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67215
Work Order: 90904695_02

System Name/Owner:	CITY OF INSKTER	WSSN/Pool ID:	3360
Collection Address:	3044 WILLIAMS,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	12
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/18/2019 10:57
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67216
Work Order: 90904696_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	3731 BURNS,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	16
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/17/2019 06:45
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67217
Work Order: 90904696_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	3731 BURNS,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	16
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/17/2019 07:45
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67218
Work Order: 90904697_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	3131 WILLIAMS,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	13
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 11:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67219
Work Order: 90904697_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	3131 WILLIAMS,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	13
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 11:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67220
Work Order: 90904698_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	27329 PHIPPS,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	25
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/23/2019 11:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67221
Work Order: 90904698_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	27329 PHIPPS,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	25
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/23/2019 11:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67222
Work Order: 90904699_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26911 NEW YORK,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	23
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/17/2019 17:03
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.008	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67223
Work Order: 90904699_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360	
Collection Address:	26911 NEW YORK,INKSTER	Source:	Single Family Dwelling	
Collected By:	RESIDENT	Site Code:	23	
Township/Well#/Section:	//	Collector:	Other	
County:	Wayne	Date Collected:	09/17/2019	17:03
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019	14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.064	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67224
Work Order: 90904700_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	3282 IRENE,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	10
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/20/2019 08:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67225
Work Order: 90904700_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	3282 IRENE,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	10
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/20/2019 08:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67226
Work Order: 90904701_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	3029 WILLIAMS,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	11
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 15:45
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67227
Work Order: 90904701_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	3029 WILLIAMS,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	11
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 15:45
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRICETON
INKSTER MI 48141

Sample ID: LI67228
Work Order: 90904702_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26882 N RIVER,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	27
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/18/2019 09:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRICETON
INKSTER MI 48141

Sample ID: LI67229
Work Order: 90904702_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26882 N RIVER,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	27
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/18/2019 09:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:33
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67239
Work Order: 90904713_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	1129 GRANDMONT,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	19
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/20/2019 15:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.011	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67240
Work Order: 90904713_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	1129 GRANDMONT,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	19
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/20/2019 15:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67241
Work Order: 90904714_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	622 TROMLEY,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	20
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/20/2019 08:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.012	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67242
Work Order: 90904714_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	622 TROMLEY,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	20
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/20/2019 08:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.09	mg/L	0.05	09/27/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	09/27/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67243
Work Order: 90904715_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26810 N RIVER,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	29
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/18/2019 10:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67244
Work Order: 90904715_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26810 N RIVER,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	29
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/18/2019 10:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.08	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67245
Work Order: 90904716_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26518 N RIVER,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	2
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 10:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67246
Work Order: 90904716_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26518 N RIVER,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	2
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 10:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67247
Work Order: 90904717_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26464 OAKLAND,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	28
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 08:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67248
Work Order: 90904717_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26464 OAKLAND,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	28
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 08:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67249
Work Order: 90904718_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	4021 BURNS,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	30
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/16/2019 08:03
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67250
Work Order: 90904718_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	4021 BURNS,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	30
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/16/2019 08:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67251
Work Order: 90904719_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	1097 SHADOWLAWN,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	21
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/25/2019 09:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67252
Work Order: 90904719_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	1097 SHADOWLAWN,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	21
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/25/2019 09:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67253
Work Order: 90904720_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26675 SUNNINGDALE,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	22
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/25/2019 08:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.006	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67254
Work Order: 90904720_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26675 SUNNINGDALE,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	22
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/25/2019 08:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67255
Work Order: 90904721_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26311 PRINCETON,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	26
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/25/2019 09:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67256
Work Order: 90904721_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26311 PRINCETON,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	26
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/25/2019
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67257
Work Order: 90904722_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	1033 ARLINGTON,INKSTER	Source:	Single Family Dwelling
Collected By:	JEROME BIVINS	Site Code:	17
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/19/2019 09:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67258
Work Order: 90904722_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	1033 ARLINGTON,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	17
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/19/2019 09:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.13	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67259
Work Order: 90904723_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	3247 HENRY,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	14
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/18/2019 03:22
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.021	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67260
Work Order: 90904723_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360	
Collection Address:	3247 HENRY,INKSTER	Source:	Single Family Dwelling	
Collected By:	RESIDENT	Site Code:	14	
Township/Well#/Section:	//	Collector:	Other	
County:	Wayne	Date Collected:	09/18/2019	03:22
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019	14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67261
Work Order: 90904724_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	1124 BLACKSTONE,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	18
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/19/2019 08:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67262
Work Order: 90904724_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	1124 BLACKSTONE,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	18
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/19/2019 08:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.08	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
29900 PRINCETON
INKSTER MI 48141

Sample ID: LI67263
Work Order: 90904725_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26906 N RIVER,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	3
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/20/2019 09:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.08	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: J BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67264
Work Order: 90904725_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26906 N RIVER,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	3
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/20/2019 09:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67265
Work Order: 90904726_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26235 SUNNINGDALE,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	5
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/20/2019 08:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67266
Work Order: 90904726_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26235 SUNNINGDALE,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	5
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/20/2019 08:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.14	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67267
Work Order: 90904727_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360	
Collection Address:	1085 GRANDMONT,INKSTER	Source:	Single Family Dwelling	
Collected By:	RESIDENT	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Wayne	Date Collected:	09/24/2019	15:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019	14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.008	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67268
Work Order: 90904727_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	1085 GRANDMONT,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	8
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 15:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67269
Work Order: 90904728_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26563 SUNNINGDALE,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 13:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.013	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67270
Work Order: 90904728_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26563 SUNNINGDALE,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENTS	Site Code:	7
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 13:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.006	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67271
Work Order: 90904729_01

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26300 N RIVER,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	1
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 04:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.10	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.025	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: JEROME BIVINS
26900 PRINCETON
INKSTER MI 48141

Sample ID: LI67272
Work Order: 90904729_02

System Name/Owner:	CITY OF INKSTER	WSSN/Pool ID:	3360
Collection Address:	26300 N RIVER,INKSTER	Source:	Single Family Dwelling
Collected By:	RESIDENT	Site Code:	1
Township/Well#/Section:	//	Collector:	Other
County:	Wayne	Date Collected:	09/24/2019 04:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019 14:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.42	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Wayne County Health Dept.
5454 Venoy Rd.
Wayne, MI 48184
734 727-7400

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead & Copper - April 2019

TRACE ID: T19D367-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1697 #1 (1314 Lay Blvd)	4/8/19 7:00	dvd	*4/10/19 11:25*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.80 mg/L	1.3	4/11/19 8:14	4/11/19 11:43	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/11/19 8:14	4/11/19 11:43	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D367-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1697 #2 (1314 Lay Blvd)	4/8/19 7:01	dvd	*4/10/19 11:25*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.074 mg/L	1.3	4/11/19 8:14	4/11/19 11:44	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/11/19 8:14	4/11/19 11:44	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D367-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1698 #1 (2620 Rose St.)	4/9/19 7:39	dvd	*4/10/19 11:25*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	4/11/19 8:14	4/11/19 11:46	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/11/19 8:14	4/11/19 11:46	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead & Copper - April 2019

TRACE ID: T19D367-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1698 #2 (2620 Rose St.)	4/9/19 7:40	dvd	*4/10/19 11:25*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.29 mg/L	1.3	4/11/19 8:14	4/11/19 11:47	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/11/19 8:14	4/11/19 11:47	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T190367

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By: JS
Checked By: MD
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)
Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	4/8/19	0700	LCS- 1697 #1 1314 LAY BLVD.	N	D	1			x				X	*All bottles	?
2	4/8/19	0701	LCS- 1697 #2 1314 LAY BLVD.	N	D	1			x				X	are 1 liter	↓
3	4/9/19	0739	LCS- 1698 #1 2620 ROSE ST.	N	D	1			x				X	and preserved	
4	4/9/19	0740	LCS- 1698 #2 2620 ROSE ST.	N	D	1			x				X	to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Kalamazoo's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			4-10-19	11:25	2)		4/10/19	15:38
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19D367 Date: 4/11/19 Package Description: Cooler Temperature: -1.4

Client Name: Kalamazoo Time: 9:02 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X] Hand delivered [ ] Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Name of delivery person: James Peterman

Tracking Number: [X] Not Applicable

Tracking #:

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable):

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]

Multiple bags of ice around samples? [ ]

Ice Packs/ Blue Ice : [ ]

No Coolant Present: [ ]

Ice still present upon receipt (circle one):

(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C

•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 2.0 °C (check one below)

[X] Temp Blank (Stick Thermometer)

[ ] Client Sample (IR Thermometer)

Melt Water: none °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691

[ ] Other:

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS-1695,1712,1713,1714,1717,1718

TRACE ID: T19D604-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1712 #1 (1312 Stamford Ave.)	4/18/19 7:37	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.058 mg/L	1.3	4/23/19 8:57	4/24/19 17:03	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/23/19 8:57	4/24/19 17:03	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D604-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1712 #2 (1312 Stamford Ave.)	4/18/19 7:38	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/23/19 8:57	4/24/19 17:05	jbb	EPA 200.8 Rev. 5.4
Lead	0.0021 mg/L	0.015	4/23/19 8:57	4/24/19 17:05	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D604-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1713 #1 (519 Phillips St.)	4/19/19 5:14	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.050 mg/L	1.3	4/23/19 8:57	4/24/19 17:11	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/23/19 8:57	4/24/19 17:11	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS-1695,1712,1713,1714,1717,1718

TRACE ID: T19D604-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1713 #2 (519 Phillips St.)	4/19/19 5:14	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.063 mg/L	1.3	4/23/19 8:57	4/24/19 17:13	jbb	EPA 200.8 Rev. 5.4
Lead	0.0022 mg/L	0.015	4/23/19 8:57	4/24/19 17:13	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D604-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1695 #1 (1104 Lane Blvd.)	4/19/19 6:30	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/23/19 8:57	4/24/19 17:15	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/23/19 8:57	4/24/19 17:15	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D604-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1695 #2 (1104 Lane Blvd.)	4/19/19 6:31	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/23/19 8:57	4/24/19 17:16	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/23/19 8:57	4/24/19 17:16	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS-1695,1712,1713,1714,1717,1718

TRACE ID: T19D604-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1714 #1 (728 Chicago Ave.)	4/19/19 7:07	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/23/19 8:57	4/24/19 17:18	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/23/19 8:57	4/24/19 17:18	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D604-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1714 #2 (728 Chicago Ave.)	4/19/19 7:08	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/23/19 8:57	4/24/19 17:20	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/23/19 8:57	4/24/19 17:20	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D604-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1717 #1 (526 Montrose)	4/19/19 8:08	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.17 mg/L	1.3	4/23/19 8:57	4/24/19 17:21	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/23/19 8:57	4/24/19 17:21	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS-1695,1712,1713,1714,1717,1718

TRACE ID: T19D604-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1717 #2 (526 Montrose)	4/19/19 8:09	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.089 mg/L	1.3	4/23/19 8:57	4/24/19 17:23	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/23/19 8:57	4/24/19 17:23	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D604-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1718 #1 (3003 Duke St.)	4/19/19 10:33	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.27 mg/L	1.3	4/23/19 8:57	4/24/19 17:24	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/23/19 8:57	4/24/19 17:24	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D604-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1718 #2 (3003 Duke St.)	4/19/19 10:34	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.40 mg/L	1.3	4/23/19 8:57	4/24/19 17:26	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/23/19 8:57	4/24/19 17:26	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19D604

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By: IS
Checked By: MB
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: (use addresses in client sample ID) Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	4/18/19	0737	LCS-1712 #1 1312 STAMFORD AVE	N	D	1			x				X	*All bottles	?
2	4/18/19	0733	LCS-1712 #2 1312 STAMFORD AVE	N	D	1			x				X	are 1 liter	↓
3	4/19/19	0514	LCS-1713 #1 519 PHILLIPS ST.	N	D	1			x				X	and preserved	
4	4/19/19	0514	LCS-1713 #2 519 PHILLIPS ST.	N	D	1			x				X	to pH < 2	
5	4/19/19	0630	LCS-1695 #1 1104 LANE BLVD.	N	D	1			x				X		
6	4/19/19	0631	LCS-1695 #2 1104 LANE BLVD.	N	D	1			x				X	*All samples	
7	4/19/19	0707	LCS-1714 #1 728 CHICAGO AVE.	N	D	1			x				X	are part of	
8	4/19/19	0708	LCS-1714 #2 728 CHICAGO AVE.	N	D	1			x				X	Kalamazoo's	
9	4/19/19	0808	LCS-1717 #1 526 MONTROSE.	N	D	1			x				X	lead and copper	
10	4/19/19	0809	LCS-1717 #2 526 MONTROSE.	N	D	1			x				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			4/19/19	11am	2)		4/22/19	8:25
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 2 of 2

Trace ID No. 1190664

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JS
Checked By:	MD
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	4/19/19	1033	LCS- 1718 #1 3003 DUKE ST.	N	D	1			x				X	*All bottles are 1 liter and preserved to pH < 2	?
12	4/19/19	1034	LCS- 1718 #2 3003 DUKE ST.	N	D	1			x				X		↓
			LCS- #1												
			LCS- #2												
			LCS- #1												
			LCS- #2											*All samples are part of Kalamazoo's lead and copper compliance	
			LCS- #1												
			LCS- #2												
			LCS- #1												
			LCS- #2												

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			4/19/19	11am	2)		4/22/19	8:25
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19D604 Date: 4/22/19 Package Description: Cooler Temperature: 2.8
Client Name: Kalamazoo Time: 8:25 Logged in by: SS

Cooler Receipt

Cooler/samples delivered by: Trace courier ☒ Hand delivered ☒ Name of delivery person: _____
Commercial courier ☐ UPS ☐ FED EX ☐ US Mail ☐

Tracking Number: ☒ Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? ☒ Not Applicable ☐ No ☐ Yes
Custody seals signed by Client? ☐ No ☐ Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? ☒
Multiple bags of ice around samples? ☐
Ice Packs/ Blue Ice : ☐
No Coolant Present: ☐
Ice still present upon receipt (circle one): Yes (No) N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C
Representative Sample Temperature: 4.5 °C (check one below)
☐ Temp Blank (Stick Thermometer)
☒ Client Sample (IR Thermometer)
Melt Water: 4.0 °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	☒	☐	☐	
Each sample point is in a sealed plastic bag?	☐	☐	☒	
Labels filled out completely?	☒	☐	☐	
All bottle labels agree with Chain of Custody (COC)?	☒	☐	☐	
Sufficient sample to run tests requested?	☒	☐	☐	
*pH checked and samples at correct pH?	☒	☐	☐	
Correct preservative added to samples?	☒	☐	☐	
Air bubbles absent from VOAs?	☐	☐	☒	
COC filled out properly and signed by client?	☒	☐	☐	
COC signed in by TRACE sample custodian?	☒	☐	☐	
Was project manager called and samples discussed?	☐	☐	☒	

Notes:

*EMD pH Test Strips Used:
☒ pH 0-2.5 Lot: HC862115 ☐ pH 11.0-13.0 Lot: HC600691
☐ Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 29, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS-1716 - 815 Arthur

TRACE ID: T19D725-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1716 #1 815 Arthur Ave.	4/19/19 14:04	DVD	*4/24/19 12:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/26/19 9:35	4/26/19 12:32	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/26/19 9:35	4/26/19 12:32	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D725-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1716 #2 815 Arthur Ave.	4/19/19 14:05	DVD	*4/24/19 12:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/26/19 9:35	4/26/19 12:34	jbb	EPA 200.8 Rev. 5.4
Lead	0.0015 mg/L	0.015	4/26/19 9:35	4/26/19 12:34	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. T195725

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	MB
Checked By:	
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

** Requires Prior Approval*

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	4/19/19	1404	LCS- 1716 #1 815 ARTHUR AVE.	N	D	1			x				X	*All bottles	?
2	4/19/19	1405	LCS- 1716 #2 815 ARTHUR AVE.	N	D	1			x				X	are 1 liter	↓
			LCS- #1											and preserved	
			LCS- #2											to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Kalamazoo's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
	1)		4-24-19	12:15	2)		4/24/19	17:29
	3)				4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T195725 Date: 4-24-19 Package Description: Cooler Temperature: 0.9

Client Name: Kalamazoo Time: 17:29 Logged in by: MB

Cooler Receipt

Cooler/samples delivered by: Trace courier ☑ Hand delivered ☐ Name of delivery person: _____

Commercial courier ☐ UPS ☐ FED EX ☐ US Mail ☐

Tracking Number: ☒ Not Applicable

Tracking #: _____

COC Seals present and intact on cooler? ☒ Not Applicable ☐ No ☐ Yes

Custody seals signed by Client? ☐ No ☐ Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? ☑

Multiple bags of ice around samples? ☐

Ice Packs/ Blue Ice : ☐

No Coolant Present: ☐

Ice still present upon receipt (circle one): (Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C

•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 2.1 °C (check one below)

☐ Temp Blank (Stick Thermometer)

☑ Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	☑	☐	☐	
Each sample point is in a sealed plastic bag?	☐	☐	☑	
Labels filled out completely?	☑	☐	☐	
All bottle labels agree with Chain of Custody (COC)?	☑	☐	☐	
Sufficient sample to run tests requested?	☑	☐	☐	
*pH checked and samples at correct pH?	☑	☐	☐	
Correct preservative added to samples?	☑	☐	☐	
Air bubbles absent from VOAs?	☐	☐	☑	
COC filled out properly and signed by client?	☑	☐	☐	
COC signed in by TRACE sample custodian?	☑	☐	☐	
Was project manager called and samples discussed?	☐	☐	☑	

Notes: _____

*EMD pH Test Strips Used:

☑ pH 0-2.5 Lot: HC862115 ☐ pH 11.0-13.0 Lot: HC600691

☐ Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Copper and Lead Testing

TRACE ID: T19E032-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1719 #1 1029 Campbell Ave.	4/29/19 16:10	dvd	*5/1/19 13:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.40 mg/L	1.3	5/3/19 8:31	5/8/19 10:28	rl	EPA 200.8 Rev. 5.4
Lead	0.0019 mg/L	0.015	5/3/19 8:31	5/8/19 10:28	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E032-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1719 #2 1029 Campbell Ave.	4/29/19 16:11	dvd	*5/1/19 13:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.034 mg/L	1.3	5/3/19 8:31	5/8/19 10:30	rl	EPA 200.8 Rev. 5.4
Lead	0.0025 mg/L	0.015	5/3/19 8:31	5/8/19 10:30	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E032-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1720 #1 922 Arthur Ave.	4/30/19 6:34	dvd	*5/1/19 13:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.40 mg/L	1.3	5/3/19 8:31	5/8/19 10:31	rl	EPA 200.8 Rev. 5.4
Lead	0.0049 mg/L	0.015	5/3/19 8:31	5/8/19 10:31	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Copper and Lead Testing

TRACE ID: T19E032-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1720 #2 922 Arthur Ave.	4/30/19 6:35	dvd	*5/1/19 13:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.064 mg/L	1.3	5/3/19 8:31	5/8/19 10:33	rl	EPA 200.8 Rev. 5.4
Lead	**0.025 mg/L**	**0.015**	5/3/19 8:31	5/8/19 10:33	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: T19E032-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1721 #1 1844 Alamo Ave	4/30/19 7:09	dvd	*5/1/19 13:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.075 mg/L	1.3	5/3/19 8:31	5/8/19 10:34	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/3/19 8:31	5/8/19 10:34	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E032-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1721 #2 1844 Alamo Ave	4/30/19 7:10	dvd	*5/1/19 13:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/3/19 8:31	5/8/19 10:36	rl	EPA 200.8 Rev. 5.4
Lead	0.0063 mg/L	0.015	5/3/19 8:31	5/8/19 10:36	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Copper and Lead Testing

TRACE ID: T19E032-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1722 #1 1623 Krom St	4/30/19 7:40	dvd	*5/1/19 13:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.082 mg/L	1.3	5/3/19 8:31	5/8/19 10:42	rl	EPA 200.8 Rev. 5.4
Lead	0.0014 mg/L	0.015	5/3/19 8:31	5/8/19 10:42	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E032-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1722 #2 1623 Krom St	4/30/19 7:41	dvd	*5/1/19 13:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.098 mg/L	1.3	5/3/19 8:31	5/8/19 10:44	rl	EPA 200.8 Rev. 5.4
Lead	0.0077 mg/L	0.015	5/3/19 8:31	5/8/19 10:44	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone | 888-979-4469 Fax | www.trace-labs.com
Trace Analytical Laboratories, Inc. | 2241 Black Creek Road | Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of _____

Trace ID No. T19E032

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JHOB
Checked By:	TB
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

** Requires Prior Approval*

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Analysis Requested

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Lead and copper	Remarks	Possible Health Hazards?
1	4/29/19	1610	LCS-1719 #1 1029 CAMPBELL AVE	N	D	1			X				X	*All bottles	?
2	4/29/19	1611	LCS-1719 #2 1029 CAMPBELL AVE.	N	D	1			X				X	are 1 liter	↓
3	4/30/19	0634	LCS-1720 #1 922 ARTHUR AVE.	N	D	1			X				X	and preserved	
4	4/30/19	0635	LCS-1720 #2 922 ARTHUR AVE.	N	D	1			X				X	to pH < 2	
5	4/30/19	0709	LCS-1721 #1 1844 ALAMO AVE.	N	D	1			X				X		
6	4/30/19	0710	LCS-1721 #2 1844 ALAMO AVE.	N	D	1			X				X	*All samples	
7	4/30/19	0740	LCS-1722 #1 1623 KROM ST.	N	D	1			X				X	are part of	
8	4/30/19	0741	LCS-1722 #2 1623 KROM ST.	N	D	1			X				X	Kalamazoo's	
			LCS- #1 .											lead and copper	
			LCS- #2 .											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			5/1/19	13:22	2)		5/1/19	1703
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E032 Date: 5-1-19 Package Description: Cooler Temperature: -0.9

Client Name: ~ Time: _____ Logged in by: AM

Cooler Receipt

Cooler/samples delivered by: Trace courier ☑ Hand delivered ☐ Name of delivery person: _____

Commercial courier ☐ UPS ☐ FED EX ☐ US Mail ☐

Tracking Number: ☑ Not Applicable

Tracking #: _____

COC Seals present and intact on cooler? ☑ Not Applicable ☐ No ☐ Yes

Custody seals signed by Client? ☐ No ☐ Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? ☑

Multiple bags of ice around samples? ☐

Ice Packs/ Blue Ice : ☐

No Coolant Present: ☐

Ice still present upon receipt (circle one): Yes No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C

•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 0.6 °C (check one below)

☐ Temp Blank (Stick Thermometer)

☑ Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	☑	☐	☐	
Each sample point is in a sealed plastic bag?	☐	☑	☐	
Labels filled out completely?	☑	☐	☐	
All bottle labels agree with Chain of Custody (COC)?	☑	☐	☐	
Sufficient sample to run tests requested?	☑	☐	☐	
*pH checked and samples at correct pH?	☑	☐	☐	
Correct preservative added to samples?	☑	☐	☐	
Air bubbles absent from VOAs?	☐	☐	☑	
COC filled out properly and signed by client?	☑	☐	☐	
COC signed in by TRACE sample custodian?	☑	☐	☐	
Was project manager called and samples discussed?	☐	☑	☐	

Notes:

*EMD pH Test Strips Used:

☑ pH 0-2.5 Lot: HC862115 ☐ pH 11.0-13.0 Lot: HC600691

☐ Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper

TRACE ID: T19E322-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1734 #1 (2024 Alamo Ave.)	5/8/19 7:06	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.72 mg/L	1.3	5/15/19 9:35	5/20/19 19:11	rl	EPA 200.8 Rev. 5.4
Lead	0.0022 mg/L	0.015	5/15/19 9:35	5/17/19 10:11	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E322-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1734 #2 (2024 Alamo Ave.)	5/8/19 7:07	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.077 mg/L	1.3	5/15/19 9:35	5/20/19 19:12	rl	EPA 200.8 Rev. 5.4
Lead	0.0087 mg/L	0.015	5/15/19 9:35	5/17/19 10:12	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E322-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1737 #1 (532 Montrose Ave.)	5/8/19 6:32	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.37 mg/L	1.3	5/15/19 9:35	5/20/19 19:13	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/15/19 9:35	5/17/19 10:14	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper

TRACE ID: T19E322-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1737 #2 (532 Montrose Ave.)	5/8/19 6:33	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.034 mg/L	1.3	5/15/19 9:35	5/20/19 19:14	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/15/19 9:35	5/17/19 10:15	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E322-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1738 #1 (217 W. Paterson St.)	5/8/19 9:09	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.48 mg/L	1.3	5/15/19 9:35	5/20/19 19:16	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/15/19 9:35	5/17/19 10:16	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E322-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1738 #2 (217 W. Paterson St.)	5/8/19 9:10	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.046 mg/L	1.3	5/15/19 9:35	5/20/19 19:17	rl	EPA 200.8 Rev. 5.4
Lead	0.0044 mg/L	0.015	5/15/19 9:35	5/17/19 10:17	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper

TRACE ID: T19E322-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1742 #1 (1806 Baker Drive)	5/8/19 16:34	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.46 mg/L	1.3	5/15/19 9:35	5/20/19 19:18	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	5/15/19 9:35	5/17/19 10:19	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E322-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1742 #2 (1806 Baker Drive)	5/8/19 16:35	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.060 mg/L	1.3	5/15/19 9:35	5/20/19 19:22	rl	EPA 200.8 Rev. 5.4
Lead	0.0076 mg/L	0.015	5/15/19 9:35	5/17/19 10:23	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E322-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1743 #1 (609 Chicago Ave.)	5/8/19 17:17	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.18 mg/L	1.3	5/15/19 9:35	5/20/19 19:23	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/15/19 9:35	5/17/19 10:24	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper

TRACE ID: T19E322-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1743 #2 (609 Chicago Ave.)	5/8/19 17:18	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.30 mg/L	1.3	5/15/19 9:35	5/20/19 19:25	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/15/19 9:35	5/17/19 10:25	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E322-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1740 #1 (107 Edgemoor Ave.)	5/8/19 7:33	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.25 mg/L	1.3	5/15/19 9:35	5/20/19 19:26	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/15/19 9:35	5/17/19 10:26	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E322-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1740 #2 (107 Edgemoor Ave.)	5/8/19 7:34	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.059 mg/L	1.3	5/15/19 9:35	5/20/19 19:27	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/15/19 9:35	5/17/19 10:28	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper

TRACE ID: T19E322-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1741 #1 (1727 Baker Drive)	5/9/19 10:20	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.20 mg/L	1.3	5/15/19 9:35	5/20/19 19:28	rl	EPA 200.8 Rev. 5.4
Lead	0.0033 mg/L	0.015	5/15/19 9:35	5/17/19 10:29	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E322-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1741 #2 (1727 Baker Drive)	5/9/19 10:21	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/15/19 9:35	5/20/19 19:30	rl	EPA 200.8 Rev. 5.4
Lead	**0.020 mg/L**	**0.015**	5/15/19 9:35	5/17/19 10:30	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: T19E322-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1744 #1 (2804 Duke St.)	5/10/19 6:46	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.28 mg/L	1.3	5/15/19 9:35	5/20/19 19:31	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/15/19 9:35	5/17/19 10:32	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper

TRACE ID: T19E322-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1744 #2 (2804 Duke St.)	5/10/19 6:47	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.030 mg/L	1.3	5/15/19 9:35	5/20/19 19:32	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/15/19 9:35	5/17/19 10:33	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E322-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1745 #1 (1401 Lane Blvd.)	5/10/19 7:11	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.72 mg/L	1.3	5/15/19 9:35	5/20/19 19:34	rl	EPA 200.8 Rev. 5.4
Lead	0.0020 mg/L	0.015	5/15/19 9:35	5/17/19 10:34	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E322-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1745 #2 (1401 Lane Blvd.)	5/10/19 7:12	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.28 mg/L	1.3	5/15/19 9:35	5/20/19 19:38	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/15/19 9:35	5/17/19 10:38	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. TIR327

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JS
Checked By: MB
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)
Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Lead and copper	Remarks	Possible Health Hazards?
1	5/8/19	0706	LCS-1734 #1 2024 ALAMO AVE.	N	D	1			x				X	*All bottles	?
2	5/8/19	0707	LCS-1734 #2 2024 ALAMO AVE.	N	D	1			x				X	are 1 liter	↓
3	5/8/19	0632	LCS-1737 #1 532 MONTROSE AVE	N	D	1			X				X	and preserved	
4	5/8/19	0633	LCS-1737 #2 532 MONTROSE AVE	N	D	1			X				X	to pH < 2	
5	5/8/19	0909	LCS-1738 #1 217 W PATERSON ST	N	D	1			X				X		
6	5/8/19	0910	LCS-1738 #2 217 W PATERSON ST	N	D	1			X				X	*All samples	
7	5/8/19	1634	LCS-1742 #1 1806 BAKER DRIVE	N	D	1			X				X	are part of	
8	5/8/19	1635	LCS-1742 #2 1806 BAKER DRIVE	N	D	1			X				X	Kalamazoo's	
9	5/8/19	1717	LCS-1743 #1 609 CHICAGO AVE.	N	D	1			X				X	lead and copper	
10	5/8/19	1718	LCS-1743 #2 609 CHICAGO AVE.	N	D	1			X				X	compliance	

Analysis Requested

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	DVD		5/10/19	14:44	2)		5/12/19	12:30
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. TIE322

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: IS
Checked By: MJD
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	5/9/19	0733	LCS-1740 #1 107 EDGEMOOR AVE.	N	D	1			x				X	*All bottles	?
12	5/9/19	0734	LCS-1740 #2 107 EDGEMOOR AVE.	N	D	1			x				X	are 1 liter	↓
13	5/9/19	1020	LCS-1741 #1 1727 BAKER DR.	N	D	1			x				X	and preserved	
14	5/9/19	1021	LCS-1741 #2 1727 BAKER DR.	N	D	1			x				X	to pH < 2	
15	5/10/19	0646	LCS-1744 #1 2804 DUKE ST.	N	D	1			x				X		
16	5/10/19	0647	LCS-1744 #2 2804 DUKE ST.	N	D	1			x				X	*All samples	
17	5/10/19	0711	LCS-1745 #1 1401 LANE BLVD.	N	D	1			x				X	are part of	
18	5/10/19	0712	LCS-1745 #2 1401 LANE BLVD.	N	D	1			x				X	Kalamazoo's	
1	~~5/10/19~~	~~0807~~	~~LCS-1747 #1~~											lead and copper	
	~~5/10/19~~	~~0808~~	~~LCS-1747 #2~~											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	Dan VanDam		5/10/19	14:44	2)		5/12/19	12:38
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E322 Date: 5-12-19 Package Description: Cooler Temperature: 4.8

Client Name: Kalamazoo Time: 12:30 Logged in by: SS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X] Hand delivered [ ] Name of delivery person: _____

Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable

Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]

Multiple bags of ice around samples? [ ]

Ice Packs/ Blue Ice : [ ]

No Coolant Present: [ ]

Ice still present upon receipt (circle one): Yes No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C

•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 5.9 °C (check one below)

[ ] Temp Blank (Stick Thermometer)

[X] Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691

[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper

TRACE ID: T19E202-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1730 #1 (1803 Baker Dr.)	5/6/19 8:10	dvd	*5/7/19 11:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.093 mg/L	1.3	5/8/19 12:18	5/14/19 17:35	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/8/19 12:18	5/14/19 17:35	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19E202-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1730 #2 (1803 Baker Dr.)	5/6/19 8:12	dvd	*5/7/19 11:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.085 mg/L	1.3	5/13/19 16:42	5/14/19 9:10	jbb	EPA 200.8 Rev. 5.4
Lead	0.0053 mg/L	0.015	5/13/19 16:42	5/14/19 9:10	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19E202-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1726 #1 (215 E. Oak Grove)	5/7/19 5:49	dvd	*5/7/19 11:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.070 mg/L	1.3	5/13/19 16:42	5/14/19 9:12	jbb	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	5/13/19 16:42	5/14/19 9:12	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper

TRACE ID: T19E202-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1726 #2 (215 E. Oak Grove)	5/7/19 5:50	dvd	*5/7/19 11:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/13/19 16:42	5/14/19 9:13	jbb	EPA 200.8 Rev. 5.4
Lead	0.0048 mg/L	0.015	5/13/19 16:42	5/14/19 9:13	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of _____

Trace ID No. T19E202

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JS MB

Checked By:

Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab

Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	5/6/19	0810	LCS- 1730 #1 1803 Baker Dr.	N	D	1			x				X	*All bottles	?
2	5/6/19	0812	LCS- 1730 #2 1803 Baker Dr.	N	D	1			x				X	are 1 liter	↓
3	5/7/19	0549	LCS- 1726 #1 215 E Oak Grove.	N	D	1			X				X	and preserved	
4	5/7/19	0550	LCS- 1726 #2 215 E Oak Grove.	N	D	1			X				X	to pH < 2	
			LCS- #1 .												
			LCS- #2 .											*All samples	
			LCS- #1 .											are part of	
			LCS- #2 .											Parchment's	
			LCS- #1 .											lead and copper	
			LCS- #2 .											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	5-7-19	11:05	2) [signature]	[signature]	5/8/19	9:15
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E202 Date: 5-8-19 Package Description: cooler Temperature: -1.6

Client Name: Kalamazoo Time: 8:54 Logged in by: SS

Cooler Receipt

Cooler/samples delivered by: Trace courier ☒
Hand delivered ☐ Name of delivery person: _____
Commercial courier ☐ UPS ☐ FED EX ☐ US Mail ☐

Tracking Number: ☒ Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? ☒ Not Applicable ☐ No ☐ Yes

Custody seals signed by Client? ☐ No ☐ Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? ☒
Multiple bags of ice around samples? ☐
Ice Packs/ Blue Ice : ☐
No Coolant Present: ☐

Ice still present upon receipt (circle one): (Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 3.0 °C (check one below)

☒ Temp Blank (Stick Thermometer)
☐ Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	☒	☐	☐	
Each sample point is in a sealed plastic bag?	☐	☐	☒	
Labels filled out completely?	☒	☐	☐	
All bottle labels agree with Chain of Custody (COC)?	☒	☐	☐	
Sufficient sample to run tests requested?	☒	☐	☐	
*pH checked and samples at correct pH?	☒	☐	☐	
Correct preservative added to samples?	☒	☐	☐	
Air bubbles absent from VOAs?	☐	☐	☒	
COC filled out properly and signed by client?	☒	☐	☐	
COC signed in by TRACE sample custodian?	☒	☐	☐	
Was project manager called and samples discussed?	☐	☐	☒	

Notes:

*EMD pH Test Strips Used:
☒ pH 0-2.5 Lot: HC862115
☐ pH 11.0-13.0 Lot: HC600691
☐ Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1771 #1 (1828 Commonwealth)	5/17/19 15:10	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.057 mg/L	1.3	5/23/19 15:42	5/29/19 16:57	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 15:42	5/29/19 16:57	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1771 #2 (1828 Commonwealth)	5/17/19 15:11	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/23/19 15:42	5/29/19 16:59	rl	EPA 200.8 Rev. 5.4
Lead	0.0058 mg/L	0.015	5/23/19 15:42	5/29/19 16:59	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1773 #1 (2229 Waverly Ave.)	5/17/19 17:37	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.061 mg/L	1.3	5/23/19 15:42	5/29/19 17:02	rl	EPA 200.8 Rev. 5.4
Lead	0.0028 mg/L	0.015	5/23/19 15:42	5/29/19 17:02	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1773 #2 (2229 Waverly Ave.)	5/17/19 17:38	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.025 mg/L	1.3	5/23/19 15:42	5/29/19 17:04	rl	EPA 200.8 Rev. 5.4
Lead	**0.015 mg/L**	**0.015**	5/23/19 15:42	5/29/19 17:04	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: T19E671-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1749 #1 (723 Campbell Ave.)	5/20/19 7:27	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.54 mg/L	1.3	5/23/19 15:42	5/29/19 17:05	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 15:42	5/29/19 17:05	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1749 #2 (723 Campbell Ave.)	5/20/19 7:28	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.36 mg/L	1.3	5/23/19 15:42	5/29/19 17:06	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 15:42	5/29/19 17:06	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1775 #1 (826 Howard St.)	5/20/19 6:34	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.7 mg/L**	**1.3**	5/23/19 15:42	5/29/19 17:08	rl	**EPA 200.8 Rev. 5.4**
Lead	0.0034 mg/L	0.015	5/23/19 15:42	5/29/19 17:08	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1775 #2 (826 Howard St.)	5/20/19 6:35	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.3 mg/L**	**1.3**	5/23/19 15:42	5/29/19 17:09	rl	**EPA 200.8 Rev. 5.4**
Lead	0.0035 mg/L	0.015	5/23/19 15:42	5/29/19 17:09	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1776 #1 (712 Pinehurst Blvd)	5/20/19 7:00	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.037 mg/L	1.3	5/23/19 15:42	5/29/19 17:10	rl	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	5/23/19 15:42	5/29/19 17:10	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1776 #2 (712 Pinehurst Blvd)	5/20/19 7:01	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.027 mg/L	1.3	5/23/19 15:42	5/29/19 17:11	rl	EPA 200.8 Rev. 5.4
Lead	0.0019 mg/L	0.015	5/23/19 15:42	5/29/19 17:11	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1777 #1 (1220 Palmer Ave.)	5/20/19 6:03	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.24 mg/L	1.3	5/23/19 15:42	5/29/19 17:13	rl	EPA 200.8 Rev. 5.4
Lead	**0.017 mg/L**	**0.015**	5/23/19 15:42	5/29/19 17:13	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: T19E671-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1777 #2 (1220 Palmer Ave.)	5/20/19 6:04	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.043 mg/L	1.3	5/23/19 15:42	5/29/19 17:14	rl	EPA 200.8 Rev. 5.4
Lead	0.0046 mg/L	0.015	5/23/19 15:42	5/29/19 17:14	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1779 #1 (728 Montrose)	5/20/19 15:03	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	5/23/19 15:42	5/29/19 17:18	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 15:42	5/29/19 17:18	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1779 #2 (728 Montrose)	5/20/19 15:04	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.22 mg/L	1.3	5/23/19 15:42	5/29/19 17:19	rl	EPA 200.8 Rev. 5.4
Lead	0.0040 mg/L	0.015	5/23/19 15:42	5/29/19 17:19	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1780 #1 (1615 Dover Rd.)	5/21/19 6:39	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.87 mg/L	1.3	5/23/19 15:42	5/29/19 17:21	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 15:42	5/29/19 17:21	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1780 #2 (1615 Dover Rd.)	5/21/19 6:40	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	5/23/19 15:42	5/29/19 17:22	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 15:42	5/29/19 17:22	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1782 #1 (427 Campbell Ave.)	5/21/19 7:38	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.029 mg/L	1.3	5/23/19 15:42	5/29/19 17:23	rl	EPA 200.8 Rev. 5.4
Lead	0.0020 mg/L	0.015	5/23/19 15:42	5/29/19 17:23	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1782 #2 (427 Campbell Ave.)	5/21/19 7:39	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/23/19 15:42	5/29/19 17:24	rl	EPA 200.8 Rev. 5.4
Lead	0.0013 mg/L	0.015	5/23/19 15:42	5/29/19 17:24	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-19

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1783 #1 (303 Glendale Ave.)	5/21/19 8:19	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.26 mg/L	1.3	5/23/19 15:42	5/29/19 17:26	rl	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	5/23/19 15:42	5/29/19 17:26	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-20

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1783 #2 (303 Glendale Ave.)	5/21/19 8:20	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.20 mg/L	1.3	5/23/19 15:42	5/29/19 17:27	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 15:42	5/29/19 17:27	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-21

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1736 #1 (1606 Palmer Ave.)	5/22/19 6:01	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.4 mg/L**	**1.3**	5/23/19 16:31	5/29/19 17:37	rl	**EPA 200.8 Rev. 5.4**
Lead	<0.0010 mg/L	0.015	5/23/19 16:31	5/29/19 17:37	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-22

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1736 #2 (1606 Palmer Ave.)	5/22/19 6:02	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.80 mg/L	1.3	5/23/19 16:31	5/29/19 17:39	rl	EPA 200.8 Rev. 5.4
Lead	0.0024 mg/L	0.015	5/23/19 16:31	5/29/19 17:39	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-23

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1784 #1 (2318 Waverly St.)	5/21/19 15:18	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.045 mg/L	1.3	5/23/19 16:31	5/29/19 17:40	rl	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	5/23/19 16:31	5/29/19 17:40	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-24

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1784 #2 (2318 Waverly St.)	5/21/19 15:19	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	5/23/19 16:31	5/29/19 17:41	rl	EPA 200.8 Rev. 5.4
Lead	0.0013 mg/L	0.015	5/23/19 16:31	5/29/19 17:41	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-25

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1786 #1 (210 Gilkison Ave.)	5/22/19 7:39	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.029 mg/L	1.3	5/23/19 16:31	5/29/19 17:43	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 16:31	5/29/19 17:43	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-26

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1786 #2 (210 Gilkison Ave.)	5/22/19 7:40	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/23/19 16:31	5/29/19 17:44	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 16:31	5/29/19 17:44	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-27

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1787 #1 (626 Pinehurst Blvd)	5/22/19 9:11	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.44 mg/L	1.3	5/23/19 16:31	5/29/19 17:45	rl	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	5/23/19 16:31	5/29/19 17:45	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-28

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1787 #2 (626 Pinehurst Blvd)	5/22/19 9:12	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.051 mg/L	1.3	5/23/19 16:31	5/29/19 17:46	rl	EPA 200.8 Rev. 5.4
Lead	0.0076 mg/L	0.015	5/23/19 16:31	5/29/19 17:46	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-29

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1791 #1 (622 Lay Blvd)	5/21/19 16:16	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	5/23/19 16:31	5/29/19 17:52	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 16:31	5/29/19 17:52	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-30

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1791 #2 (622 Lay Blvd)	5/21/19 16:17	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.071 mg/L	1.3	5/23/19 16:31	5/29/19 17:53	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 16:31	5/29/19 17:53	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-31

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1792 #1 (1617 Fulton St.)	5/22/19 7:09	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.5 mg/L**	**1.3**	5/23/19 16:31	5/29/19 17:54	rl	**EPA 200.8 Rev. 5.4**
Lead	<0.0010 mg/L	0.015	5/23/19 16:31	5/29/19 17:54	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-32

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1792 #2 (1617 Fulton St.)	5/22/19 7:10	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.49 mg/L	1.3	5/23/19 16:31	5/29/19 17:56	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 16:31	5/29/19 17:56	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 4 (8 2)

Trace ID No. T19E671

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JS
Checked By:	CMV
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- ☒ Standard
- ☐ 4 Day*
- ☐ 3 Day*
- ☐ 48 Hour*
- ☐ 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	5/17/19	1510	LCS-1771 #1 1828 COMMONWEALTH	N	D	1			X				X	*All bottles	?
2	5/17/19	1511	LCS-1771 #2 1828 COMMONWEALTH	N	D	1			X				X	are 1 liter	↓
3	5/17/19	1737	LCS-1773 #1 2229 WAVERLY AVE	N	D	1			X				X	and preserved	
4	5/17/19	1738	LCS-1773 #2 2229 WAVERLY AVE	N	D	1			X				X	to pH < 2	
5	5/20/19	0727	LCS-1749 #1 723 CAMPBELL AVE	N	D	1			X				X		
6	5/20/19	0728	LCS-1749 #2 723 CAMPBELL AVE	N	D	1			X				X	*All samples	
7	5/20/19	0634	LCS-1775 #1 826 HOWARD ST	N	D	1			X				X	are part of	
8	5/20/19	0635	LCS-1775 #2 826 HOWARD ST	N	D	1			X				X	Kalamazoo's	
9	5/20/19	0700	LCS-1776 #1 712 PINEHURST BLVD	N	D	1			X				X	lead and copper	
10	5/20/19	0701	LCS-1776 #2 712 PINEHURST BLVD	N	D	1			X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			5-22-19	13:36	2)		5/23/19	8:23
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19E671

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By: TS	
Checked By: CMV	
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab	
Sampling Time:	

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; Oil = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	5/20/19	0603	LCS-1777 #1 1220 Palmer Ave.	N	D	1			x				X	*All bottles	?
12	5/20/19	0604	LCS-1777 #2 1220 Palmer Ave.	N	D	1			x				X	are 1 liter	↓
13	5/20/19	1503	LCS-1779 #1 728 Montrose.	N	D				X				X	and preserved	
14	5/20/19	1504	LCS-1779 #2 728 Montrose.	N	D				X				X	to pH < 2	
15	5/21/19	0639	LCS-1780 #1 1615 Dover Rd.	N	D				X				X		
16	5/21/19	0640	LCS-1780 #2 1615 Dover Rd.	N	D				X				X	*All samples	
17	5/21/19	0738	LCS-1782 #1 427 Campbell Ave.	N	D				X				X	are part of	
18	5/21/19	0739	LCS-1782 #2 427 Campbell Ave.	N	D				X				X	Kalamazoo's	
19	5/21/19	0819	LCS-1783 #1 303 Glendale Ave.	N	D				X				X	lead and copper	
20	5/21/19	0820	LCS-1783 #2 303 Glendale Ave.	N	D				X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	5-22-19	13:36	2) [signature]	[signature]	5/23/19	8:23
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone | 888-979-4469 Fax | www.trace-labs.com
Trace Analytical Laboratories, Inc. | 2241 Black Creek Road | Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. TIE671

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JS
Checked By: CM ✓
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:
- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

* Requires Prior Approval

Matrix Key:
S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
21	5/22/19	0601	LCS-1736 #1 1606 PALMER AVE.	N	D	1			X				X	*All bottles	?
22	5/22/19	0602	LCS-1736 #2 1606 PALMER AVE.	N	D	1			X				X	are 1 liter	↓
23	5/21/19	1518	LCS-1784 #1 2318 WAVERLY ST.	N	D	1			X				X	and preserved	
24	5/21/19	1519	LCS-1784 #2 2318 WAVERLY ST.	N	D	1			X				X	to pH < 2	
25	5/22/19	0739	LCS-1786 #1 210 GILKISON AVE.	N	D	1			X				X		
26	5/22/19	0740	LCS-1786 #2 210 GILKISON AVE.	N	D	1			X				X	*All samples	
27	5/22/19	0911	LCS-1787 #1 626 PINEHURST BLVD	N	D	1			X				X	are part of	
28	5/22/19	0912	LCS-1787 #2 626 PINEHURST BLVD	N	D	1			X				X	Kalamazoo's	
29	5/21/19	1616	LCS-1791 #1 622 LAY BLVD.	N	D	1			X				X	lead and copper	
30	5/21/19	1617	LCS-1791 #2 622 LAY BLVD.	N	D	1			X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			5-22-19	13:36	2)		5/23/19	8:28
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19E671

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: IS
Checked By: CMA ✓
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

** Requires Prior Approval*

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
31	5/22/19	0709	LCS- 1792 #1 1617 Fulton ST	N	D	1			x				X	*All bottles	?
32	5/22/19	0710	LCS- 1792 #2 1617 Fulton ST	N	D	1			x				X	are 1 liter	↓
			LCS- #1											and preserved	
			LCS- #2											to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Kalamazoo's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	DVR		5-22-19	13:36	2)		5/23/19	8:23
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E671 Date: 5/23/19 Package Description: Cooler Temperature: 0.7

Client Name: Kalamazoo, City of Time: 10:50 Logged in by: JB

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: Jimmy Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #:

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable):

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 2.8 °C (check one below)

[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: none °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691

[ ] Other:

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 28, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS- 1750,1751,1748,1754,1757, 1760, 1761

TRACE ID: T19E460-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1750 #1 (2244 Factory St.)	5/13/19 6:57	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.5 mg/L**	**1.3**	5/20/19 10:48	5/27/19 15:36	rl	**EPA 200.8 Rev. 5.4**
Lead	0.0014 mg/L	0.015	5/20/19 10:48	5/27/19 15:36	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E460-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1750 #2 (2244 Factory St.)	5/13/19 6:58	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.22 mg/L	1.3	5/20/19 10:48	5/27/19 15:37	rl	EPA 200.8 Rev. 5.4
Lead	0.0042 mg/L	0.015	5/20/19 10:48	5/27/19 15:37	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E460-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1748 #1 (1612 N. Park St.)	5/10/19 15:28	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.026 mg/L	1.3	5/20/19 10:48	5/27/19 15:38	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/20/19 10:48	5/27/19 15:38	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 28, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS- 1750,1751,1748,1754,1757, 1760, 1761

TRACE ID: T19E460-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1748 #2 (1612 N. Park St.)	5/10/19 15:29	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/20/19 10:48	5/27/19 15:40	rl	EPA 200.8 Rev. 5.4
Lead	0.0011 mg/L	0.015	5/20/19 10:48	5/27/19 15:40	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E460-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1751 #1 (2323 Portage St.)	5/13/19 16:30	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	5/20/19 10:48	5/27/19 15:41	rl	EPA 200.8 Rev. 5.4
Lead	0.0078 mg/L	0.015	5/20/19 10:48	5/27/19 15:41	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E460-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1751 #2 (2323 Portage St.)	5/13/19 16:31	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.50 mg/L	1.3	5/20/19 10:48	5/27/19 15:42	rl	EPA 200.8 Rev. 5.4
Lead	**0.13 mg/L**	**0.015**	5/20/19 10:48	5/27/19 15:42	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 28, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS- 1750,1751,1748,1754,1757, 1760, 1761

TRACE ID: T19E460-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1754 #1 (1316 W. Maple St.)	5/14/19 7:41	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.50 mg/L	1.3	5/20/19 10:48	5/27/19 15:44	rl	EPA 200.8 Rev. 5.4
Lead	0.0045 mg/L	0.015	5/20/19 10:48	5/27/19 15:44	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E460-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1754 #2 (1316 W. Maple St.)	5/14/19 7:42	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.54 mg/L	1.3	5/20/19 10:48	5/27/19 15:45	rl	EPA 200.8 Rev. 5.4
Lead	0.0028 mg/L	0.015	5/20/19 10:48	5/27/19 15:45	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E460-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1757 #1 (448 Campbell Ave.)	5/14/19 8:05	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.061 mg/L	1.3	5/20/19 10:48	5/27/19 15:46	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/20/19 10:48	5/27/19 15:46	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 28, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS- 1750,1751,1748,1754,1757, 1760, 1761

TRACE ID: T19E460-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1757 #2 (448 Campbell Ave.)	5/14/19 8:06	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.069 mg/L	1.3	5/20/19 10:48	5/27/19 15:50	rl	EPA 200.8 Rev. 5.4
Lead	0.0048 mg/L	0.015	5/20/19 10:48	5/27/19 15:50	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E460-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1760 #1 (1215 Merrill St.)	5/15/19 7:04	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.073 mg/L	1.3	5/20/19 10:48	5/27/19 15:51	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/20/19 10:48	5/27/19 15:51	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E460-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1760 #2 (1215 Merrill St.)	5/15/19 7:05	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.062 mg/L	1.3	5/20/19 10:48	5/27/19 15:53	rl	EPA 200.8 Rev. 5.4
Lead	0.0022 mg/L	0.015	5/20/19 10:48	5/27/19 15:53	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 28, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS- 1750,1751,1748,1754,1757, 1760, 1761

TRACE ID: T19E460-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1761 #1 (2622 Oakland Dr.)	5/15/19 7:36	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.64 mg/L	1.3	5/20/19 10:48	5/27/19 15:54	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/20/19 10:48	5/27/19 15:54	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E460-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1761 #2 (2622 Oakland Dr.)	5/15/19 7:37	dvd	*5/15/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.10 mg/L	1.3	5/20/19 10:48	5/27/19 15:55	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/20/19 10:48	5/27/19 15:55	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19E460

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JS
Checked By:	MA
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab	
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID		Metals Field Filtered (Y/N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	5/13/19	0657	LCS-1750 #1	2244 Factory St.	N	D	1			x				X	*All bottles	?
2	5/13/19	0658	LCS-1750 #2	2244 Factory St	N	D	1			x				X	are 1 liter	↓
3	5/10/19	1528	LCS-1748 #1	1612 N. Park St.	N	D	1			X				X	and preserved	
4	5/10/19	1529	LCS-1748 #2	1612 N Park St.	N	D	1			X				X	to pH < 2	
5	5/13/19	1630	LCS-1751 #1	2323 Portage St.	N	D	1			X				X		
6	5/13/19	1631	LCS-1751 #2	2323 Portage St.	N	D	1			X				X	*All samples	
7	5/14/19	0741	LCS-1754 #1	1316 W Maple St.	N	D	1			X				X	are part of	
8	5/14/19	0742	LCS-1754 #2	1316 W Maple St	N	D	1			X				X	Kalamazoo's	
9	5/14/19	0805	LCS-1757 #1	448 Campbell Ave	N	D	1			X				X	lead and copper	
10	5/14/19	0806	LCS-1757 #2	448 Campbell Ave.	N	D	1			X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	5-15-19	12:40	2) [signature]	[signature]	5/16/19	9:55
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 2 of 2

Trace ID No. TPE460

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JS
Checked By:	WLS
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	5/15/19	0704	LCS- 1760 #1 1215 MERRILL ST.	N	D	1			x				X	*All bottles	?
12	5/15/19	0705	LCS- 1760 #2 1215 MERRILL ST.	N	D	1			x				X	are 1 liter	↓
13	5/15/19	0736	LCS- 1761 #1 2622 OAKLAND DR.	N	D	1			X				X	and preserved	
14	5/15/19	0737	LCS- 1761 #2 2622 OAKLAND DR.	N	D	1			X				X	to pH < 2	
			LCS- #1 .												
			LCS- #2 .											*All samples	
			LCS- #1 .											are part of	
			LCS- #2 .											Kalamazoo's	
			LCS- #1 .											lead and copper	
			LCS- #2 .											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	5-15-19	12:40	2) [signature]	[signature]	5/16/19	9:55
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E460 Date: 5/6/19 Package Description: Cooler Temperature: 0.9

Client Name: Falconer CSD Time: 955 Logged in by: _____

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [ ]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one): Yes No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 3.0 °C (check one below)

[X] Temp Blank (Stick Thermometer)
[ ] Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	[X]	[ ]	[ ]	
Each sample point is in a sealed plastic bag?	[ ]	[ ]	[X]	
Labels filled out completely?	[X]	[ ]	[ ]	
All bottle labels agree with Chain of Custody (COC)?	[X]	[ ]	[ ]	
Sufficient sample to run tests requested?	[X]	[ ]	[ ]	
*pH checked and samples at correct pH?	[X]	[ ]	[ ]	
Correct preservative added to samples?	[X]	[ ]	[ ]	
Air bubbles absent from VOAs?	[ ]	[ ]	[X]	
COC filled out properly and signed by client?	[X]	[ ]	[ ]	
COC signed in by TRACE sample custodian?	[X]	[ ]	[ ]	
Was project manager called and samples discussed?	[ ]	[ ]	[X]	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E749-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1778 #1 (1407 Fulton St.)	5/22/19 15:14	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.8 mg/L**	**1.3**	5/30/19 10:33	6/3/19 17:48	rl	**EPA 200.8 Rev. 5.4**
Lead	0.0036 mg/L	0.015	5/30/19 10:33	6/3/19 17:48	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1778 #2 (1407 Fulton St.)	5/22/19 15:15	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.34 mg/L	1.3	5/30/19 10:33	6/3/19 17:49	rl	EPA 200.8 Rev. 5.4
Lead	0.0046 mg/L	0.015	5/30/19 10:33	6/3/19 17:49	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1788 #1 (2308 Oakland Dr.)	5/23/19 6:42	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.31 mg/L	1.3	5/30/19 10:33	6/3/19 17:53	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 10:33	6/3/19 17:53	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E749-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1788 #2 (2308 Oakland Dr.)	5/23/19 6:43	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.38 mg/L	1.3	5/30/19 10:33	6/3/19 17:55	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	5/30/19 10:33	6/3/19 17:55	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1790 #1 (915 Arthur Ave)	5/23/19 7:40	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.042 mg/L	1.3	5/30/19 10:33	6/3/19 17:56	rl	EPA 200.8 Rev. 5.4
Lead	0.0033 mg/L	0.015	5/30/19 10:33	6/3/19 17:56	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1790 #2 (915 Arthur Ave)	5/23/19 7:41	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/30/19 10:33	6/3/19 17:57	rl	EPA 200.8 Rev. 5.4
Lead	0.0046 mg/L	0.015	5/30/19 10:33	6/3/19 17:57	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E749-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1793 #1 (1716 Baker Dr.)	5/23/19 13:02	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.042 mg/L	1.3	5/30/19 10:33	6/3/19 17:59	rl	EPA 200.8 Rev. 5.4
Lead	0.0031 mg/L	0.015	5/30/19 10:33	6/3/19 17:59	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1793 #2 (1716 Baker Dr.)	5/23/19 13:03	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/30/19 10:33	6/3/19 18:00	rl	EPA 200.8 Rev. 5.4
Lead	**0.024 mg/L**	**0.015**	5/30/19 10:33	6/3/19 18:00	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: T19E749-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1794 #1 (1019 Lay Blvd.)	5/23/19 15:08	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.050 mg/L	1.3	5/30/19 10:33	6/3/19 18:01	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 10:33	6/3/19 18:01	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E749-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1794 #2 (1019 Lay Blvd.)	5/23/19 15:09	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	5/30/19 10:33	6/3/19 18:02	rl	EPA 200.8 Rev. 5.4
Lead	**0.15 mg/L**	**0.015**	5/30/19 10:33	6/3/19 18:02	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: T19E749-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1800#1 (907 Lay Blvd.)	5/24/19 6:40	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.18 mg/L	1.3	5/30/19 10:33	6/3/19 18:04	rl	EPA 200.8 Rev. 5.4
Lead	0.0026 mg/L	0.015	5/30/19 10:33	6/3/19 18:04	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1800#2 (907 Lay Blvd.)	5/24/19 0:41	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.038 mg/L	1.3	5/30/19 10:33	6/3/19 18:05	rl	EPA 200.8 Rev. 5.4
Lead	0.0018 mg/L	0.015	5/30/19 10:33	6/3/19 18:05	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E749-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1797#1 (1024 Palmer Ave)	5/24/19 8:33	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.34 mg/L	1.3	5/30/19 10:33	6/3/19 18:09	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	5/30/19 10:33	6/3/19 18:09	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1797#2 (1024 Palmer Ave)	5/24/19 8:34	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.10 mg/L	1.3	5/30/19 10:33	6/3/19 18:10	rl	EPA 200.8 Rev. 5.4
Lead	0.0018 mg/L	0.015	5/30/19 10:33	6/3/19 18:10	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. TE 749

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JS
Checked By: MB
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; Ol = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Analysis Requested

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Lead and copper	Remarks	Possible Health Hazards?
1	5/22/19	1514	LCS-1778 #1 1407 Fulton St.	N	D	1			x				X	*All bottles	?
2	5/22/19	1515	LCS-1778 #2 1407 Fulton St.	N	D	1			x				X	are 1 liter	↓
3	5/23/19	0642	LCS-1788 #1 2308 Oakland Dr	N	D	1			x				X	and preserved	
4	5/23/19	0643	LCS-1788 #2 2308 Oakland Dr	N	D	1			x				X	to pH < 2	
5	5/23/19	0740	LCS-1790 #1 915 Arthur Ave	N	D	1			x				X		
6	5/23/19	0741	LCS-1790 #2 915 Arthur Ave	N	D	1			x				X	*All samples	
7	5/23/19	1302	LCS-1793 #1 1716 Baker Dr.	N	D	1			x				X	are part of	
8	5/23/19	1303	LCS-1793 #2 1716 Baker Dr.	N	D	1			x				X	Kalamazoo's	
9	5/23/19	1508	LCS-1794 #1 1019 Lay Blvd	N	D	1			x				X	lead and copper	
10	5/23/19	1509	LCS-1794 #2 1019 Lay Blvd	N	D	1			x				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	5/24/19	11am	2) [signature]	[signature]	5-24-19	17:26
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19E749

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JS
Checked By:	
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

** Requires Prior Approval*

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Analysis Requested

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Lead and copper	Remarks	Possible Health Hazards?
11	5/24/19	0640	LCS-~~1797~~ 1800 #1 907 LAY BLVD	N	D	1			x				X	*All bottles	?
12	5/24/19	0641	LCS-~~1797~~ 1800 #2 907 LAY BLVD	N	D	1			x				X	are 1 liter	↓
13	5/24/19	0833	LCS-1797 #1 1024 PALMER AVE	N	D	1			x				X	and preserved	
14	5/24/19	0834	LCS-1797 #2 1024 PALMER AVE	N	D	1			x				X	to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Kalamazoo's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	5/24/19	11am	2) [signature]	[signature]	5-24-19	17:26
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E749 Date: 5/28/19 Package Description: Cooler Temperature: 4.7

Client Name: Kalamazoo, City of Time: 10:34 Logged in by: JB

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: Jimmy Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 5.7 °C (check one below)

[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: none °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC862115
[ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 28, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E541-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1735 #1 (30 Edgemoor Ave.)	5/16/19 18:37	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.064 mg/L	1.3	5/21/19 11:50	5/27/19 16:47	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/21/19 11:50	5/27/19 16:47	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E541-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1735 #2 (30 Edgemoor Ave.)	5/16/19 18:38	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.034 mg/L	1.3	5/21/19 11:50	5/27/19 16:49	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/21/19 11:50	5/27/19 16:49	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E541-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1764 #1 (1525 Merrill St.)	5/16/19 6:40	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.32 mg/L	1.3	5/21/19 11:50	5/27/19 16:52	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/21/19 11:50	5/27/19 16:52	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 28, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E541-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1764 #2 (1525 Merrill St.)	5/16/19 6:41	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.047 mg/L	1.3	5/21/19 11:50	5/27/19 16:54	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/21/19 11:50	5/27/19 16:54	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E541-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1766 #1 (1105 Warren Pl.)	5/16/19 6:00	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.56 mg/L	1.3	5/21/19 11:50	5/27/19 16:55	rl	EPA 200.8 Rev. 5.4
Lead	0.0039 mg/L	0.015	5/21/19 11:50	5/27/19 16:55	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E541-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1766 #2 (1105 Warren Pl.)	5/16/19 6:01	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.37 mg/L	1.3	5/21/19 11:50	5/27/19 16:56	rl	EPA 200.8 Rev. 5.4
Lead	0.0076 mg/L	0.015	5/21/19 11:50	5/27/19 16:56	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 28, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E541-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1767 #1 (102 Gilkison Ave.)	5/16/19 7:42	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.79 mg/L	1.3	5/21/19 11:50	5/27/19 16:57	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/21/19 11:50	5/27/19 16:57	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E541-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1767 #2 (102 Gilkison Ave.)	5/16/19 7:43	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.20 mg/L	1.3	5/21/19 11:50	5/27/19 16:59	rl	EPA 200.8 Rev. 5.4
Lead	0.0029 mg/L	0.015	5/21/19 11:50	5/27/19 16:59	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E541-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1768 #1 (1208 Warren Pl.)	5/16/19 8:10	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	5/21/19 11:50	5/27/19 17:00	rl	EPA 200.8 Rev. 5.4
Lead	0.0029 mg/L	0.015	5/21/19 11:50	5/27/19 17:00	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 28, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E541-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1768 #2 (1208 Warren Pl.)	5/16/19 8:11	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/21/19 11:50	5/27/19 17:01	rl	EPA 200.8 Rev. 5.4
Lead	**0.016 mg/L**	**0.015**	5/21/19 11:50	5/27/19 17:01	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: T19E541-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1765 #1 (1102 Egelston)	5/17/19 5:16	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.072 mg/L	1.3	5/21/19 11:50	5/27/19 17:02	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/21/19 11:50	5/27/19 17:02	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E541-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1765 #2 (1102 Egelston)	5/17/19 5:17	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.13 mg/L	1.3	5/21/19 11:55	5/27/19 17:09	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/21/19 11:55	5/27/19 17:09	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 28, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E541-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1769 #1 (1509 E. Alcott St.)	5/17/19 8:10	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.46 mg/L	1.3	5/21/19 11:55	5/27/19 17:10	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/21/19 11:55	5/27/19 17:10	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E541-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1769 #2 (1509 E. Alcott St.)	5/17/19 8:11	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.32 mg/L	1.3	5/21/19 11:55	5/27/19 17:11	rl	EPA 200.8 Rev. 5.4
Lead	0.0017 mg/L	0.015	5/21/19 11:55	5/27/19 17:11	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E541-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1770 #1 (1216 Summit Ave.)	5/17/19 8:38	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.081 mg/L	1.3	5/21/19 11:55	5/27/19 17:13	rl	EPA 200.8 Rev. 5.4
Lead	0.0014 mg/L	0.015	5/21/19 11:55	5/27/19 17:13	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 28, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E541-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1770 #2 (1216 Summit Ave.)	5/17/19 8:39	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/21/19 11:55	5/27/19 17:14	rl	EPA 200.8 Rev. 5.4
Lead	0.0037 mg/L	0.015	5/21/19 11:55	5/27/19 17:14	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E541-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1774 #1 (605 Pinehurst)	5/17/19 6:42	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.71 mg/L	1.3	5/21/19 11:55	5/27/19 17:15	rl	EPA 200.8 Rev. 5.4
Lead	0.0035 mg/L	0.015	5/21/19 11:55	5/27/19 17:15	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E541-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1774 #2 (605 Pinehurst)	5/17/19 6:43	dvd	*5/17/19 10:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.24 mg/L	1.3	5/21/19 11:55	5/27/19 17:17	rl	EPA 200.8 Rev. 5.4
Lead	0.0080 mg/L	0.015	5/21/19 11:55	5/27/19 17:17	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone | 888-979-4469 Fax | www.trace-labs.com
Trace Analytical Laboratories, Inc. | 2241 Black Creek Road | Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 119E541

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JS
Checked By:	CM
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	5/16/19	1837	LCS-1735 #1 30 EDGEMOOR AVE.	N	D	1			X				X	*All bottles	?
2	5/16/19	1838	LCS-1735 #2 30 EDGEMOOR AVE.	N	D	1			X				X	are 1 liter	↓
3	5/16/19	0640	LCS-1764 #1 1525 MERRILL ST.	N	D	1			X				X	and preserved	
4	5/16/19	0641	LCS-1764 #2 1525 MERRILL ST.	N	D	1			X				X	to pH < 2	
5	5/16/19	0600	LCS-1766 #1 1105 WARREN PL.	N	D	1			X				X		
6	5/16/19	0601	LCS-1766 #2 1105 WARREN PL.	N	D	1			X				X	*All samples	
7	5/16/19	0742	LCS-1767 #1 102 GILKISON AVE.	N	D	1			X				X	are part of	
8	5/16/19	0743	LCS-1767 #2 102 GILKISON AVE	N	D	1			X				X	Kalamazoo's	
9	5/16/19	0810	LCS-1768 #1 1208 WARREN PL.	N	D	1			X				X	lead and copper	
10	5/16/19	0811	LCS-1768 #2 1208 WARREN PL	N	D	1			X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	5-17-19	10:15	2) [signature]	[signature]	5/20/19	9:42
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T7E541

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JS
Checked By:
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	5/17/19	0516	LCS- 1765 #1 1102 EGLESTON	N	D	1			x				X	*All bottles	?
12	5/17/19	0517	LCS- 1765 #2 1102 EGLESTON	N	D	1			x				X	are 1 liter	↓
13	5/17/19	0810	LCS- 1769 #1 1509 E ALCOTT ST	N	D	1			X				X	and preserved	
14	5/17/19	0811	LCS- 1769 #2 1509 E ALCOTT ST	N	D	1			X				X	to pH < 2	
15	5/17/19	0838	LCS- 1770 #1 1216 SUMMIT AVE	N	D	1			X				X		
16	5/17/19	0839	LCS- 1770 #2 1216 SUMMIT AVE	N	D	1			X				X	*All samples	
17	5/17/19	0642	LCS- 1774 #1 605 PINEHURST	N	D	1			X				X	are part of	
18	5/17/19	0643	LCS- 1774 #2 605 PINEHURST	N	D	1			X				X	Kalamazoo's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			5/17/19	11:15	2)		5/20/19	9:47
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E541 Date: 05/20/19 Package Description: Cooler Temperature: 23.0
Client Name: City of Kalamazoo Time: 17:45 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [X] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]
Ice still present upon receipt (circle one):
Yes (No) N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C
Representative Sample Temperature: 6.8 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)
Melt Water: 23.0 °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X		X	CM 05/20/19
Correct preservative added to samples?			X	
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?			X	
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E749-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1778 #1 (1407 Fulton St.)	5/22/19 15:14	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.8 mg/L**	**1.3**	5/30/19 10:33	6/3/19 17:48	rl	**EPA 200.8 Rev. 5.4**
Lead	0.0036 mg/L	0.015	5/30/19 10:33	6/3/19 17:48	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1778 #2 (1407 Fulton St.)	5/22/19 15:15	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.34 mg/L	1.3	5/30/19 10:33	6/3/19 17:49	rl	EPA 200.8 Rev. 5.4
Lead	0.0046 mg/L	0.015	5/30/19 10:33	6/3/19 17:49	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1788 #1 (2308 Oakland Dr.)	5/23/19 6:42	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.31 mg/L	1.3	5/30/19 10:33	6/3/19 17:53	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 10:33	6/3/19 17:53	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E749-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1788 #2 (2308 Oakland Dr.)	5/23/19 6:43	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.38 mg/L	1.3	5/30/19 10:33	6/3/19 17:55	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	5/30/19 10:33	6/3/19 17:55	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1790 #1 (915 Arthur Ave)	5/23/19 7:40	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.042 mg/L	1.3	5/30/19 10:33	6/3/19 17:56	rl	EPA 200.8 Rev. 5.4
Lead	0.0033 mg/L	0.015	5/30/19 10:33	6/3/19 17:56	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1790 #2 (915 Arthur Ave)	5/23/19 7:41	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/30/19 10:33	6/3/19 17:57	rl	EPA 200.8 Rev. 5.4
Lead	0.0046 mg/L	0.015	5/30/19 10:33	6/3/19 17:57	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E749-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1793 #1 (1716 Baker Dr.)	5/23/19 13:02	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.042 mg/L	1.3	5/30/19 10:33	6/3/19 17:59	rl	EPA 200.8 Rev. 5.4
Lead	0.0031 mg/L	0.015	5/30/19 10:33	6/3/19 17:59	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1793 #2 (1716 Baker Dr.)	5/23/19 13:03	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/30/19 10:33	6/3/19 18:00	rl	EPA 200.8 Rev. 5.4
Lead	**0.024 mg/L**	**0.015**	5/30/19 10:33	6/3/19 18:00	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: T19E749-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1794 #1 (1019 Lay Blvd.)	5/23/19 15:08	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.050 mg/L	1.3	5/30/19 10:33	6/3/19 18:01	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 10:33	6/3/19 18:01	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E749-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1794 #2 (1019 Lay Blvd.)	5/23/19 15:09	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	5/30/19 10:33	6/3/19 18:02	rl	EPA 200.8 Rev. 5.4
Lead	**0.15 mg/L**	**0.015**	5/30/19 10:33	6/3/19 18:02	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: T19E749-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1800#1 (907 Lay Blvd.)	5/24/19 6:40	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.18 mg/L	1.3	5/30/19 10:33	6/3/19 18:04	rl	EPA 200.8 Rev. 5.4
Lead	0.0026 mg/L	0.015	5/30/19 10:33	6/3/19 18:04	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1800#2 (907 Lay Blvd.)	5/24/19 0:41	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.038 mg/L	1.3	5/30/19 10:33	6/3/19 18:05	rl	EPA 200.8 Rev. 5.4
Lead	0.0018 mg/L	0.015	5/30/19 10:33	6/3/19 18:05	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E749-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1797#1 (1024 Palmer Ave)	5/24/19 8:33	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.34 mg/L	1.3	5/30/19 10:33	6/3/19 18:09	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	5/30/19 10:33	6/3/19 18:09	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E749-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1797#2 (1024 Palmer Ave)	5/24/19 8:34	dvd	*5/24/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.10 mg/L	1.3	5/30/19 10:33	6/3/19 18:10	rl	EPA 200.8 Rev. 5.4
Lead	0.0018 mg/L	0.015	5/30/19 10:33	6/3/19 18:10	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. TE 749

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JS
Checked By: MB
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; Ol = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Analysis Requested

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Lead and copper	Remarks	Possible Health Hazards?
1	5/22/19	1514	LCS-1778 #1 1407 Fulton St.	N	D	1			x				X	*All bottles	?
2	5/22/19	1515	LCS-1778 #2 1407 Fulton St.	N	D	1			x				X	are 1 liter	↓
3	5/23/19	0642	LCS-1788 #1 2308 Oakland Dr	N	D	1			x				X	and preserved	
4	5/23/19	0643	LCS-1788 #2 2308 Oakland Dr	N	D	1			x				X	to pH < 2	
5	5/23/19	0740	LCS-1790 #1 915 Arthur Ave	N	D	1			x				X		
6	5/23/19	0741	LCS-1790 #2 915 Arthur Ave	N	D	1			x				X	*All samples	
7	5/23/19	1302	LCS-1793 #1 1716 Baker Dr.	N	D	1			x				X	are part of	
8	5/23/19	1303	LCS-1793 #2 1716 Baker Dr.	N	D	1			x				X	Kalamazoo's	
9	5/23/19	1508	LCS-1794 #1 1019 Lay Blvd	N	D	1			x				X	lead and copper	
10	5/23/19	1509	LCS-1794 #2 1019 Lay Blvd	N	D	1			x				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	5/24/19	11am	2) [signature]	[signature]	5-24-19	17:26
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19E749

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JS
Checked By:	
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

** Requires Prior Approval*

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Analysis Requested

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Lead and copper	Remarks	Possible Health Hazards?
11	5/24/19	0640	LCS-~~1797~~ 1800 #1 907 LAY BLVD	N	D	1			x				X	*All bottles	?
12	5/24/19	0641	LCS-~~1797~~ 1800 #2 907 LAY BLVD	N	D	1			x				X	are 1 liter	↓
13	5/24/19	0833	LCS-1797 #1 1024 PALMER AVE	N	D	1			x				X	and preserved	
14	5/24/19	0834	LCS-1797 #2 1024 PALMER AVE	N	D	1			x				X	to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Kalamazoo's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	5/24/19	11am	2) [signature]	[signature]	5-24-19	17:26
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E749 Date: 5/28/19 Package Description: Cooler Temperature: 4.7

Client Name: Kalamazoo, City of Time: 10:34 Logged in by: JB

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: Jimmy Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 5.7 °C (check one below)

[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: none °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC862115
[ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1798 #1 (124 W. Vine St.)	5/24/19 17:41	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.043 mg/L	1.3	5/30/19 13:16	6/6/19 15:34	rl	EPA 200.8 Rev. 5.4
Lead	0.0030 mg/L	0.015	5/30/19 13:16	6/6/19 15:34	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1798 #2 (124 W. Vine St.)	5/24/19 17:42	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/30/19 13:16	6/6/19 15:35	rl	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:35	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1802 #1 (1912 Commonwealth)	5/24/19 7:39	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.68 mg/L	1.3	5/30/19 13:16	6/6/19 15:36	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:36	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1802 #2 (1912 Commonwealth)	5/24/19 7:40	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	5/30/19 13:16	6/6/19 15:37	rl	EPA 200.8 Rev. 5.4
Lead	0.0023 mg/L	0.015	5/30/19 13:16	6/6/19 15:37	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1806 #1 (2145 Waite Ave.)	5/28/19 7:11	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.99 mg/L	1.3	5/30/19 13:16	6/6/19 15:39	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:39	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1806 #2 (2145 Waite Ave.)	5/28/19 7:12	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.22 mg/L	1.3	5/30/19 13:16	6/6/19 15:40	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:40	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1808 #1 (1922 Commonwealth)	5/27/19 8:01	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.42 mg/L	1.3	5/30/19 13:16	6/6/19 15:41	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:41	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1808 #2 (1922 Commonwealth)	5/27/19 8:02	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.61 mg/L	1.3	5/30/19 13:16	6/6/19 15:42	rl	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:42	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1807 #1 (1818 Buena Vista)	5/29/19 6:50	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.096 mg/L	1.3	5/30/19 13:16	6/6/19 15:46	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:46	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1807 #2 (1818 Buena Vista)	5/29/19 6:51	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/30/19 13:16	6/6/19 15:47	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:47	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1801 #1 (2224 Tipperary Rd.)	5/28/19 16:16	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.28 mg/L	1.3	5/30/19 13:16	6/6/19 15:49	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:49	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1801 #2 (2224 Tipperary Rd.)	5/28/19 16:17	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.041 mg/L	1.3	5/30/19 13:16	6/6/19 15:50	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:50	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0022-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1811 #1 (1307 S. Burdick St.)	5/30/19 11:10	dvd	*5/31/19 11:03*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.33 mg/L	1.3	6/5/19 11:09	6/6/19 16:09	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/5/19 11:09	6/6/19 16:09	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0022-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1811 #2 (1307 S. Burdick St.)	5/30/19 11:11	dvd	*5/31/19 11:03*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.070 mg/L	1.3	6/5/19 11:09	6/6/19 16:10	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/5/19 11:09	6/6/19 16:10	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0022-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1813 #1 (428 Wealthy St.)	5/30/19 6:38	dvd	*5/31/19 11:03*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.96 mg/L	1.3	6/5/19 11:09	6/6/19 16:11	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/5/19 11:09	6/6/19 16:11	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0022-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1813 #2 (428 Wealthy St.)	5/30/19 6:39	dvd	*5/31/19 11:03*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.22 mg/L	1.3	6/5/19 11:09	6/6/19 16:12	rl	EPA 200.8 Rev. 5.4
Lead	0.0028 mg/L	0.015	6/5/19 11:09	6/6/19 16:12	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0022-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1814 #1 (211 Parkwood Dr.)	5/30/19 8:39	dvd	*5/31/19 11:03*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.3 mg/L**	**1.3**	6/5/19 11:09	6/6/19 16:14	rl	**EPA 200.8 Rev. 5.4**
Lead	0.0013 mg/L	0.015	6/5/19 11:09	6/6/19 16:14	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0022-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1814 #2 (211 Parkwood Dr.)	5/30/19 8:40	dvd	*5/31/19 11:03*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.37 mg/L	1.3	6/5/19 11:09	6/6/19 16:17	rl	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	6/5/19 11:09	6/6/19 16:17	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0022-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1816 #1 (1630 Merrill St.)	5/31/19 10:08	dvd	*5/31/19 11:03*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.4 mg/L**	**1.3**	6/5/19 11:09	6/6/19 16:19	rl	**EPA 200.8 Rev. 5.4**
Lead	<0.0010 mg/L	0.015	6/5/19 11:09	6/6/19 16:19	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0022-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1816 #2 (1630 Merrill St.)	5/31/19 10:09	dvd	*5/31/19 11:03*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.60 mg/L	1.3	6/5/19 11:09	6/6/19 16:20	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/5/19 11:09	6/6/19 16:20	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of _____

Trace ID No. 19F0044 22

33 6/4/19

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	MB
Checked By:	JS
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- ☒ Standard
- ☐ 4 Day*
- ☐ 3 Day*
- ☐ 48 Hour*
- ☐ 24 Hour*

** Requires Prior Approval*

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Analysis Requested

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Lead and copper	Remarks	Possible Health Hazards?
1	5/30/19	1110	LCS-1811 #1 1307 S Burdick St	N	D	1			X				X	*All bottles	?
2	5/30/19	1111	LCS-1811 #2 1307 S Burdick St.	N	D	1			X				X	are 1 liter	↓
3	5/30/19	0638	LCS-1813 #1 428 Wealthy St.	N	D	1			X				X	and preserved	
4	5/30/19	0639	LCS-1813 #2 428 Wealthy St.	N	D	1			X				X	to pH < 2	
5	5/30/19	0839	LCS-1814 #1 211 Parkwood Dr.	N	D	1			X				X		
6	5/30/19	0840	LCS-1814 #2 211 Parkwood Dr.	N	D	1			X				X	*All samples	
7	5/31/19	1008	LCS-1816 #1 1630 Merrill St.	N	D	1			X				X	are part of	
8	5/31/19	1009	LCS-1816 #2 1630 Merrill St.	N	D	1			X				X	Kalamazoo's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
	1)		5-31-19	11:03	2)		5-3-19	12:21
	3)				4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

3/6/19 SAMPLE LOG IN CHECKLIST

Trace ID #: 19F0019[illegible]22 Date: 6-3-19 Package Description: Cooler Temperature: 2.6

Client Name: Kalamazoo Time: 12:21 Logged In by: MB

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 2.4 °C (check one below)

[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: 12.9 °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	[X]	[ ]	[ ]	
Each sample point is in a sealed plastic bag?	[ ]	[ ]	[X]	
Labels filled out completely?	[X]	[ ]	[ ]	
All bottle labels agree with Chain of Custody (COC)?	[X]	[ ]	[ ]	
Sufficient sample to run tests requested?	[X]	[ ]	[ ]	
*pH checked and samples at correct pH?	[X]	[ ]	[ ]	
Correct chemical preservative added to samples?	[X]	[ ]	[ ]	
Air bubbles absent from VOAs?	[ ]	[ ]	[X]	
COC filled out properly and signed by client?	[X]	[ ]	[ ]	
COC signed in by TRACE sample custodian?	[X]	[ ]	[ ]	
Was project manager called and samples discussed?	[ ]	[ ]	[X]	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115
[ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1803 #1 (1115 Crown St.)	5/28/19 18:19	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.27 mg/L	1.3	5/30/19 13:16	6/6/19 15:51	rl	EPA 200.8 Rev. 5.4
Lead	0.0040 mg/L	0.015	5/30/19 13:16	6/6/19 15:51	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1803 #2 (1115 Crown St.)	5/28/19 18:20	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	5/30/19 13:16	6/6/19 15:52	rl	EPA 200.8 Rev. 5.4
Lead	0.0051 mg/L	0.015	5/30/19 13:16	6/6/19 15:52	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1809 #1 (1732 S. Rose St.)	5/29/19 10:35	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	5/30/19 13:16	6/6/19 15:54	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:54	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1809 #2 (1732 S. Rose St.)	5/29/19 10:36	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	5/30/19 13:16	6/6/19 15:55	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:55	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1810 #1 (2103 Briar Pl.)	5/29/19 6:14	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.7 mg/L**	**1.3**	5/30/19 13:16	6/6/19 15:56	rl	**EPA 200.8 Rev. 5.4**
Lead	0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:56	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1810 #2 (2103 Briar Pl.)	5/29/19 6:15	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.069 mg/L	1.3	5/30/19 13:16	6/6/19 15:57	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:57	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-19

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1812 #1 (308 Creston Ave.)	5/29/19 10:00	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.56 mg/L	1.3	5/30/19 13:16	6/6/19 16:01	rl	EPA 200.8 Rev. 5.4
Lead	0.0013 mg/L	0.015	5/30/19 13:16	6/6/19 16:01	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-20

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1812 #2 (308 Creston Ave.)	5/29/19 10:01	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.055 mg/L	1.3	5/30/19 13:16	6/6/19 16:02	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 16:02	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19E843

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: IS
Checked By: CM.
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

*Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)
Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	5/24/19	1741	LCS-1798 #1 124 W VINE ST	N	D	1			X				X	*All bottles	?
2	5/24/19	1742	LCS-1798 #2 124 W VINE ST	N	D	1			X				X	are 1 liter	↓
3	5/27/19	0739	LCS-1802 #1 1912 COMMONWEALTH	N	D	1			X				X	and preserved	
4	5/27/19	0740	LCS-1802 #2 1912 COMMONWEALTH	N	D	1			X				X	to pH < 2	
5	5/28/19	0711	LCS-1806 #1 2145 WAITE AVE	N	D	1			X				X		
6	5/28/19	0712	LCS-1806 #2 2145 WAITE AVE	N	D	1			X				X	*All samples	
7	5/27/19	0801	LCS-1808 #1 1922 COMMONWEALTH	N	D	1			X				X	are part of	
8	5/27/19	0802	LCS-1808 #2 1922 COMMONWEALTH	N	D	1			X				X	Kalamazoo's	
9	5/29/19	0650	LCS-1807 #1 1818 BUENA VISTA	N	D	1			X				X	lead and copper	
10	5/29/19	0651	LCS-1807 #2 1818 BUENA VISTA	N	D	1			X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			5-29-19	15:35	2)		5/30/19	11:23
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T15843

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By: IS
Checked By: CM.
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

** Requires Prior Approval*

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: (use addresses in client sample ID)
Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	5/28/19	1616	LCS-1801 #1 2224 Tipperary Rd	N	D	1			X				X	*All bottles	?
12	5/28/19	1617	LCS-1801 #2 2224 Tipperary Rd	N	D	1			X				X	are 1 liter	↓
13	5/28/19	1819	LCS-1803 #1 1115 Crown St.	N	D	1			X				X	and preserved	
14	5/28/19	1820	LCS-1803 #2 1115 Crown St.	N	D	1			X				X	to pH < 2	
15	5/29/19	1035	LCS-1809 #1 1732 S. Rose St.	N	D	1			X				X		
16	5/29/19	1036	LCS-1809 #2 1732 S Rose St.	N	D	1			X				X	*All samples	
17	5/29/19	0614	LCS-1810 #1 2103 Briar Pl.	N	D	1			X				X	are part of	
18	5/29/19	0615	LCS-1810 #2 2103 Briar Pl.	N	D	1			X				X	Kalamazoo's	
19	5/29/19	1000	LCS-1812 #1 308 Creston Ave	N	D	1			X				X	lead and copper	
20	5/29/19	1001	LCS-1812 #2 308 Creston Ave	N	D	1			X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			5-29-19	1535	2)		5/30/19	11:23
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E843 Date: 5/30/19 Package Description: Cooler Temperature: 5.9

Client Name: City of Kalamazoo Time: 11:23 Logged in by: JB

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [X] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [ ]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [X]

Ice still present upon receipt (circle one):
Yes (No) N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 7.8 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?			X	
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1798 #1 (124 W. Vine St.)	5/24/19 17:41	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.043 mg/L	1.3	5/30/19 13:16	6/6/19 15:34	rl	EPA 200.8 Rev. 5.4
Lead	0.0030 mg/L	0.015	5/30/19 13:16	6/6/19 15:34	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1798 #2 (124 W. Vine St.)	5/24/19 17:42	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/30/19 13:16	6/6/19 15:35	rl	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:35	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1802 #1 (1912 Commonwealth)	5/24/19 7:39	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.68 mg/L	1.3	5/30/19 13:16	6/6/19 15:36	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:36	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1802 #2 (1912 Commonwealth)	5/24/19 7:40	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	5/30/19 13:16	6/6/19 15:37	rl	EPA 200.8 Rev. 5.4
Lead	0.0023 mg/L	0.015	5/30/19 13:16	6/6/19 15:37	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1806 #1 (2145 Waite Ave.)	5/28/19 7:11	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.99 mg/L	1.3	5/30/19 13:16	6/6/19 15:39	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:39	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1806 #2 (2145 Waite Ave.)	5/28/19 7:12	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.22 mg/L	1.3	5/30/19 13:16	6/6/19 15:40	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:40	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1808 #1 (1922 Commonwealth)	5/27/19 8:01	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.42 mg/L	1.3	5/30/19 13:16	6/6/19 15:41	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:41	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1808 #2 (1922 Commonwealth)	5/27/19 8:02	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.61 mg/L	1.3	5/30/19 13:16	6/6/19 15:42	rl	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:42	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1807 #1 (1818 Buena Vista)	5/29/19 6:50	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.096 mg/L	1.3	5/30/19 13:16	6/6/19 15:46	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:46	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1807 #2 (1818 Buena Vista)	5/29/19 6:51	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/30/19 13:16	6/6/19 15:47	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:47	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1801 #1 (2224 Tipperary Rd.)	5/28/19 16:16	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.28 mg/L	1.3	5/30/19 13:16	6/6/19 15:49	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:49	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1801 #2 (2224 Tipperary Rd.)	5/28/19 16:17	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.041 mg/L	1.3	5/30/19 13:16	6/6/19 15:50	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:50	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1803 #1 (1115 Crown St.)	5/28/19 18:19	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.27 mg/L	1.3	5/30/19 13:16	6/6/19 15:51	rl	EPA 200.8 Rev. 5.4
Lead	0.0040 mg/L	0.015	5/30/19 13:16	6/6/19 15:51	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1803 #2 (1115 Crown St.)	5/28/19 18:20	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	5/30/19 13:16	6/6/19 15:52	rl	EPA 200.8 Rev. 5.4
Lead	0.0051 mg/L	0.015	5/30/19 13:16	6/6/19 15:52	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1809 #1 (1732 S. Rose St.)	5/29/19 10:35	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	5/30/19 13:16	6/6/19 15:54	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:54	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1809 #2 (1732 S. Rose St.)	5/29/19 10:36	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	5/30/19 13:16	6/6/19 15:55	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:55	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1810 #1 (2103 Briar Pl.)	5/29/19 6:14	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.7 mg/L**	**1.3**	5/30/19 13:16	6/6/19 15:56	rl	**EPA 200.8 Rev. 5.4**
Lead	0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:56	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1810 #2 (2103 Briar Pl.)	5/29/19 6:15	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.069 mg/L	1.3	5/30/19 13:16	6/6/19 15:57	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 15:57	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Free Service

TRACE ID: T19E843-19

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1812 #1 (308 Creston Ave.)	5/29/19 10:00	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.56 mg/L	1.3	5/30/19 13:16	6/6/19 16:01	rl	EPA 200.8 Rev. 5.4
Lead	0.0013 mg/L	0.015	5/30/19 13:16	6/6/19 16:01	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E843-20

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1812 #2 (308 Creston Ave.)	5/29/19 10:01	dvd	*5/30/19 11:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.055 mg/L	1.3	5/30/19 13:16	6/6/19 16:02	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/30/19 13:16	6/6/19 16:02	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19E843

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: IS
Checked By: CM.
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

*Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)
Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	5/24/19	1741	LCS-1798 #1 124 W VINE ST	N	D	1			X				X	*All bottles	?
2	5/24/19	1742	LCS-1798 #2 124 W VINE ST	N	D	1			X				X	are 1 liter	↓
3	5/27/19	0739	LCS-1802 #1 1912 COMMONWEALTH	N	D	1			X				X	and preserved	
4	5/27/19	0740	LCS-1802 #2 1912 COMMONWEALTH	N	D	1			X				X	to pH < 2	
5	5/28/19	0711	LCS-1806 #1 2145 WAITE AVE	N	D	1			X				X		
6	5/28/19	0712	LCS-1806 #2 2145 WAITE AVE	N	D	1			X				X	*All samples	
7	5/27/19	0801	LCS-1808 #1 1922 COMMONWEALTH	N	D	1			X				X	are part of	
8	5/27/19	0802	LCS-1808 #2 1922 COMMONWEALTH	N	D	1			X				X	Kalamazoo's	
9	5/29/19	0650	LCS-1807 #1 1818 BUENA VISTA	N	D	1			X				X	lead and copper	
10	5/29/19	0651	LCS-1807 #2 1818 BUENA VISTA	N	D	1			X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			5-29-19	15:35	2)		5/30/19	11:23
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T15843

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By: IS
Checked By: CM.
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

** Requires Prior Approval*

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: (use addresses in client sample ID)
Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	5/28/19	1616	LCS-1801 #1 2224 Tipperary Rd	N	D	1			X				X	*All bottles	?
12	5/28/19	1617	LCS-1801 #2 2224 Tipperary Rd	N	D	1			X				X	are 1 liter	↓
13	5/28/19	1819	LCS-1803 #1 1115 Crown St.	N	D	1			X				X	and preserved	
14	5/28/19	1820	LCS-1803 #2 1115 Crown St.	N	D	1			X				X	to pH < 2	
15	5/29/19	1035	LCS-1809 #1 1732 S. Rose St.	N	D	1			X				X		
16	5/29/19	1036	LCS-1809 #2 1732 S Rose St.	N	D	1			X				X	*All samples	
17	5/29/19	0614	LCS-1810 #1 2103 Briar Pl.	N	D	1			X				X	are part of	
18	5/29/19	0615	LCS-1810 #2 2103 Briar Pl.	N	D	1			X				X	Kalamazoo's	
19	5/29/19	1000	LCS-1812 #1 308 Creston Ave	N	D	1			X				X	lead and copper	
20	5/29/19	1001	LCS-1812 #2 308 Creston Ave	N	D	1			X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			5-29-19	1535	2)		5/30/19	11:23
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E843 Date: 5/30/19 Package Description: Cooler Temperature: 5.9

Client Name: City of Kalamazoo Time: 11:23 Logged in by: JB

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [X] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [ ]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [X]

Ice still present upon receipt (circle one):
Yes (No) N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 7.8 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?			X	
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1815 #1 (2520 S. Rose St.)	5/31/19 14:06	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	6/6/19 13:03	6/11/19 12:19	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	6/6/19 13:03	6/11/19 12:19	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1815 #2 (2520 S. Rose St.)	5/31/19 14:07	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.027 mg/L	1.3	6/6/19 13:03	6/11/19 12:20	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:20	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1817 #1 (4005 Andora Ave.)	6/3/19 6:13	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.43 mg/L	1.3	6/6/19 13:03	6/11/19 12:22	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:22	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1817 #2 (4005 Andora Ave.)	6/3/19 6:22	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.69 mg/L	1.3	6/6/19 13:03	6/11/19 12:23	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:23	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1819 #1 (1713 Fulton St.)	6/3/19 15:40	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.29 mg/L	1.3	6/6/19 13:03	6/11/19 12:24	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:24	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1819 #2 (1713 Fulton St.)	6/3/19 15:41	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.033 mg/L	1.3	6/6/19 13:03	6/11/19 12:26	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:26	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1821 #1 (220 W. Dunkley St.)	6/4/19 6:20	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:27	rl	EPA 200.8 Rev. 5.4
Lead	0.0069 mg/L	0.015	6/6/19 13:03	6/11/19 12:27	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1821 #2 (220 W. Dunkley St.)	6/4/19 6:21	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:28	rl	EPA 200.8 Rev. 5.4
Lead	0.011 mg/L	0.015	6/6/19 13:03	6/11/19 12:28	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1822 #1 (2314 Waverly St.)	6/4/19 6:48	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:30	rl	EPA 200.8 Rev. 5.4
Lead	0.0054 mg/L	0.015	6/6/19 13:03	6/11/19 12:30	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1822 #2 (2314 Waverly St.)	6/4/19 6:49	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:34	rl	EPA 200.8 Rev. 5.4
Lead	**0.058 mg/L**	**0.015**	6/6/19 13:03	6/11/19 12:34	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19F0119-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1824 #1 (1223 Cobb Ave.)	6/4/19 8:10	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:35	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:35	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1824 #2 (1223 Cobb Ave.)	6/4/19 8:11	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:36	rl	EPA 200.8 Rev. 5.4
Lead	0.0041 mg/L	0.015	6/6/19 13:03	6/11/19 12:36	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1818 #1 (2521 University Ave.)	6/4/19 15:06	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.057 mg/L	1.3	6/10/19 13:18	6/11/19 12:53	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 12:53	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1818 #2 (2521 University Ave.)	6/4/19 15:07	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/10/19 13:18	6/11/19 12:55	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 12:55	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1820 #1 (2731 Bronson Blvd.)	6/4/19 18:00	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	6/10/19 13:18	6/11/19 12:56	rl	EPA 200.8 Rev. 5.4
Lead	0.0011 mg/L	0.015	6/10/19 13:18	6/11/19 12:56	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1820 #2 (2731 Bronson Blvd.)	6/4/19 18:01	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.064 mg/L	1.3	6/10/19 13:18	6/11/19 13:00	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:00	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1825 #1 (923 S. Park St.)	6/5/19 6:40	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.80 mg/L	1.3	6/10/19 13:18	6/11/19 13:02	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:02	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1825 #2 (923 S. Park St.)	6/5/19 6:41	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.69 mg/L	1.3	6/10/19 13:18	6/11/19 13:03	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:03	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-19

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1826 #1 (2241 Tipperary Rd.)	6/5/19 8:18	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.92 mg/L	1.3	6/10/19 13:18	6/11/19 13:04	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:04	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-20

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1826 #2 (2241 Tipperary Rd.)	6/5/19 8:18	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.59 mg/L	1.3	6/10/19 13:18	6/11/19 13:06	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:06	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-21

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1828 #1 (1424 Fulton St.)	6/5/19 9:07	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	6/10/19 13:18	6/11/19 13:07	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:07	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-22

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1828 #2 (1424 Fulton St.)	6/5/19 9:08	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.069 mg/L	1.3	6/10/19 13:18	6/11/19 13:08	rl	EPA 200.8 Rev. 5.4
Lead	0.0065 mg/L	0.015	6/10/19 13:18	6/11/19 13:08	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-23

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1831 #1 (701 William St.)	6/5/19 7:06	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.059 mg/L	1.3	6/10/19 13:18	6/11/19 13:10	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:10	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-24

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1831 #2 (701 William St.)	6/5/19 7:07	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/10/19 13:18	6/11/19 13:11	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:11	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 3

Trace ID No. 19F0119

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JB
Checked By: MH
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; Oil = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID) Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	5/31/19	1406	LCS-1815 #1 2520 S ROSE ST	N	D	1			X				X	*All bottles	?
2	5/31/19	1407	LCS-1815 #2 2520 S ROSE ST.	N	D	1			X				X	are 1 liter	↓
3	6/3/19	0613	LCS-1817 #1 4005 ANDORA AVE.	N	D	1			X				X	and preserved	
4	6/3/19	0622	LCS-1817 #2 4005 ANDORA AVE	N	D	1			X				X	to pH < 2	
5	6/3/19	1540	LCS-1819 #1 1713 FULTON ST.	N	D	1			X				X		
6	6/3/19	1541	LCS-1819 #2 1713 FULTON ST.	N	D	1			X				X	*All samples	
7	6/4/19	0620	LCS-1821 #1 220 W. DUNKLEY ST	N	D	1			X				X	are part of	
8	6/4/19	0621	LCS-1821 #2 220 W. DUNKLEY ST	N	D	1			X				X	Kalamazoo's	
9	6/4/19	0648	LCS-1822 #1 2314 WAVERLY ST.	N	D	1			X				X	lead and copper	
10	6/4/19	0649	LCS-1822 #2 2314 WAVERLY ST.	N	D	1			X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	6-5-19	12:13	2) [signature]	[signature]	6/6/19	9:15
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. ~~19F0119~~ 6/5

Trace Use: 19F0119

Logged By:	JS
Checked By:	MMB
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab	
Sampling Time:	

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID) Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	6/4/19	0810	LCS-1824 #1 1223 COBB AVE	N	D	1			x				X	*All bottles	?
12	6/4/19	0811	LCS-1824 #2 1223 COBB AVE	N	D	1			x				X	are 1 liter	↓
	~~6/4/19~~	~~0833~~	~~LCS-1829 #1 513 LULU ST~~	~~N~~	~~D~~	~~1~~			~~x~~				~~X~~	and preserved	
	~~6/4/19~~	~~0834~~	~~LCS-1829 #2 513 LULU ST~~	~~N~~	~~D~~	~~1~~			~~x~~				~~X~~	to pH < 2	
13	6/4/19	1506	LCS-1818 #1 2521 UNIVERSITY AVE	N	D	1			x				X		
14	6/4/19	1507	LCS-1818 #2 2521 UNIVERSITY AVE	N	D	1			x				X	*All samples	
15	6/4/19	1800	LCS-1820 #1 2731 BRONSON BLVD	N	D	1			x				X	are part of	
16	6/4/19	1801	LCS-1820 #2 2731 BRONSON BLVD	N	D	1			x				X	Kalamazoo's	
17	6/5/19	0640	LCS-1825 #1 923 S PARK ST	N	D	1			x				X	lead and copper	
18	6/5/19	0641	LCS-1825 #2 923 S PARK ST	N	D	1			x				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			6-5-19	1213	2)		6/6/19	8:15
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 19F6119

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JS
Checked By:	MKB
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid
W = Water
SL = Sludge
Oil = Oil
WI = Wipes
LW = Liquid Waste
A = Air
D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
19	6/5/19	0818	LCS- 1826 #1 2241 TIPPERARY RD.	N	D	1			x				X	*All bottles	?
20	6/5/19	0818	LCS- 1826 #2 2241 TIPPERARY RD.	N	D	1			x				X	are 1 liter	↓
21	6/5/19	0907	LCS- 1828 #1 1424 FULTON ST.	N	D	1			x				X	and preserved	
22	6/5/19	0908	LCS- 1823 #2 1424 FULTON ST.	N	D	1			x				X	to pH < 2	
23	6/5/19	0706	LCS- 1831 #1 701 WILLIAM ST.	N	D	1			x				X		
24	6/5/19	0707	LCS- 1831 #2 701 WILLIAM ST	N	D	1			x				X	*All samples	
			LCS- #1											are part of	
			LCS- #2											Kalamazoo's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			6-5-19	12:14	2)		6/6/19	9:15
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19F0119 Date: 6/6/19 Package Description: Cooler Temperature: -1.1

Client Name: Kalamazoo, City of Time: 9:15 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [ ] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 4.9 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1815 #1 (2520 S. Rose St.)	5/31/19 14:06	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	6/6/19 13:03	6/11/19 12:19	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	6/6/19 13:03	6/11/19 12:19	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1815 #2 (2520 S. Rose St.)	5/31/19 14:07	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.027 mg/L	1.3	6/6/19 13:03	6/11/19 12:20	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:20	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1817 #1 (4005 Andora Ave.)	6/3/19 6:13	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.43 mg/L	1.3	6/6/19 13:03	6/11/19 12:22	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:22	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1817 #2 (4005 Andora Ave.)	6/3/19 6:22	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.69 mg/L	1.3	6/6/19 13:03	6/11/19 12:23	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:23	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1819 #1 (1713 Fulton St.)	6/3/19 15:40	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.29 mg/L	1.3	6/6/19 13:03	6/11/19 12:24	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:24	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1819 #2 (1713 Fulton St.)	6/3/19 15:41	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.033 mg/L	1.3	6/6/19 13:03	6/11/19 12:26	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:26	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1821 #1 (220 W. Dunkley St.)	6/4/19 6:20	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:27	rl	EPA 200.8 Rev. 5.4
Lead	0.0069 mg/L	0.015	6/6/19 13:03	6/11/19 12:27	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1821 #2 (220 W. Dunkley St.)	6/4/19 6:21	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:28	rl	EPA 200.8 Rev. 5.4
Lead	0.011 mg/L	0.015	6/6/19 13:03	6/11/19 12:28	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1822 #1 (2314 Waverly St.)	6/4/19 6:48	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:30	rl	EPA 200.8 Rev. 5.4
Lead	0.0054 mg/L	0.015	6/6/19 13:03	6/11/19 12:30	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1822 #2 (2314 Waverly St.)	6/4/19 6:49	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:34	rl	EPA 200.8 Rev. 5.4
Lead	**0.058 mg/L**	**0.015**	6/6/19 13:03	6/11/19 12:34	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19F0119-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1824 #1 (1223 Cobb Ave.)	6/4/19 8:10	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:35	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/6/19 13:03	6/11/19 12:35	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1824 #2 (1223 Cobb Ave.)	6/4/19 8:11	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/6/19 13:03	6/11/19 12:36	rl	EPA 200.8 Rev. 5.4
Lead	0.0041 mg/L	0.015	6/6/19 13:03	6/11/19 12:36	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1818 #1 (2521 University Ave.)	6/4/19 15:06	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.057 mg/L	1.3	6/10/19 13:18	6/11/19 12:53	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 12:53	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1818 #2 (2521 University Ave.)	6/4/19 15:07	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/10/19 13:18	6/11/19 12:55	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 12:55	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1820 #1 (2731 Bronson Blvd.)	6/4/19 18:00	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	6/10/19 13:18	6/11/19 12:56	rl	EPA 200.8 Rev. 5.4
Lead	0.0011 mg/L	0.015	6/10/19 13:18	6/11/19 12:56	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1820 #2 (2731 Bronson Blvd.)	6/4/19 18:01	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.064 mg/L	1.3	6/10/19 13:18	6/11/19 13:00	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:00	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1825 #1 (923 S. Park St.)	6/5/19 6:40	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.80 mg/L	1.3	6/10/19 13:18	6/11/19 13:02	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:02	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1825 #2 (923 S. Park St.)	6/5/19 6:41	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.69 mg/L	1.3	6/10/19 13:18	6/11/19 13:03	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:03	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-19

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1826 #1 (2241 Tipperary Rd.)	6/5/19 8:18	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.92 mg/L	1.3	6/10/19 13:18	6/11/19 13:04	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:04	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-20

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1826 #2 (2241 Tipperary Rd.)	6/5/19 8:18	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.59 mg/L	1.3	6/10/19 13:18	6/11/19 13:06	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:06	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-21

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1828 #1 (1424 Fulton St.)	6/5/19 9:07	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	6/10/19 13:18	6/11/19 13:07	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:07	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19F0119-22

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1828 #2 (1424 Fulton St.)	6/5/19 9:08	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.069 mg/L	1.3	6/10/19 13:18	6/11/19 13:08	rl	EPA 200.8 Rev. 5.4
Lead	0.0065 mg/L	0.015	6/10/19 13:18	6/11/19 13:08	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-23

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1831 #1 (701 William St.)	6/5/19 7:06	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.059 mg/L	1.3	6/10/19 13:18	6/11/19 13:10	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:10	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0119-24

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1831 #2 (701 William St.)	6/5/19 7:07	dvd	*6/5/19 12:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/10/19 13:18	6/11/19 13:11	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 13:11	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 3

Trace ID No. 19F0119

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JB
Checked By: MH
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; Oil = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID) Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	5/31/19	1406	LCS-1815 #1 2520 S ROSE ST	N	D	1			X				X	*All bottles	?
2	5/31/19	1407	LCS-1815 #2 2520 S ROSE ST.	N	D	1			X				X	are 1 liter	↓
3	6/3/19	0613	LCS-1817 #1 4005 ANDORA AVE.	N	D	1			X				X	and preserved	
4	6/3/19	0622	LCS-1817 #2 4005 ANDORA AVE	N	D	1			X				X	to pH < 2	
5	6/3/19	1540	LCS-1819 #1 1713 FULTON ST.	N	D	1			X				X		
6	6/3/19	1541	LCS-1819 #2 1713 FULTON ST.	N	D	1			X				X	*All samples	
7	6/4/19	0620	LCS-1821 #1 220 W. DUNKLEY ST	N	D	1			X				X	are part of	
8	6/4/19	0621	LCS-1821 #2 220 W. DUNKLEY ST	N	D	1			X				X	Kalamazoo's	
9	6/4/19	0648	LCS-1822 #1 2314 WAVERLY ST.	N	D	1			X				X	lead and copper	
10	6/4/19	0649	LCS-1822 #2 2314 WAVERLY ST.	N	D	1			X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	6-5-19	12:13	2) [signature]	[signature]	6/6/19	9:15
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. ~~19F0119~~ 6/5

Trace Use: 19F0119

Logged By:	JS
Checked By:	MMB
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab	
Sampling Time:	

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID) Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	6/4/19	0810	LCS-1824 #1 1223 COBB AVE	N	D	1			x				X	*All bottles	?
12	6/4/19	0811	LCS-1824 #2 1223 COBB AVE	N	D	1			x				X	are 1 liter	↓
	~~6/4/19~~	~~0833~~	~~LCS-1829 #1 513 LULU ST~~	~~N~~	~~D~~	~~1~~			~~x~~				~~X~~	and preserved	
	~~6/4/19~~	~~0834~~	~~LCS-1829 #2 513 LULU ST~~	~~N~~	~~D~~	~~1~~			~~x~~				~~X~~	to pH < 2	
13	6/4/19	1506	LCS-1818 #1 2521 UNIVERSITY AVE	N	D	1			x				X		
14	6/4/19	1507	LCS-1818 #2 2521 UNIVERSITY AVE	N	D	1			x				X	*All samples	
15	6/4/19	1800	LCS-1820 #1 2731 BRONSON BLVD	N	D	1			x				X	are part of	
16	6/4/19	1801	LCS-1820 #2 2731 BRONSON BLVD	N	D	1			x				X	Kalamazoo's	
17	6/5/19	0640	LCS-1825 #1 923 S PARK ST	N	D	1			x				X	lead and copper	
18	6/5/19	0641	LCS-1825 #2 923 S PARK ST	N	D	1			x				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			6-5-19	1213	2)		6/6/19	8:15
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 19F6119

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JS
Checked By:	MKB
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid
W = Water
SL = Sludge
Oil = Oil
WI = Wipes
LW = Liquid Waste
A = Air
D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
19	6/5/19	0818	LCS- 1826 #1 2241 TIPPERARY RD.	N	D	1			x				X	*All bottles	?
20	6/5/19	0818	LCS- 1826 #2 2241 TIPPERARY RD.	N	D	1			x				X	are 1 liter	↓
21	6/5/19	0907	LCS- 1828 #1 1424 FULTON ST.	N	D	1			x				X	and preserved	
22	6/5/19	0908	LCS- 1823 #2 1424 FULTON ST.	N	D	1			x				X	to pH < 2	
23	6/5/19	0706	LCS- 1831 #1 701 WILLIAM ST.	N	D	1			x				X		
24	6/5/19	0707	LCS- 1831 #2 701 WILLIAM ST	N	D	1			x				X	*All samples	
			LCS- #1											are part of	
			LCS- #2											Kalamazoo's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			6-5-19	12:14	2)		6/6/19	9:15
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19F0119 Date: 6/6/19 Package Description: Cooler Temperature: -1.1

Client Name: Kalamazoo, City of Time: 9:15 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [ ] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 4.9 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 18, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0209-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1827 #1 (607 W. North St.)	6/7/19 8:30	dvd	*6/7/19 12:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/17/19 12:11	6/17/19 16:07	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 12:11	6/17/19 16:07	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0209-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1827 #2 (607 W. North St.)	6/7/19 8:31	dvd	*6/7/19 12:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.039 mg/L	1.3	6/17/19 12:11	6/17/19 16:08	rl	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	6/17/19 12:11	6/17/19 16:08	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0209-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1834 #1 (1115 Warren Pl.)	6/7/19 6:36	dvd	*6/7/19 12:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.18 mg/L	1.3	6/17/19 12:11	6/17/19 16:09	rl	EPA 200.8 Rev. 5.4
Lead	0.0025 mg/L	0.015	6/17/19 12:11	6/17/19 16:09	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 18, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0209-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1834 #2 (1115 Warren Pl.)	6/7/19 6:37	dvd	*6/7/19 12:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.063 mg/L	1.3	6/17/19 12:11	6/17/19 16:11	rl	EPA 200.8 Rev. 5.4
Lead	0.0048 mg/L	0.015	6/17/19 12:11	6/17/19 16:11	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0209-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1835 #1 (225 Old Orchard Pl.)	6/7/19 6:09	dvd	*6/7/19 12:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.046 mg/L	1.3	6/17/19 12:11	6/17/19 16:12	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 12:11	6/17/19 16:12	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0209-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1835 #2 (225 Old Orchard Pl.)	6/7/19 6:10	dvd	*6/7/19 12:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.038 mg/L	1.3	6/17/19 12:11	6/17/19 16:13	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 12:11	6/17/19 16:13	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 18, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0209-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1836 #1 (726 N. Dartmouth St.)	6/7/19 7:12	dvd	*6/7/19 12:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/17/19 12:11	6/17/19 16:15	rl	EPA 200.8 Rev. 5.4
Lead	0.0031 mg/L	0.015	6/17/19 12:11	6/17/19 16:15	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0209-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1836 #2 (726 N. Dartmouth St.)	6/7/19 7:13	dvd	*6/7/19 12:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/17/19 12:11	6/17/19 16:19	rl	EPA 200.8 Rev. 5.4
Lead	0.0027 mg/L	0.015	6/17/19 12:11	6/17/19 16:19	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. 196207

209 #3 6/10/19

Trace Use:

Logged By: JS

Checked By: MLP

Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab

Sampling Time:

Report Results To:

Company Name: City of Kalamazoo
Report To: Shannan Deater
Mailing Address: 1415 N Harrison Street
City, State, Zip Code: Kalamazoo, MI 49007
Office Phone: Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Turnaround Requirements:

☒ Standard ☐ 48 Hour* ☐ 4 Day* ☐ 24 Hour* ☐ 3 Day*

** Requires Prior Approval*

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	6/7/19	0330	LCS-1827 #1 607 W NORTH ST.	N	D	1			X				X	*All bottles	?
2	6/7/19	0331	LCS-1827 #2 607 W NORTH ST.	N	D	1			X				X	are 1 liter	↓
3	6/7/19	0636	LCS-1834 #1 1115 WARREN PL.	N	D	1			X				X	and preserved	
4	6/7/19	0637	LCS-1834 #2 1115 WARREN PL.	N	D	1			X				X	to pH < 2	
5	6/7/19	0609	LCS-1835 #1 225 OLD ORCHARD PL.	N	D	1			X				X		
6	6/7/19	0610	LCS-1835 #2 225 OLD ORCHARD PL	N	D	1			X				X	*All samples	
7	6/7/19	0712	LCS-1836 #1 726 N DARTMOUTH ST	N	D	1			X				X	are part of	
8	6/7/19	0713	LCS-1836 #2 726 N DARTMOUTH ST	N	D	1			X				X	Kalamazoo's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			6-7-19	12:57	2)		6/10/19	11:28
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19F0207 Date: 6.10.19 Package Description: cooler Temperature: 2.1
Client Name: Kalamazoo Time: 10:00 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]
Ice still present upon receipt (circle one): Yes No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C
Representative Sample Temperature: 5.7 °C (check one below)
[X] Temp Blank (Stick Thermometer)
[ ] Client Sample (IR Thermometer)
Melt Water: w/ice °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 18, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead / Copper (1120 Woodward)

TRACE ID: 19F0112-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1833 #1 (250ml)	6/5/19 11:55	dvd	*6/5/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.052 mg/L	1.3	6/10/19 13:18	6/11/19 12:51	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 12:51	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0112-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1833 #2 (250ml)	6/5/19 12:00	dvd	*6/5/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.025 mg/L	1.3	6/10/19 13:18	6/11/19 12:52	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/10/19 13:18	6/11/19 12:52	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. 19F0112

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N. Harrison St.	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 377-4753
Email Address:	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JB
Checked By: VHB
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; Ol = Oil; Wl = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: LEAD/COPPER (1120 WOODWARD) Sampled By: DVD

Analysis Requested: Lead and Copper

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Remarks	Possible Health Hazards?
1	6/5/19	1155	LCS-1833 #1 1 liter	N	D	1			X				pH<2	?
2	6/5/19	1156	LCS-1833 #2 1 liter	N	D	1			X				pH<2	?
3	6/5/19	1155	LCS-1833 #1 250 ml	N	D	1			X				pH<2	
4	6/5/19	1200	LCS-1833 #2 250 ml	N	D	1			X				pH<2	
													* PLEASE	
			*ONE SET WILL NOT BE										HOLD UNTIL	
			ANALYZED. PLEASE HOLD										VERIFIED	
			UNTIL CONFIRMED WHICH										WHICH BOTTLES	
			SIZE BOTTLE WILL BE										TO ANALYZE	
			SAVED & WHICH DUMPED.											

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			6-5-19	12:29	2)		6/6/19	9:15
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19F0117 Date: 6/6/19 Package Description: Cooler Temperature: -1.1

Client Name: Kalamazoo Time: 9:15 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [ ] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 4.9 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 20, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0462-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1837 #1 (121 W. Belmont)	6/13/19 6:00	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.093 mg/L	1.3	6/20/19 9:45	6/20/19 10:36	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/20/19 9:45	6/20/19 10:36	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0462-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1837 #2 (121 W. Belmont)	6/13/19 6:01	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.055 mg/L	1.3	6/20/19 9:45	6/20/19 10:37	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	6/20/19 9:45	6/20/19 10:37	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0462-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1852 #1 (2334 Waite Ave.)	6/12/19 17:06	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/20/19 9:45	6/20/19 10:39	rl	EPA 200.8 Rev. 5.4
Lead	0.0070 mg/L	0.015	6/20/19 9:45	6/20/19 10:39	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 20, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0462-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1852 #2 (2334 Waite Ave.)	6/12/19 17:07	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/20/19 9:45	6/20/19 10:40	rl	EPA 200.8 Rev. 5.4
Lead	0.0034 mg/L	0.015	6/20/19 9:45	6/20/19 10:40	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0462-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1856 #1 (1111 Jefferson Ave.)	6/13/19 17:22	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.39 mg/L	1.3	6/20/19 9:45	6/20/19 10:41	rl	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	6/20/19 9:45	6/20/19 10:41	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0462-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1856 #2 (1111 Jefferson Ave.)	6/13/19 17:23	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	6/20/19 9:45	6/20/19 10:42	rl	EPA 200.8 Rev. 5.4
Lead	0.0018 mg/L	0.015	6/20/19 9:45	6/20/19 10:42	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 20, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0462-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1859 #1 (2114 Dearborn Ave.)	6/14/19 6:40	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.31 mg/L	1.3	6/20/19 9:45	6/20/19 10:44	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/20/19 9:45	6/20/19 10:44	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0462-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1859 #2 (2114 Dearborn Ave.)	6/14/19 6:41	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.054 mg/L	1.3	6/20/19 9:45	6/20/19 10:48	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/20/19 9:45	6/20/19 10:48	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0462-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1860 #1 (923 Chicago Ave.)	6/14/19 7:35	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.18 mg/L	1.3	6/20/19 9:45	6/20/19 10:49	rl	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	6/20/19 9:45	6/20/19 10:49	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 20, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0462-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1860 #2 (923 Chicago Ave.)	6/14/19 7:36	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.21 mg/L	1.3	6/20/19 9:45	6/20/19 10:51	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/20/19 9:45	6/20/19 10:51	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 19F0462

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: IS
Checked By: WS
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- ☒ ~~Standard~~
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

Rush

* Requires Prior Approval

Matrix Key:

S = Soil / Solid	WI = Wipes
W = Water	LW = Liquid Waste
SL = Sludge	A = Air
OI = Oil	D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	6/13/19	0600	LCS- 1837 #1 121 W BELMONT ST.	N	D	1			x				X	*All bottles	?
2	6/13/19	0601	LCS- 1837 #2 121 W BELMONT ST.	N	D	1			x				X	are 1 liter	↓
3	6/12/19	1706	LCS- 1852 #1 2334 WAITE AVE.	N	D	1			x				X	and preserved	
4	6/12/19	1707	LCS- 1852 #2 2334 WAITE AVE.	N	D	1			x				X	to pH < 2	
5	6/13/19	1722	LCS- 1856 #1 1111 JEFFERSON AVE.	N	D	1			x				X		
6	6/13/19	1723	LCS- 1856 #2 1111 JEFFERSON AVE.	N	D	1			x				X	*All samples	
7	6/14/19	0640	LCS- 1859 #1 2114 DEARBORN AVE.	N	D	1			x				X	are part of	
8	6/14/19	0641	LCS- 1859 #2 2114 DEARBORN AVE.	N	D	1			x				X	Kalamazoo's	
9	6/14/19	0735	LCS- 1860 #1 923 CHICAGO AVE.	N	D	1			x				X	lead and copper	
10	6/14/19	0736	LCS- 1860 #2 923 CHICAGO AVE.	N	D	1			x				X	compliance	

Please Sign

	Released By	Received By	Date	Time
1)	[signature]	[signature]	6-14-19	1139
3)				

	Released By	Received By	Date	Time
2)	[signature]	[signature]	6/17/19	10:02
4)				

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 119F462 Date: 6/7/19 Package Description: Cooler Temperature: 0.3

Client Name: Kalamazoo, City of Time: 10:30 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: Jimmy Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 5.6 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: None °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 19F0368

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	MB
Checked By:	JS
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: (use addresses in client sample ID) Sampled By: DVD

	Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	6	6/11/19	1110	LCS-1845 #1 1006 LINTON ST.	N	D	1			X				X	*All bottles	?
12	6	6/11/19	1111	LCS-1845 #2 1006 LINTON ST.	N	D	1			X				X	are 1 liter	↓
13	7	6/12/19	0609	LCS-1839 #1 1218 WOODWARD AVE	N	D	1			X				X	and preserved	
14	7	6/12/19	0610	LCS-1839 #2 1218 WOODWARD AVE	N	D	1			X				X	to pH < 2	
15	8	6/12/19	0808	LCS-1840 #1 712 WHITES RD.	N	D	1			X				X		
16	8	6/12/19	0809	LCS-1840 #2 712 WHITES RD.	N	D	1			X				X	*All samples	
17	9	6/11/19	1509	LCS-1847 #1 2309 S WESTNEDGE AVE	N	D	1			X				X	are part of	
18	9	6/11/19	1510	LCS-1847 #2 2309 S WESTNEDGE AVE	N	D	1			X				X	Kalamazoo's	
19	10	6/12/19	0738	LCS-1851 #1 1021 WOODWARD AVE.	N	D	1			X				X	lead and copper	
20	10	6/12/19	0739	LCS-1851 #2 1021 WOODWARD AVE	N	D	1			X				X	compliance	

Please Sign

	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	Shannon		6-12-19	11:18	2)		6/13/19	1024
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19E0362 Date: 6/3/19 Package Description: cooler Temperature: 3.7
Client Name: Kalamazoo Time: 10:24 Logged in by: MB

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]
Ice still present upon receipt (circle one):
Yes (No) N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C
Representative Sample Temperature: 3.7 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)
Melt Water: 4.0 °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115
[ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0368-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1838 #1 224 W. Dankley St.	6/10/19 6:36	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/17/19 14:29	6/20/19 11:53	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 14:29	6/20/19 11:53	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1838 #2 224 W. Dankley St.	6/10/19 6:37	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/17/19 14:29	6/20/19 11:55	rl	EPA 200.8 Rev. 5.4
Lead	0.0070 mg/L	0.015	6/17/19 14:29	6/20/19 11:55	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1842 #1 1120 Palmer Ave.	6/10/19 15:07	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.40 mg/L	1.3	6/17/19 14:29	6/20/19 11:56	rl	EPA 200.8 Rev. 5.4
Lead	0.0043 mg/L	0.015	6/17/19 14:29	6/20/19 11:56	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0368-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1842 #2 1120 Palmer Ave.	6/10/19 15:09	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.037 mg/L	1.3	6/17/19 14:29	6/20/19 11:57	rl	EPA 200.8 Rev. 5.4
Lead	0.014 mg/L	0.015	6/17/19 14:29	6/20/19 11:57	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1843 #1 703 Whites Rd.	6/10/19 17:35	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.084 mg/L	1.3	6/17/19 14:29	6/20/19 11:59	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	6/17/19 14:29	6/20/19 11:59	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1843 #2 703 Whites Rd.	6/10/19 17:36	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.027 mg/L	1.3	6/17/19 14:29	6/20/19 12:00	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	6/17/19 14:29	6/20/19 12:00	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0368-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1846 #1 515 Clinton Ave.	6/11/19 6:38	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.50 mg/L	1.3	6/17/19 14:29	6/20/19 12:01	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 14:29	6/20/19 12:01	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1846 #2 515 Clinton Ave.	6/11/19 6:39	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.21 mg/L	1.3	6/17/19 14:29	6/20/19 12:03	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	6/17/19 14:29	6/20/19 12:03	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1849 #1 2121 Kenwood St.	6/11/19 7:07	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	6/17/19 14:29	6/20/19 12:07	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 14:29	6/20/19 12:07	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0368-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1849 #2 2121 Kenwood St.	6/11/19 7:08	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.070 mg/L	1.3	6/17/19 14:29	6/20/19 12:08	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 14:29	6/20/19 12:08	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1845 #1 1006 Linton St.	6/11/19 11:10	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.059 mg/L	1.3	6/17/19 14:29	6/20/19 12:10	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 14:29	6/20/19 12:10	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1845 #2 1006 Linton St.	6/11/19 11:11	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/17/19 14:29	6/20/19 12:11	rl	EPA 200.8 Rev. 5.4
Lead	0.0050 mg/L	0.015	6/17/19 14:29	6/20/19 12:11	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0368-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1839 #1 1218 Woodward Ave.	6/12/19 6:09	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.032 mg/L	1.3	6/17/19 14:29	6/20/19 12:12	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 14:29	6/20/19 12:12	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1839 #2 1218 Woodward Ave.	6/12/19 6:10	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/17/19 14:29	6/20/19 12:13	rl	EPA 200.8 Rev. 5.4
Lead	0.0021 mg/L	0.015	6/17/19 14:29	6/20/19 12:13	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1840 #1 712 Whites Rd.	6/12/19 8:08	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.13 mg/L	1.3	6/17/19 14:29	6/20/19 12:15	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 14:29	6/20/19 12:15	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0368-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1840 #2 712 Whites Rd.	6/12/19 8:09	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.034 mg/L	1.3	6/17/19 14:29	6/20/19 12:16	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 14:29	6/20/19 12:16	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1847 #1 2309 S. Westnedge Ave.	6/11/19 15:09	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.036 mg/L	1.3	6/17/19 14:29	6/20/19 12:17	rl	EPA 200.8 Rev. 5.4
Lead	0.0029 mg/L	0.015	6/17/19 14:29	6/20/19 12:17	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1847 #2 2309 S. Westnedge Ave.	6/11/19 15:10	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/17/19 14:29	6/20/19 12:19	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	6/17/19 14:29	6/20/19 12:19	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0368-19

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1851 #1 1021 Woodward Ave.	6/12/19 7:38	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.037 mg/L	1.3	6/17/19 14:29	6/20/19 12:23	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 14:29	6/20/19 12:23	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0368-20

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1851 #2 1021 Woodward Ave.	6/12/19 7:39	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.092 mg/L	1.3	6/17/19 14:29	6/20/19 12:24	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/17/19 14:29	6/20/19 12:24	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 19F0368

Report Results To:

Company Name: City of Kalamazoo
Report To: Shannan Deater
Mailing Address: 1415 N Harrison Street
City, State, Zip Code: Kalamazoo, MI 49007
Office Phone: Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: MB
Checked By: JB
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

☒ Standard ☐ 48 Hour* ☐ 4 Day* ☐ 24 Hour* ☐ 3 Day*
*Requires Prior Approval

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: (use addresses in client sample ID)
Sampled By: DVD

	Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	1	6/10/19	0636	LCS-1838 #1 224 W Dunkley St.	N	D	1			X				X	*All bottles are 1 liter and preserved to pH < 2	?
2	1	6/10/19	0637	LCS-1838 #2 224 W Dunkley St	N	D	1			X				X		↓
3	2	6/10/19	1507	LCS-1842 #1 1120 Palmer Ave.	N	D	1			X				X		
4	2	6/10/19	1509	LCS-1842 #2 1120 Palmer Ave.	N	D	1			X				X		
5	3	6/10/19	1735	LCS-1843 #1 703 Whites Rd.	N	D	1			X				X		
6	3	6/10/19	1736	LCS-1843 #2 703 Whites Rd.	N	D	1			X				X		
7	4	6/11/19	0638	LCS-1846 #1 515 Clinton Ave	N	D	1			X				X	*All samples are part of Kalamazoo's lead and copper compliance	
8	4	6/11/19	0639	LCS-1846 #2 515 Clinton Ave.	N	D	1			X				X		
9	5	6/11/19	0708	LCS-1849 #1 2121 Kenwood St.	N	D	1			X				X		
10	5	6/11/19	0708	LCS-1849 #2 2121 Kenwood St.	N	D	1			X				X		

Please Sign

	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			6-12-19	11:19	2)		6/13/19	1024
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 19F0368

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	MB
Checked By:	JS
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: (use addresses in client sample ID) Sampled By: DVD

	Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	6	6/11/19	1110	LCS-1845 #1 1006 LINTON ST.	N	D	1			X				X	*All bottles	?
12	6	6/11/19	1111	LCS-1845 #2 1006 LINTON ST.	N	D	1			X				X	are 1 liter	↓
13	7	6/12/19	0609	LCS-1839 #1 1218 WOODWARD AVE	N	D	1			X				X	and preserved	
14	7	6/12/19	0610	LCS-1839 #2 1218 WOODWARD AVE	N	D	1			X				X	to pH < 2	
15	8	6/12/19	0808	LCS-1840 #1 712 WHITES RD.	N	D	1			X				X		
16	8	6/12/19	0809	LCS-1840 #2 712 WHITES RD.	N	D	1			X				X	*All samples	
17	9	6/11/19	1509	LCS-1847 #1 2309 S WESTNEDGE AVE	N	D	1			X				X	are part of	
18	9	6/11/19	1510	LCS-1847 #2 2309 S WESTNEDGE AVE	N	D	1			X				X	Kalamazoo's	
19	10	6/12/19	0738	LCS-1851 #1 1021 WOODWARD AVE.	N	D	1			X				X	lead and copper	
20	10	6/12/19	0739	LCS-1851 #2 1021 WOODWARD AVE	N	D	1			X				X	compliance	

Please Sign

	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	Shannon		6-12-19	11:18	2)		6/13/19	1024
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19E0362 Date: 6/3/19 Package Description: cooler Temperature: 3.7
Client Name: Kalamazoo Time: 10:24 Logged in by: MB

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]
Ice still present upon receipt (circle one):
Yes (No) N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C
Representative Sample Temperature: 3.7 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)
Melt Water: 4.0 °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115
[ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0604-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1854 # 1 2411 E. Main St	6/14/19 17:21	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	6/21/19 14:40	6/24/19 17:39	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 17:39	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1854 # 2 2411 E. Main St	6/14/19 17:22	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.067 mg/L	1.3	6/21/19 14:40	6/24/19 17:40	rl	EPA 200.8 Rev. 5.4
Lead	0.0045 mg/L	0.015	6/21/19 14:40	6/24/19 17:40	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1865 # 1 1715 Portage St.	6/17/19 6:41	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.043 mg/L	1.3	6/21/19 14:40	6/24/19 17:42	rl	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	6/21/19 14:40	6/24/19 17:42	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0604-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1865 # 2 1715 Portage St.	6/17/19 6:42	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.033 mg/L	1.3	6/21/19 14:40	6/24/19 17:43	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 17:43	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1868 # 1 911 Mills St.	6/18/19 7:08	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.034 mg/L	1.3	6/21/19 14:40	6/24/19 17:45	rl	EPA 200.8 Rev. 5.4
Lead	0.0014 mg/L	0.015	6/21/19 14:40	6/24/19 17:45	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1868 # 25 911 Mills St.	6/18/19 7:09	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.029 mg/L	1.3	6/21/19 14:40	6/24/19 17:50	rl	EPA 200.8 Rev. 5.4
Lead	0.0047 mg/L	0.015	6/21/19 14:40	6/24/19 17:50	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0604-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1872 # 1 1227 Grand Ave.	6/18/19 8:39	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	6/21/19 14:40	6/24/19 17:51	rl	EPA 200.8 Rev. 5.4
Lead	**0.058 mg/L**	**0.015**	6/21/19 14:40	6/24/19 17:51	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19F0604-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1872 # 2 1227 Grand Ave.	6/18/19 8:39	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.091 mg/L	1.3	6/21/19 14:40	6/24/19 17:53	rl	EPA 200.8 Rev. 5.4
Lead	0.0063 mg/L	0.015	6/21/19 14:40	6/24/19 17:53	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1841 # 1 2122 Kenwood St.	6/19/19 7:03	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.095 mg/L	1.3	6/21/19 14:40	6/24/19 17:54	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 17:54	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0604-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1841 # 2 2122 Kenwood St.	6/19/19 7:04	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/21/19 14:40	6/24/19 17:56	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 17:56	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1867 # 1 126 Gilkison Ave.	6/18/19 16:00	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.042 mg/L	1.3	6/21/19 14:40	6/24/19 17:57	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 17:57	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1867 # 2 126 Gilkison Ave.	6/18/19 16:02	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/21/19 14:40	6/24/19 17:59	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 17:59	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0604-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1841 # 2 2122 Kenwood St.	6/19/19 7:04	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/21/19 14:40	6/24/19 17:56	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 17:56	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1867 # 1 126 Gilkison Ave.	6/18/19 16:00	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.042 mg/L	1.3	6/21/19 14:40	6/24/19 17:57	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 17:57	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1867 # 2 126 Gilkison Ave.	6/18/19 16:02	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/21/19 14:40	6/24/19 17:59	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 17:59	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0604-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1877 # 1 1107 Howard St.	6/19/19 6:33	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.065 mg/L	1.3	6/21/19 14:40	6/24/19 18:01	rl	EPA 200.8 Rev. 5.4
Lead	0.0026 mg/L	0.015	6/21/19 14:40	6/24/19 18:01	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1877 # 2 1107 Howard St.	6/19/19 6:34	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/21/19 14:40	6/24/19 18:02	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 18:02	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1866 #1 620 Elizabeth St.	6/18/19 17:08	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.066 mg/L	1.3	6/21/19 14:40	6/24/19 18:04	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 18:04	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19F0604-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1866 #2 620 Elizabeth St.	6/18/19 17:09	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	6/21/19 14:40	6/24/19 18:09	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 18:09	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1876 # 1 301 Gilkison Ave.	6/18/19 18:23	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.21 mg/L	1.3	6/21/19 14:40	6/24/19 18:10	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 18:10	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0604-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1876 # 2 301 Gilkison Ave.	6/18/19 18:24	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.029 mg/L	1.3	6/21/19 14:40	6/24/19 18:12	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 18:12	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 19F0604

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	MB
Checked By:	
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- ☒ ~~Standard~~ (Rush)
- ☐ 4 Day*
- ☐ 3 Day*
- ☐ 48 Hour*
- ☐ 24 Hour*

* *Requires Prior Approval*

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; Oil = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	6/14/19	1721	LCS- 1854 #1 2411 E Main St	N	D	1			x				X	*All bottles are 1 liter and preserved to pH < 2	?
2	6/14/19	1722	LCS- 1854 #2 2411 E Main St	N	D	1			x				X		↓
3	6/17/19	0641	LCS- 1865 #1 1715 Portage St	N	D	1			x				X		
4	6/17/19	0642	LCS- 1865 #2 1715 Portage St	N	D	1			x				X		
5	6/18/19	0708	LCS- 1868 #1 911 Miles St	N	D	1			x				X		
10	6/18/19	0709	LCS- 1868 #2 911 Miles St	N	D	1			x				X		
7	6/18/19	0839	LCS- 1872 #1 1227 Grand Ave	N	D	1			x				X	*All samples are part of Kalamazoo's lead and copper compliance	
8	6/18/19	0839	LCS- 1872 #2 1227 Grand Ave	N	D	1			x				X		
			LCS- #1												
			LCS- #2												

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			6-19-19	12:31	2)			
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 19F0604

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: MB
Checked By:
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- ☒ ~~Standard~~ Rush
- ☐ 48 Hour*
- ☐ 24 Hour*
- ☐ 4 Day*
- ☐ 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; Oil = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
9	6/19/19	0703	LCS-1841 #1 2122 KENWOOD ST.	N	D	1			x				X	*All bottles are 1 liter and preserved to pH < 2	?
10	6/19/19	0704	LCS-1841 #2 2122 KENWOOD ST.	N	D	1			x				X		↓
11	6/18/19	1600	LCS-1867 #1 126 GILKISON AVE.	N	D	1			x				X		
12	6/18/19	1602	LCS-1867 #2 126 GILKISON AVE.	N	D	1			x				X		
13	6/19/19	0633	LCS-1877 #1 1107 HOWARD ST.	N	D	1			x				X		
14	6/19/19	0634	LCS-1877 #2 1107 HOWARD ST.	N	D	1			x				X		
15	6/18/19	1708	LCS-1866 #1 620 ELIZABETH ST	N	D	1			x				X	*All samples are part of Kalamazoo's lead and copper compliance	
16	6/18/19	1709	LCS-1866 #2 620 ELIZABETH ST.	N	D	1			x				X		
17	6/18/19	1823	LCS-1876 #1 301 GILKISON AVE.	N	D	1			x				X		
18	6/18/19	1824	LCS-1876 #2 301 GILKISON AVE.	N	D	1			x				X		

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	6-19-19	1231	2) [signature]	[signature]	6/19/19	1815
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19E0604 Date: 6-19-19 Package Description: cooler Temperature: -2.7

Client Name: Kalamazoo Time: 18:15 Logged in by: MP

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one): Yes No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 5.7 °C (check one below)

[X] Temp Blank (Stick Thermometer)
[ ] Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead / Copper Free Service

TRACE ID: 19F0369-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1844 #1 (1515 N. Burdick St.)	6/11/19 6:01	dvd	*6/13/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	6/20/19 9:45	6/20/19 15:33	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/20/19 9:45	6/20/19 15:33	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0369-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1844 #2 (1515 N. Burdick St.)	6/11/19 6:09	dvd	*6/13/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.24 mg/L	1.3	6/20/19 9:45	6/20/19 15:34	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/20/19 9:45	6/20/19 15:34	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0369-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1848 #1 (733 Whites Rd.)	6/12/19 6:41	dvd	*6/13/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.21 mg/L	1.3	6/20/19 9:45	6/20/19 15:35	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/20/19 9:45	6/20/19 15:35	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead / Copper Free Service

TRACE ID: 19F0369-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1848 #2 (733 Whites Rd.)	6/12/19 6:42	dvd	*6/13/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.43 mg/L	1.3	6/20/19 9:45	6/20/19 15:37	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/20/19 9:45	6/20/19 15:37	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 19F0369

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N. Harrison St.	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 377-4753
Email Address:	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: MD
Checked By: JS
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid
W = Water
SL = Sludge
Ol = Oil
Wi = Wipes
LW = Liquid Waste
~~A = Air~~
D = Drinking Water

Project Name: LEAD/COPPER FREE SERVICE

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and Copper	Remarks	Possible Health Hazards?
1	6/11/19	0601	LCS-1844 #1 1515 N. BURDICK ST	N	D	1			X				X	pH<2	?
2	6/11/19	0609	LCS-1844 #2 1515 N BURDICK ST	N	D	1			X				X	pH<2	?
3	6/12/19	0641	LCS-1848 #1 733 WHITES RD	N	D	1			X				X	* ALL	
4	6/12/19	0642	LCS-1848 #2 733 WHITES RD	N	D	1			X				X	BOTTLES ARE	
														250ml AND	
														pH < 2	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	6-12-19	11:18	2) [signature]			
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19E0369 Date: 6/13/19 Package Description: Cooler Temperature: 3.7

Client Name: Kalamazoo, City of Time: 11:15 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: James Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
Yes (No) N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 3.7 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: 4.0 °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead / Copper Free Service

TRACE ID: 19F0463-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1853 #1 305 Creston Ave.	6/14/19 7:07	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.40 mg/L	1.3	6/21/19 14:40	6/24/19 17:35	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 17:35	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0463-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1853 #2 305 Creston Ave.	6/14/19 7:13	dvd	*6/14/19 11:39*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.093 mg/L	1.3	6/21/19 14:40	6/24/19 17:37	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/21/19 14:40	6/24/19 17:37	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. 19F0463

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N. Harrison St.
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 377-4753
Email Address:	

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JS
Checked By:	MJ
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] ~~4 Day*~~
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Standard fine for 250 ml bottles

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: LEAD/COPPER FREE SERVICE

Sampled By: DVD

Analysis Requested

	Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Lead and Copper	Remarks	Possible Health Hazards?
1	~~6/14/19~~	6/14/19	0707	LCS-1853 #1 305 CRESTON AVE	N	D	1			x				X	pH<2	?
2	~~6/14/19~~	6/14/19	0713	LCS-1853 #2 305 CRESTON AVE	N	D	1			x				X	pH<2	?
		~~6/14/19~~	~~0640~~												BOTTLES ARE 250ml + pH<2	
		6/14/19	0641													

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			6-14-19	11:34	2)		6/17/19	10:11
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19F0463 Date: 6/7/19 Package Description: Cooler Temperature: 0.3

Client Name: Kalamazoo, City of Time: 10:30 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: Jimmy Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]
Ice still present upon receipt (circle one): (Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C
Representative Sample Temperature: 5.6 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)
Melt Water: None °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Free Service

TRACE ID: 19F0610-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1862 #1 1526 Blakeslee Ave.	6/17/19 7:11	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.40 mg/L	1.3	6/24/19 11:32	6/25/19 12:46	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/24/19 11:32	6/25/19 12:46	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0610-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1862 #2 1526 Blakeslee Ave.	6/17/19 7:12	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.27 mg/L	1.3	6/24/19 11:32	6/25/19 12:47	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/24/19 11:32	6/25/19 12:47	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0610-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1864 #1 1530 Henderson Dr.	6/14/19 18:40	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.7 mg/L**	**1.3**	6/24/19 11:32	6/25/19 12:49	rl	**EPA 200.8 Rev. 5.4**
Lead	0.0019 mg/L	0.015	6/24/19 11:32	6/25/19 12:49	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Free Service

TRACE ID: 19F0610-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1864 #2 1530 Henderson Dr.	6/14/19 18:48	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.0 mg/L	1.3	6/24/19 11:32	6/25/19 12:50	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/24/19 11:32	6/25/19 12:50	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0610-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1875 #1 1421 Roseland Ave.	6/17/19 10:40	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.37 mg/L	1.3	6/24/19 11:32	6/25/19 12:51	rl	EPA 200.8 Rev. 5.4
Lead	0.0023 mg/L	0.015	6/24/19 11:32	6/25/19 12:51	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0610-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1875 #2 1421 Roseland Ave.	6/17/19 10:50	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.046 mg/L	1.3	6/24/19 11:32	6/25/19 12:55	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/24/19 11:32	6/25/19 12:55	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Free Service

TRACE ID: 19F0610-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1869 #1 1719 Clinton Ave.	6/18/19 6:54	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.080 mg/L	1.3	6/24/19 11:32	6/25/19 12:57	rl	EPA 200.8 Rev. 5.4
Lead	**0.21 mg/L**	**0.015**	6/24/19 11:32	6/25/19 12:57	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19F0610-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1869 #2 1719 Clinton Ave.	6/18/19 7:01	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/24/19 11:32	6/25/19 12:58	rl	EPA 200.8 Rev. 5.4
Lead	0.0011 mg/L	0.015	6/24/19 11:32	6/25/19 12:58	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0610-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1870 #1 2421 University Ave.	6/18/19 6:26	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.053 mg/L	1.3	6/24/19 11:32	6/25/19 12:59	rl	EPA 200.8 Rev. 5.4
Lead	**0.015 mg/L**	**0.015**	6/24/19 11:32	6/25/19 12:59	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Free Service

TRACE ID: 19F0610-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS- 1870 #2 2421 University Ave.	6/18/19 6:27	dvd	*6/19/19 12:31*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.029 mg/L	1.3	6/24/19 11:32	6/25/19 13:01	rl	EPA 200.8 Rev. 5.4
Lead	0.0041 mg/L	0.015	6/24/19 11:32	6/25/19 13:01	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. 19F0610

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N. Harrison St.	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 377-4753
Email Address:	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: MB
Checked By:
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:
☒ Standard ☐ 48 Hour* ☐ 24 Hour* ☐ 4 Day* ☐ 3 Day*
** Requires Prior Approval*

Matrix Key:
S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: LEAD & COPPER FREE SERVICE Sampled By: DVD

Analysis Requested

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Lead and Copper	Remarks	Possible Health Hazards?
1	6/17/19	0711	LCS-1862 #1 1526 BLAKESLEE AVE	N	D	1			X				X	pH<2	?
2	6/17/19	0712	LCS-1862 #2 1526 BLAKESLEE AVE	N	D	1			X				X	pH<2	?
3	6/14/19	1840	LCS-1864 #1 1530 HENDERSON DR.	N	D	1			X				X	* Bottles	
4	6/14/19	1848	LCS-1864 #2 1530 HENDERSON DR	N	D	1			X				X	are 250ml	
5	6/17/19	1040	LCS-1875 #1 1421 ROSELAND AVE	N	D	1			X				X		
6	6/17/19	1050	LCS-1875 #2 1421 ROSELAND AVE	N	D	1			X				X		
7	6/18/19	0654	LCS-1869 #1 1719 CLINTON AVE	N	D	1			X				X		
8	6/18/19	0701	LCS-1869 #2 1719 CLINTON AVE	N	D	1			X				X		
9	6/18/19	0626	LCS-1870 #1 2421 UNIVERSITY AVE	N	D	1			X				X		
10	6/18/19	0627	LCS-1870 #2 2421 UNIVERSITY AVE	N	D	1			X				X		

Please Sign

	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			6-19-19	12:31	2)		6/20/19	1020
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19F0610 Date: 6/20/19 Package Description: Cooler Temperature: -2.1

Client Name: Kalamazoo Time: 10:20 Logged in by: MB

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [A]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one): (Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 5.7 °C (check one below)
[X] Temp Blank (Stick Thermometer)
[ ] Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	(Y)			
Each sample point is in a sealed plastic bag?			(NA)	
Labels filled out completely?	Y			
All bottle labels agree with Chain of Custody (COC)?	Y			
Sufficient sample to run tests requested?	Y			
*pH checked and samples at correct pH?	Y			
Correct chemical preservative added to samples?	Y			
Air bubbles absent from VOAs?			Y	
COC filled out properly and signed by client?	Y			
COC signed in by TRACE sample custodian?	Y			
Was project manager called and samples discussed?			Y	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Free Service

TRACE ID: 19F0688-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1873 #1 (2891 Bronson Blvd.)	6/20/19 7:34	dvd	*6/21/19 12:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.076 mg/L	1.3	6/24/19 11:38	6/25/19 12:12	rl	EPA 200.8 Rev. 5.4
Lead	0.0029 mg/L	0.015	6/24/19 11:38	6/25/19 12:12	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0688-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1873 #2 (2891 Bronson Blvd.)	6/20/19 7:39	dvd	*6/21/19 12:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.032 mg/L	1.3	6/24/19 11:38	6/25/19 12:13	rl	EPA 200.8 Rev. 5.4
Lead	0.0067 mg/L	0.015	6/24/19 11:38	6/25/19 12:13	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0688-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1880 #1 (126 Crescent Dr.)	6/19/19 16:06	dvd	*6/21/19 12:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/24/19 11:38	6/25/19 12:14	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/24/19 11:38	6/25/19 12:14	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Free Service

TRACE ID: 19F0688-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1880 #2 (126 Crescent Dr.)	6/19/19 16:07	dvd	*6/21/19 12:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/24/19 11:38	6/25/19 12:16	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/24/19 11:38	6/25/19 12:16	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0688-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1874 #1 (2246 Tipperary Rd.)	6/21/19 7:10	dvd	*6/21/19 12:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.4 mg/L**	**1.3**	6/24/19 11:38	6/25/19 12:17	rl	**EPA 200.8 Rev. 5.4**
Lead	<0.0010 mg/L	0.015	6/24/19 11:38	6/25/19 12:17	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0688-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1874 #2 (2246 Tipperary Rd.)	6/21/19 7:12	dvd	*6/21/19 12:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.60 mg/L	1.3	6/24/19 11:38	6/25/19 12:18	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/24/19 11:38	6/25/19 12:18	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Free Service

TRACE ID: 19F0688-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1883 #1 (1321 Summit Ave.)	6/21/19 6:37	dvd	*6/21/19 12:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.083 mg/L	1.3	6/24/19 11:38	6/25/19 12:20	rl	EPA 200.8 Rev. 5.4
Lead	0.0017 mg/L	0.015	6/24/19 11:38	6/25/19 12:20	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0688-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1883 #2 (1321 Summit Ave.)	6/21/19 6:38	dvd	*6/21/19 12:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.13 mg/L	1.3	6/24/19 11:38	6/25/19 12:24	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	6/24/19 11:38	6/25/19 12:24	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. 19F0688

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N. Harrison St.	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 377-4753
Email Address:	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: TS
Checked By: MWD
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] ~~4 Day*~~
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; Oil = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: Lead + Copper Free Service

Sampled By: DVD

Analysis Requested

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Lead and Copper	Remarks	Possible Health Hazards?
1	6/20/19	0734	LCS-1873 #1 2891 BRONSON BLVD	N	D	1			X				X	pH<2	?
2	6/20/19	0739	LCS-1873 #2 2891 BRONSON BLVD	N	D	1			X				X	pH<2	?
3	6/19/19	1606	LCS-1880 #1 126 CRESCENT DR	N	D	1			X				X	* BOTTLES	
4	6/19/19	1607	LCS-1880 #2 126 CRESCENT DR	N	D	1			X				X	250 mls	
5	6/21/19	0810	LCS-1874 #1 2246 TIPPERARY RD	N	D	1			X				X		
6	6/21/19	0712	LCS-1874 #2 2246 TIPPERARY RD	N	D	1			X				X		
7	6/21/19	0637	LCS-1883 #1 1321 SUMMIT AVE	N	D	1			X				X		
8	6/21/19	0638	LCS-1883 #1 1321 SUMMIT AVE	N	D	1			X				X		

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			6/21/19	12:36	2)		6/24/19	9:02
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 190688 Date: 6/24/19 Package Description: Cooler Temperature: 0.6
Client Name: Kalamazoo Time: 9:02 Logged in by: MB

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]
Ice still present upon receipt (circle one): (Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C
Representative Sample Temperature: 2.4 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)
Melt Water: 0.8 °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[ ] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead and Copper Compliance

TRACE ID: 19F0370-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1850 #1 (507 Keyes Dr.)	6/11/19 7:37	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.039 mg/L	1.3	6/20/19 9:45	6/20/19 15:38	rl	EPA 200.8 Rev. 5.4
Lead	**0.017 mg/L**	**0.015**	6/20/19 9:45	6/20/19 15:38	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19F0370-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1850 #2 (507 Keyes Dr.)	6/11/19 7:38	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/20/19 9:45	6/20/19 15:39	rl	EPA 200.8 Rev. 5.4
Lead	**0.054 mg/L**	**0.015**	6/20/19 9:45	6/20/19 15:39	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 19F0370

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	IS
Checked By:	MD
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	6/11/19	0737	LCS- 1850 #1 507 KEYES DR.	N	D	1			x				X	*All bottles	?
2	6/11/19	0733	LCS- 1850 #2 507 KEYES DR	N	D	1			x				X	are 1 liter	↓
			LCS- #1											and preserved	
			LCS- #2											to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Parchment's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	6-12-19	11:18	2) [signature]	[signature]	6/13/19	11:19
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19F0370 Date: 6/13/19 Package Description: Cooler Temperature: 3.7
Client Name: Kalamazoo, City of Time: 11:15 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: James Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]
Ice still present upon receipt (circle one):
Yes (No) N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C
Representative Sample Temperature: 3.7 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)
Melt Water: 4.0 °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Drinking Water - April 2019

TRACE ID: T19D255-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1690 #1 (1309 Palmer)	4/3/19 7:46	dvd	*4/5/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/11/19 8:03	4/11/19 9:33	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/11/19 8:03	4/11/19 9:33	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D255-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1690 #2 (1309 Palmer)	4/3/19 7:47	dvd	*4/5/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/11/19 8:03	4/11/19 9:35	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/11/19 8:03	4/11/19 9:35	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D255-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1691 #1 (1708 Fulton)	4/3/19 7:33	dvd	*4/5/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/11/19 8:03	4/11/19 9:36	jbb	EPA 200.8 Rev. 5.4
Lead	0.0029 mg/L	0.015	4/11/19 8:03	4/11/19 9:36	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Drinking Water - April 2019

TRACE ID: T19D255-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1691 #2 (1708 Fulton)	4/3/19 7:34	dvd	*4/5/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/11/19 8:03	4/11/19 9:38	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/11/19 8:03	4/11/19 9:38	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D255-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1692 #1 (2219 Fulford)	4/4/19 7:44	dvd	*4/5/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.7 mg/L**	**1.3**	4/11/19 8:03	4/11/19 10:06	jbb	**EPA 200.8 Rev. 5.4**
Lead	0.0047 mg/L	0.015	4/11/19 8:03	4/11/19 9:39	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D255-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1692 #2 (2219 Fulford)	4/4/19 7:45	dvd	*4/5/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.1 mg/L	1.3	4/11/19 8:03	4/11/19 10:07	jbb	EPA 200.8 Rev. 5.4
Lead	0.0044 mg/L	0.015	4/11/19 8:03	4/11/19 9:45	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Drinking Water - April 2019

TRACE ID: T19D255-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1696 #1 (1419 Lay Blvd)	4/5/19 6:05	dvd	*4/5/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/11/19 8:03	4/11/19 9:47	jbb	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	4/11/19 8:03	4/11/19 9:47	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D255-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1696 #2 (1419 Lay Blvd)	4/5/19 6:06	dvd	*4/5/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/11/19 8:03	4/11/19 9:48	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/11/19 8:03	4/11/19 9:48	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T190255

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JS
Checked By: GH
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	4/3/19	0746	LCS- 1690 #1 1309 Palmer	N	D	1			x				X	*All bottles	?
2	4/3/19	0747	LCS- 1690 #2 1309 Palmer	N	D	1			x				X	are 1 liter	↓
3	4/3/19	0733	LCS- 1691 #1 1708 Fulton	N	D	1			x				X	and preserved	
4	4/3/19	0734	LCS- 1691 #2 1708 Fulton	N	D	1			x				X	to pH < 2	
5	4/4/19	0744	LCS- 1692 #1 2219 Fulford	N	D	1			x				X		
6	4/4/19	0745	LCS- 1692 #2 2219 Fulford	N	D	1			x				X	*All samples	
7	4/5/19	0605	LCS- 1696 #1 1419 Lay Blvd	N	D	1			x				X	are part of	
8	4/5/19	0606	LCS- 1696 #2 1419 Lay Blvd	N	D	1			x				X	Kalamazoo's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			4/5/19	11:18	2)		4/5/19	17:00
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T190255 Date: 4/6/19 Package Description: Cooler Temperature: -0.5

Client Name: City of Kzoo Time: 9:14 Logged in by: JE

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: Jimmy Peerman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 2.6 °C (check one below)

[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: None °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes: _____

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691

[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0172-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1893 #1 (3225 Miami Ave.)	7/1/19 6:05	dvd	*7/5/19 9:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.040 mg/L	1.3	7/10/19 11:23	7/15/19 15:28	rl	EPA 200.8 Rev. 5.4
Lead	0.0018 mg/L	0.015	7/10/19 11:23	7/15/19 15:28	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0172-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1893 #2 (3225 Miami Ave.)	7/1/19 6:06	dvd	*7/5/19 9:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.039 mg/L	1.3	7/10/19 11:23	7/15/19 15:30	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/10/19 11:23	7/15/19 15:30	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0172-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1899 #1 (432 Monroe St.)	7/2/19 6:04	dvd	*7/5/19 9:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.0 mg/L	1.3	7/10/19 11:23	7/15/19 15:31	rl	EPA 200.8 Rev. 5.4
Lead	0.0017 mg/L	0.015	7/10/19 11:23	7/15/19 15:31	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0172-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1899 #2 (432 Monroe St.)	7/2/19 6:05	dvd	*7/5/19 9:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.077 mg/L	1.3	7/10/19 11:23	7/15/19 15:32	rl	EPA 200.8 Rev. 5.4
Lead	0.0058 mg/L	0.015	7/10/19 11:23	7/15/19 15:32	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0172-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1858 #1 (1520 W. North St.)	7/5/19 6:06	dvd	*7/5/19 9:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.30 mg/L	1.3	7/10/19 11:23	7/15/19 15:37	rl	EPA 200.8 Rev. 5.4
Lead	**0.13 mg/L**	**0.015**	7/10/19 11:23	7/15/19 15:37	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19G0172-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1858 #2 (1520 W. North St.)	7/5/19 6:07	dvd	*7/5/19 9:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	7/10/19 11:23	7/15/19 15:38	rl	EPA 200.8 Rev. 5.4
Lead	0.012 mg/L	0.015	7/10/19 11:23	7/15/19 15:38	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0388-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1900 #1 (510 Trimble Ave.)	7/10/19 6:36	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.20 mg/L	1.3	7/16/19 10:11	7/17/19 14:24	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/16/19 10:11	7/17/19 14:24	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1900 #2 (510 Trimble Ave.)	7/10/19 6:37	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	7/16/19 10:11	7/17/19 14:26	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/16/19 10:11	7/17/19 14:26	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1901 #1 (1608 Upland Dr.)	7/10/19 7:06	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.032 mg/L	1.3	7/16/19 10:11	7/17/19 14:27	rl	EPA 200.8 Rev. 5.4
Lead	0.0085 mg/L	0.015	7/16/19 10:11	7/17/19 14:27	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0388-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1901 #2 (1608 Upland Dr.)	7/10/19 7:07	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/16/19 10:11	7/17/19 14:28	rl	EPA 200.8 Rev. 5.4
Lead	**0.036 mg/L**	**0.015**	7/16/19 10:11	7/17/19 14:28	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19G0388-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1903 #1 (1323 Stamford Ave.)	7/10/19 7:58	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/16/19 10:11	7/17/19 14:29	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/16/19 10:11	7/17/19 14:29	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1903 #2 (1323 Stamford Ave.)	7/10/19 7:59	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/16/19 10:11	7/17/19 14:33	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/16/19 10:11	7/17/19 14:33	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0388-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1907 #1 (907 Lum Ave.)	7/10/19 10:33	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.098 mg/L	1.3	7/16/19 10:11	7/17/19 14:35	rl	EPA 200.8 Rev. 5.4
Lead	**0.043 mg/L**	**0.015**	7/16/19 10:11	7/17/19 14:35	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19G0388-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1907 #2 (907 Lum Ave.)	7/10/19 10:34	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.025 mg/L	1.3	7/16/19 10:11	7/17/19 14:36	rl	EPA 200.8 Rev. 5.4
Lead	**0.055 mg/L**	**0.015**	7/16/19 10:11	7/17/19 14:36	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19G0388-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1906 #1 (3417 Tampa St.)	7/11/19 6:33	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/16/19 10:11	7/17/19 14:37	rl	EPA 200.8 Rev. 5.4
Lead	**0.026 mg/L**	**0.015**	7/16/19 10:11	7/17/19 14:37	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0388-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1906 #2 (3417 Tampa St.)	7/11/19 6:34	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/16/19 10:11	7/17/19 14:39	rl	EPA 200.8 Rev. 5.4
Lead	**0.14 mg/L**	**0.015**	7/16/19 10:11	7/17/19 14:39	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19G0388-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1909 #1 (1308 Nassau St.)	7/12/19 6:04	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/16/19 10:11	7/17/19 14:40	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/16/19 10:11	7/17/19 14:40	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1909 #2 (1308 Nassau St.)	7/12/19 6:05	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/16/19 10:11	7/17/19 14:41	rl	EPA 200.8 Rev. 5.4
Lead	0.0011 mg/L	0.015	7/16/19 10:11	7/17/19 14:41	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0388-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1910 #1 (2005 Vanzee St.)	7/12/19 6:52	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	7/16/19 10:11	7/17/19 14:43	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/16/19 10:11	7/17/19 14:43	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1910 #2 (2005 Vanzee St.)	7/12/19 6:53	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.43 mg/L	1.3	7/16/19 10:11	7/17/19 14:44	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/16/19 10:11	7/17/19 14:44	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1911 #1 (816 Washburn Ave.)	7/12/19 7:17	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.048 mg/L	1.3	7/16/19 10:11	7/17/19 14:45	rl	EPA 200.8 Rev. 5.4
Lead	0.0061 mg/L	0.015	7/16/19 10:11	7/17/19 14:45	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0388-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1911 #2 (816 Washburn Ave.)	7/12/19 7:18	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/16/19 10:11	7/17/19 14:49	rl	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	7/16/19 10:11	7/17/19 14:49	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1912 #1 (1423 Nassau St.)	7/12/19 7:33	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/16/19 10:11	7/17/19 14:51	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	7/16/19 10:11	7/17/19 14:51	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1912 #2 (1423 Nassau St.)	7/12/19 7:34	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/16/19 10:11	7/17/19 14:52	rl	EPA 200.8 Rev. 5.4
Lead	0.0086 mg/L	0.015	7/16/19 10:11	7/17/19 14:52	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0388-19

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1913 #1 (1326 Nassau St.)	7/12/19 7:57	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.36 mg/L	1.3	7/16/19 10:11	7/17/19 14:53	rl	EPA 200.8 Rev. 5.4
Lead	0.0035 mg/L	0.015	7/16/19 10:11	7/17/19 14:53	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-20

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1913 #2 (1326 Nassau St.)	7/12/19 7:58	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	7/16/19 10:11	7/17/19 14:55	rl	EPA 200.8 Rev. 5.4
Lead	0.014 mg/L	0.015	7/16/19 10:11	7/17/19 14:55	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-21

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1914 #1 (916 Washburn St.)	7/12/19 8:32	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.1 mg/L	1.3	7/16/19 10:04	7/17/19 13:45	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/16/19 10:04	7/17/19 13:45	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 19, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0388-22

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1914 #2 (916 Washburn St.)	7/12/19 8:33	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.13 mg/L	1.3	7/16/19 10:04	7/17/19 13:46	rl	EPA 200.8 Rev. 5.4
Lead	0.0017 mg/L	0.015	7/16/19 10:04	7/17/19 13:46	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-23

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1718.2 #1 (3003 Duke St.)	7/12/19 9:11	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.36 mg/L	1.3	7/16/19 10:04	7/17/19 13:48	rl	EPA 200.8 Rev. 5.4
Lead	0.0013 mg/L	0.015	7/16/19 10:04	7/17/19 13:48	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-24

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1718.2 #2 (3003 Duke St.)	7/12/19 9:12	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.40 mg/L	1.3	7/16/19 10:04	7/17/19 13:52	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/16/19 10:04	7/17/19 13:52	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0388-25

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1863 #1 (715 Cooper Ave.)	7/11/19 17:02	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	7/16/19 10:04	7/17/19 13:53	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/16/19 10:04	7/17/19 13:53	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0388-26

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1863 #2 (715 Cooper Ave.)	7/11/19 17:03	dvd	*7/12/19 11:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/16/19 10:04	7/17/19 13:54	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/16/19 10:04	7/17/19 13:54	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

July 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0663-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1871 #1 (3006 Coy Ave.)	7/22/19 7:11	dvd	*7/22/19 13:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.057 mg/L	1.3	7/29/19 9:12	7/30/19 18:58	rl	EPA 200.8 Rev. 5.4
Lead	0.0026 mg/L	0.015	7/29/19 9:12	7/30/19 18:58	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0663-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1871 #2 (3006 Coy Ave.)	7/22/19 7:12	dvd	*7/22/19 13:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/29/19 9:12	7/30/19 19:00	rl	EPA 200.8 Rev. 5.4
Lead	0.0054 mg/L	0.015	7/29/19 9:12	7/30/19 19:00	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0663-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1947 #1 (617 Pinehust Blvd.)	7/19/19 17:39	dvd	*7/22/19 13:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.029 mg/L	1.3	7/29/19 9:12	7/30/19 19:01	rl	EPA 200.8 Rev. 5.4
Lead	0.0025 mg/L	0.015	7/29/19 9:12	7/30/19 19:01	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

July 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0663-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1947 #2 (617 Pinehust Blvd.)	7/19/19 17:40	dvd	*7/22/19 13:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/29/19 9:12	7/30/19 19:02	rl	EPA 200.8 Rev. 5.4
Lead	0.0019 mg/L	0.015	7/29/19 9:12	7/30/19 19:02	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0663-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1948 #1 (1126 Mills St.)	7/22/19 6:34	dvd	*7/22/19 13:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.30 mg/L	1.3	7/29/19 9:12	7/30/19 19:03	rl	EPA 200.8 Rev. 5.4
Lead	0.0072 mg/L	0.015	7/29/19 9:12	7/30/19 19:03	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0663-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1948 #2 (1126 Mills St.)	7/22/19 6:35	dvd	*7/22/19 13:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	7/29/19 9:12	7/30/19 19:05	rl	EPA 200.8 Rev. 5.4
Lead	0.0038 mg/L	0.015	7/29/19 9:12	7/30/19 19:05	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0549-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1917 #1 (622 Washburn Ave.)	7/13/19 6:10	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.67 mg/L	1.3	7/18/19 11:18	7/19/19 15:58	rl	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	7/18/19 11:18	7/19/19 15:58	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1917 #2 (622 Washburn Ave.)	7/13/19 6:11	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.067 mg/L	1.3	7/18/19 11:18	7/19/19 15:59	rl	EPA 200.8 Rev. 5.4
Lead	0.0024 mg/L	0.015	7/18/19 11:18	7/19/19 15:59	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1918 #1 (928 Hazard Ave.)	7/14/19 7:10	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.6 mg/L**	**1.3**	7/18/19 11:18	7/19/19 16:00	rl	**EPA 200.8 Rev. 5.4**
Lead	<0.0010 mg/L	0.015	7/18/19 11:18	7/19/19 16:00	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0549-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1918 #2 (928 Hazard Ave.)	7/14/19 7:11	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.31 mg/L	1.3	7/18/19 11:18	7/19/19 16:02	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/18/19 11:18	7/19/19 16:02	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1919 #1 (1008 Lum Ave.)	7/15/19 6:08	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.046 mg/L	1.3	7/18/19 11:18	7/19/19 16:03	rl	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	7/18/19 11:18	7/19/19 16:03	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1919 #2 (1008 Lum Ave.)	7/15/19 6:09	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/18/19 11:18	7/19/19 16:04	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/18/19 11:18	7/19/19 16:04	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0549-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1920 #1 (613 Southworth Terrace)	7/15/19 6:39	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.92 mg/L	1.3	7/18/19 11:18	7/19/19 16:06	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/18/19 11:18	7/19/19 16:06	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1920 #2 (613 Southworth Terrace)	7/15/19 6:40	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.36 mg/L	1.3	7/18/19 11:18	7/19/19 16:07	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/18/19 11:18	7/19/19 16:07	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1922 #1 (1601 Upland Dr.)	7/15/19 8:17	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.99 mg/L	1.3	7/18/19 11:18	7/19/19 16:08	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/18/19 11:18	7/19/19 16:08	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0549-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1922 #2 (1601 Upland Dr.)	7/15/19 8:18	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	7/18/19 11:18	7/19/19 16:10	rl	EPA 200.8 Rev. 5.4
Lead	0.0088 mg/L	0.015	7/18/19 11:18	7/19/19 16:10	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1923 #1 (553 Fenimore Ave.)	7/15/19 8:46	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/18/19 11:18	7/19/19 16:14	rl	EPA 200.8 Rev. 5.4
Lead	0.011 mg/L	0.015	7/18/19 11:18	7/19/19 16:14	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1923 #2 (553 Fenimore Ave.)	7/15/19 8:47	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/18/19 11:18	7/19/19 16:15	rl	EPA 200.8 Rev. 5.4
Lead	0.0024 mg/L	0.015	7/18/19 11:18	7/19/19 16:15	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0549-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1924 #1 (807 Fairbanks Ave.)	7/15/19 16:18	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.34 mg/L	1.3	7/18/19 11:18	7/19/19 16:16	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/18/19 11:18	7/19/19 16:16	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1924 #2 (807 Fairbanks Ave.)	7/15/19 16:19	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	7/18/19 11:18	7/19/19 16:18	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/18/19 11:18	7/19/19 16:18	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1926 #1 (922 Gayle Ave.)	7/16/19 7:25	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.090 mg/L	1.3	7/18/19 11:18	7/19/19 16:19	rl	EPA 200.8 Rev. 5.4
Lead	**0.023 mg/L**	**0.015**	7/18/19 11:18	7/19/19 16:19	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0549-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1926 #2 (922 Gayle Ave.)	7/16/19 7:26	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/18/19 11:18	7/19/19 16:20	rl	EPA 200.8 Rev. 5.4
Lead	0.0040 mg/L	0.015	7/18/19 11:18	7/19/19 16:20	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1927 #1 (1524 Woodrow Dr.)	7/16/19 9:06	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	7/18/19 11:18	7/19/19 16:22	rl	EPA 200.8 Rev. 5.4
Lead	0.0085 mg/L	0.015	7/18/19 11:18	7/19/19 16:22	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1927 #2 (1524 Woodrow Dr.)	7/16/19 9:07	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.040 mg/L	1.3	7/18/19 11:18	7/19/19 16:23	rl	EPA 200.8 Rev. 5.4
Lead	**0.015 mg/L**	**0.015**	7/18/19 11:18	7/19/19 16:23	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0549-19

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1931 #1 (620 Ira Ave.)	7/17/19 6:14	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.082 mg/L	1.3	7/18/19 11:18	7/19/19 16:24	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/18/19 11:18	7/19/19 16:24	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-20

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1931 #2 (620 Ira Ave.)	7/17/19 6:15	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/18/19 11:18	7/19/19 16:25	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/18/19 11:18	7/19/19 16:25	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0549-21

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1740.2 #1 (107 Edgemoor Ave.)	7/17/19 8:07	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	7/18/19 11:22	7/22/19 11:35	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/18/19 11:22	7/22/19 11:35	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0549-22

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1740.2 #2 (107 Edgemoor Ave.)	7/17/19 8:08	Client	*7/17/19 11:57*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.077 mg/L	1.3	7/18/19 11:22	7/22/19 11:36	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/18/19 11:22	7/22/19 11:36	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

July 29, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0629-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1934 #1 (1232 Upland Dr.)	7/17/19 14:12	dvd	*7/19/19 10:49*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/25/19 17:30	7/26/19 12:54	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/25/19 17:30	7/26/19 12:54	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0629-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1934 #2 (1232 Upland Dr.)	7/17/19 14:13	dvd	*7/19/19 10:49*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/25/19 17:30	7/26/19 12:55	rl	EPA 200.8 Rev. 5.4
Lead	0.0057 mg/L	0.015	7/25/19 17:30	7/26/19 12:55	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0629-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1935 #1 (1507 Upland Dr.)	7/17/19 15:48	dvd	*7/19/19 10:49*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	7/25/19 17:30	7/26/19 12:59	rl	EPA 200.8 Rev. 5.4
Lead	0.0015 mg/L	0.015	7/25/19 17:30	7/26/19 12:59	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

July 29, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19G0629-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1935 #2 (1507 Upland Dr.)	7/17/19 15:49	dvd	*7/19/19 10:49*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	7/25/19 17:30	7/26/19 13:00	rl	EPA 200.8 Rev. 5.4
Lead	**0.015 mg/L**	**0.015**	7/25/19 17:30	7/26/19 13:00	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19G0629-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1941 #1 (1223 Washington Ave.)	7/19/19 5:35	dvd	*7/19/19 10:49*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	7/25/19 17:30	7/26/19 13:01	rl	EPA 200.8 Rev. 5.4
Lead	0.0024 mg/L	0.015	7/25/19 17:30	7/26/19 13:01	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0629-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1941 #2 (1223 Washington Ave.)	7/19/19 5:36	dvd	*7/19/19 10:49*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.57 mg/L	1.3	7/25/19 17:30	7/26/19 13:02	rl	EPA 200.8 Rev. 5.4
Lead	0.0018 mg/L	0.015	7/25/19 17:30	7/26/19 13:02	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 19, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Compliance

TRACE ID: 19G0725-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS 1952 #1 1219 Nassau St	7/23/19 6:38	dvd	*7/24/19 11:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	7/29/19 9:37	7/30/19 19:24	rl	EPA 200.8 Rev. 5.4
Lead	0.0020 mg/L	0.015	7/29/19 9:37	7/30/19 19:24	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0725-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS 1952 #2 1219 Nassau St	7/23/19 6:39	dvd	*7/24/19 11:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.66 mg/L	1.3	7/29/19 9:37	7/30/19 19:26	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/29/19 9:37	7/30/19 19:26	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 19, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0786-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1956 #1 1419 Upland Dr.	7/25/19 6:37	dvd	*7/26/19 11:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.27 mg/L	1.3	7/30/19 11:53	7/31/19 12:14	rl	EPA 200.8 Rev. 5.4
Lead	0.0019 mg/L	0.015	7/30/19 11:53	7/31/19 12:14	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0786-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1956 #2 1419 Upland Dr.	7/25/19 6:38	dvd	*7/26/19 11:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.031 mg/L	1.3	7/30/19 11:53	7/31/19 12:17	rl	EPA 200.8 Rev. 5.4
Lead	0.012 mg/L	0.015	7/30/19 11:53	7/31/19 12:17	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0786-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1957 #1 422 N. Berkley St.	7/24/19 15:36	dvd	*7/26/19 11:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.64 mg/L	1.3	7/30/19 11:53	7/31/19 12:19	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	7/30/19 11:53	7/31/19 12:19	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 19, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0786-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1957 #2 422 N. Berkley St.	7/24/19 15:37	dvd	*7/26/19 11:22*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.089 mg/L	1.3	7/30/19 11:53	7/31/19 12:20	rl	EPA 200.8 Rev. 5.4
Lead	0.0019 mg/L	0.015	7/30/19 11:53	7/31/19 12:20	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

August 06, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19G0876-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1963 #1 461 Terrance Ct.	7/26/19 17:07	dvd	*7/30/19 10:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.17 mg/L	1.3	8/2/19 14:32	8/5/19 16:01	rl	EPA 200.8 Rev. 5.4
Lead	0.0013 mg/L	0.015	8/2/19 14:32	8/5/19 16:01	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0876-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1963 #2 461 Terrance Ct.	7/26/19 17:08	dvd	*7/30/19 10:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.038 mg/L	1.3	8/2/19 14:32	8/5/19 16:03	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	8/2/19 14:32	8/5/19 16:03	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

August 12, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead & Copper- 1232 Stamford Ave.

TRACE ID: 19H0098-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1972 #1 (1232 Stamford Ave.)	8/1/19 16:04	dvd	*8/2/19 12:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.029 mg/L	1.3	8/7/19 15:22	8/9/19 12:54	rl	EPA 200.8 Rev. 5.4
Lead	0.0017 mg/L	0.015	8/7/19 15:22	8/9/19 12:54	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19H0098-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1972 #2 (1232 Stamford Ave.)	8/1/19 16:05	dvd	*8/2/19 12:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	8/7/19 15:22	8/9/19 12:55	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	8/7/19 15:22	8/9/19 12:55	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

August 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead / Copper Compliance

TRACE ID: 19H0313-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1985 #1 1346 Krom St.	8/8/19 6:09	dvd	*8/10/19 14:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.026 mg/L	1.3	8/13/19 10:38	8/14/19 16:21	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	8/13/19 10:38	8/14/19 16:21	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19H0313-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1985 #2 1346 Krom St.	8/8/19 6:10	dvd	*8/10/19 14:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.13 mg/L	1.3	8/13/19 10:38	8/14/19 16:22	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	8/13/19 10:38	8/14/19 16:22	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19H0313-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1989 #1 619 Campbell Ave.	8/8/19 8:04	dvd	*8/10/19 14:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	8/13/19 10:38	8/14/19 16:23	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	8/13/19 10:38	8/14/19 16:23	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

August 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead / Copper Compliance

TRACE ID: 19H0313-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1989 #2 619 Campbell Ave.	8/8/19 8:05	dvd	*8/10/19 14:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	8/13/19 10:38	8/14/19 16:25	rl	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	8/13/19 10:38	8/14/19 16:25	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19H0313-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1991 #1 1515 Stamford Ave.	8/8/19 18:33	dvd	*8/10/19 14:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.066 mg/L	1.3	8/13/19 10:38	8/14/19 16:26	rl	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	8/13/19 10:38	8/14/19 16:26	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19H0313-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1991 #2 1515 Stamford Ave.	8/8/19 18:34	dvd	*8/10/19 14:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	8/13/19 10:38	8/14/19 16:27	rl	EPA 200.8 Rev. 5.4
Lead	**0.015 mg/L**	**0.015**	8/13/19 10:38	8/14/19 16:27	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

August 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead / Copper Compliance

TRACE ID: 19H0313-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1992 #1 807 Campbell Ave.	8/9/19 6:39	dvd	*8/10/19 14:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.38 mg/L	1.3	8/13/19 10:38	8/14/19 16:31	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	8/13/19 10:38	8/14/19 16:31	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19H0313-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1992 #2 807 Campbell Ave.	8/9/19 6:40	dvd	*8/10/19 14:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.22 mg/L	1.3	8/13/19 10:38	8/14/19 16:33	rl	EPA 200.8 Rev. 5.4
Lead	0.0021 mg/L	0.015	8/13/19 10:38	8/14/19 16:33	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19H0313-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1994 #1 1116 E. Alcott St.	8/9/19 11:33	dvd	*8/10/19 14:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.60 mg/L	1.3	8/13/19 10:38	8/14/19 16:34	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	8/13/19 10:38	8/14/19 16:34	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

August 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead / Copper Compliance

TRACE ID: 19H0313-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1994 #2 1116 E. Alcott St.	8/9/19 11:34	dvd	*8/10/19 14:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.043 mg/L	1.3	8/13/19 10:38	8/14/19 16:35	rl	EPA 200.8 Rev. 5.4
Lead	0.0052 mg/L	0.015	8/13/19 10:38	8/14/19 16:35	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 12, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19I0206-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2015 #1 (832 W. Kalamazoo Ave.)	9/9/19 9:09	dvd	*9/9/19 10:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.74 mg/L	1.3	9/11/19 10:20	9/11/19 16:33	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/11/19 10:20	9/11/19 16:33	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0206-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2015 #2 (832 W. Kalamazoo Ave.)	9/9/19 9:09	dvd	*9/9/19 10:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.54 mg/L	1.3	9/11/19 10:20	9/11/19 16:35	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/11/19 10:20	9/11/19 16:35	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 24, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19I0424-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2017 #1 (2934 Duke St.)	9/12/19 6:39	dvd	*9/13/19 12:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.21 mg/L	1.3	9/20/19 13:29	9/23/19 19:04	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/20/19 13:29	9/23/19 19:04	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0424-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2017 #2 (2934 Duke St.)	9/12/19 6:40	dvd	*9/13/19 12:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/20/19 13:29	9/23/19 19:05	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/20/19 13:29	9/23/19 19:05	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0424-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2023 #1 (418 Davis St.)	9/13/19 8:08	dvd	*9/13/19 12:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/20/19 13:29	9/23/19 19:06	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/20/19 13:29	9/23/19 19:06	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 24, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19I0424-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2023 #2 (418 Davis St.)	9/13/19 8:09	dvd	*9/13/19 12:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/20/19 13:29	9/23/19 19:07	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/20/19 13:29	9/23/19 19:07	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 27, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19I0642-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-2030 #1 516 Monroe St.	9/19/19 6:08	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	9/26/19 10:41	9/26/19 12:19	rl	EPA 200.8 Rev. 5.4
Lead	0.0043 mg/L	0.015	9/26/19 10:41	9/26/19 12:19	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0642-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-2030 #2 516 Monroe St.	9/19/19 6:09	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.050 mg/L	1.3	9/26/19 10:41	9/26/19 12:21	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/26/19 10:41	9/26/19 12:21	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 01, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19I0755-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2031 #1 (618 Forest St.)	9/23/19 7:40	dvd	*9/25/19 11:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.065 mg/L	1.3	9/27/19 15:12	9/30/19 18:44	rl	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	9/27/19 15:12	9/30/19 18:44	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0755-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2031 #2 (618 Forest St.)	9/23/19 7:41	dvd	*9/25/19 11:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.035 mg/L	1.3	9/27/19 15:12	9/30/19 18:45	rl	EPA 200.8 Rev. 5.4
Lead	0.0093 mg/L	0.015	9/27/19 15:12	9/30/19 18:45	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0755-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2032 #1 (706 Wheaton Ave.)	9/24/19 7:07	dvd	*9/25/19 11:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.087 mg/L	1.3	9/27/19 15:12	9/30/19 18:47	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/27/19 15:12	9/30/19 18:47	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 01, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19I0755-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2032 #2 (706 Wheaton Ave.)	9/24/19 7:08	dvd	*9/25/19 11:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	9/27/19 15:12	9/30/19 18:48	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/27/19 15:12	9/30/19 18:48	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0755-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1865.2 #1 (1715 Portage St.)	9/25/19 6:32	dvd	*9/25/19 11:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.059 mg/L	1.3	9/27/19 15:12	9/30/19 18:49	rl	EPA 200.8 Rev. 5.4
Lead	0.0015 mg/L	0.015	9/27/19 15:12	9/30/19 18:49	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0755-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1865.2 #2 (1715 Portage St.)	9/25/19 6:33	dvd	*9/25/19 11:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.063 mg/L	1.3	9/27/19 15:15	9/30/19 18:53	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/27/19 15:15	9/30/19 18:53	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19I0871-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1877.2 #1 (1107 Howard St.)	9/27/19 6:30	dvd	*9/29/19 10:01*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	9/30/19 15:22	10/3/19 17:37	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	9/30/19 15:22	10/3/19 17:37	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0871-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1877.2 #2 (1107 Howard St.)	9/27/19 6:31	dvd	*9/29/19 10:01*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.036 mg/L	1.3	9/30/19 15:22	10/3/19 17:38	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/30/19 15:22	10/3/19 17:38	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0871-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2044 #1 (901 Burr Oak Ct.)	9/26/19 17:20	dvd	*9/29/19 10:01*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.084 mg/L	1.3	9/30/19 15:22	10/3/19 17:39	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/30/19 15:22	10/3/19 17:39	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 04, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19I0871-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2044 #2 (901 Burr Oak Ct.)	9/26/19 17:21	dvd	*9/29/19 10:01*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.070 mg/L	1.3	9/30/19 15:22	10/3/19 17:41	rl	EPA 200.8 Rev. 5.4
Lead	0.0047 mg/L	0.015	9/30/19 15:22	10/3/19 17:41	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0871-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2046 #1 (518 Wheaton Ave.)	9/27/19 7:21	dvd	*9/29/19 10:01*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	9/30/19 15:22	10/3/19 17:42	rl	EPA 200.8 Rev. 5.4
Lead	0.0046 mg/L	0.015	9/30/19 15:22	10/3/19 17:42	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0871-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2046 #2 (518 Wheaton Ave.)	9/27/19 7:22	dvd	*9/29/19 10:01*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/30/19 15:22	10/3/19 17:43	rl	EPA 200.8 Rev. 5.4
Lead	**0.033 mg/L**	**0.015**	9/30/19 15:22	10/3/19 17:43	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 09, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0122-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1768.2 #1 1208 Warren Pl.	9/30/19 11:04	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	10/3/19 14:09	10/3/19 19:19	rl	EPA 200.8 Rev. 5.4
Lead	**0.025 mg/L**	**0.015**	10/3/19 14:09	10/3/19 19:19	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19J0122-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1768.2 #2 1208 Warren Pl.	9/30/19 11:05	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.028 mg/L	1.3	10/3/19 14:09	10/3/19 19:20	rl	EPA 200.8 Rev. 5.4
Lead	**0.061 mg/L**	**0.015**	10/3/19 14:09	10/3/19 19:20	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19J0122-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1775.2 #1 826 Howard St.	9/30/19 7:00	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.2 mg/L	1.3	10/3/19 14:09	10/3/19 19:21	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/3/19 14:09	10/3/19 19:21	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 09, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0122-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1775.2 #2 826 Howard St.	9/30/19 7:01	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.79 mg/L	1.3	10/3/19 14:09	10/3/19 19:23	rl	EPA 200.8 Rev. 5.4
Lead	0.0029 mg/L	0.015	10/3/19 14:09	10/3/19 19:23	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0122-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1826.2 #1 2241 Tipperary Rd.	9/30/19 8:02	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**2.4 mg/L**	**1.3**	10/3/19 14:09	10/8/19 13:01	rl	**EPA 200.8 Rev. 5.4**
Lead	<0.0010 mg/L	0.015	10/3/19 14:09	10/3/19 19:24	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0122-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1826.2 #2 2241 Tipperary Rd.	9/30/19 8:03	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.80 mg/L	1.3	10/3/19 14:09	10/3/19 19:25	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/3/19 14:09	10/3/19 19:25	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 09, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0122-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-2047 #1 526 Campbell Ave.	9/28/19 8:08	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.49 mg/L	1.3	10/3/19 14:09	10/3/19 19:27	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/3/19 14:09	10/3/19 19:27	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0122-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-2047 #2 526 Campbell Ave.	9/28/19 8:09	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	10/3/19 14:09	10/3/19 19:28	rl	EPA 200.8 Rev. 5.4
Lead	0.0030 mg/L	0.015	10/3/19 14:09	10/3/19 19:28	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0122-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-2051 #1 312 Burr Oak St.	10/1/19 6:49	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.030 mg/L	1.3	10/3/19 14:09	10/3/19 19:29	rl	EPA 200.8 Rev. 5.4
Lead	0.0036 mg/L	0.015	10/3/19 14:09	10/3/19 19:29	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 09, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0122-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-2051 #2 312 Burr Oak St.	10/1/19 6:50	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/3/19 14:09	10/3/19 19:33	rl	EPA 200.8 Rev. 5.4
Lead	0.0032 mg/L	0.015	10/3/19 14:09	10/3/19 19:33	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0122-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-2052.2 #1 635 Lake St.	10/1/19 7:06	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.041 mg/L	1.3	10/3/19 14:09	10/3/19 19:35	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/3/19 14:09	10/3/19 19:35	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0122-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-2052.2 #2 635 Lake St.	10/1/19 7:07	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.31 mg/L	1.3	10/3/19 14:09	10/3/19 19:36	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/3/19 14:09	10/3/19 19:36	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 09, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0122-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1774.2 #1 605 Pinehurst Blvd.	10/2/19 6:40	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.64 mg/L	1.3	10/3/19 14:09	10/3/19 19:37	rl	EPA 200.8 Rev. 5.4
Lead	0.0069 mg/L	0.015	10/3/19 14:09	10/3/19 19:37	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0122-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1774.2 #2 605 Pinehurst Blvd.	10/2/19 6:41	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	10/3/19 14:09	10/3/19 19:38	rl	EPA 200.8 Rev. 5.4
Lead	0.0071 mg/L	0.015	10/3/19 14:09	10/3/19 19:38	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0122-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1770.2 #1 1216 Summit Ave.	10/2/19 8:35	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.086 mg/L	1.3	10/3/19 14:09	10/3/19 19:40	rl	EPA 200.8 Rev. 5.4
Lead	0.0082 mg/L	0.015	10/3/19 14:09	10/3/19 19:40	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 09, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0122-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1770.2 #2 1216 Summit Ave.	10/2/19 8:36	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/3/19 14:09	10/3/19 19:41	rl	EPA 200.8 Rev. 5.4
Lead	0.0075 mg/L	0.015	10/3/19 14:09	10/3/19 19:41	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0122-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1787.2 #1 626 Pinehurst Blvd.	10/2/19 9:04	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.52 mg/L	1.3	10/3/19 14:09	10/3/19 19:42	rl	EPA 200.8 Rev. 5.4
Lead	0.0034 mg/L	0.015	10/3/19 14:09	10/3/19 19:42	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0122-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1787.2 #2 626 Pinehurst Blvd.	10/2/19 9:05	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.068 mg/L	1.3	10/3/19 14:09	10/3/19 19:44	rl	EPA 200.8 Rev. 5.4
Lead	**0.031 mg/L**	**0.015**	10/3/19 14:09	10/3/19 19:44	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 10, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoos Lead and Copper Compliance

TRACE ID: 19J0219-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1841.2 #1 2122 Kenwood St.	10/3/19 7:04	dvd	*10/4/19 10:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	10/8/19 10:01	10/9/19 14:58	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/8/19 10:01	10/9/19 14:58	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0219-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1841.2 #2 2122 Kenwood St.	10/3/19 7:05	dvd	*10/4/19 10:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/8/19 10:01	10/9/19 14:59	rl	EPA 200.8 Rev. 5.4
Lead	0.0015 mg/L	0.015	10/8/19 10:01	10/9/19 14:59	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0219-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1730.2 #1 1803 Baker Dr.	10/4/19 8:00	dvd	*10/4/19 10:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	10/8/19 10:01	10/9/19 15:01	rl	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	10/8/19 10:01	10/9/19 15:01	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 10, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoos Lead and Copper Compliance

TRACE ID: 19J0219-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1730.2 #2 1803 Baker Dr.	10/4/19 8:01	dvd	*10/4/19 10:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.17 mg/L	1.3	10/8/19 10:01	10/9/19 15:02	rl	EPA 200.8 Rev. 5.4
Lead	**0.023 mg/L**	**0.015**	10/8/19 10:01	10/9/19 15:02	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19J0219-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1780.2 #1 1615 Dover Rd.	10/4/19 7:00	dvd	*10/4/19 10:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.40 mg/L	1.3	10/8/19 10:01	10/9/19 15:03	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/8/19 10:01	10/9/19 15:03	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0219-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1780.2 #2 1615 Dover Rd.	10/4/19 7:01	dvd	*10/4/19 10:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.35 mg/L	1.3	10/8/19 10:01	10/9/19 15:05	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/8/19 10:01	10/9/19 15:05	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 16, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoos Lead & Copper Compliance

TRACE ID: 19J0386-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1760.2 #1 (1215 Merrill St.)	10/7/19 2:01	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.077 mg/L	1.3	10/14/19 14:31	10/15/19 16:03	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:31	10/15/19 16:03	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0386-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1760.2 #2 (1215 Merrill St.)	10/7/19 2:02	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.051 mg/L	1.3	10/14/19 14:31	10/15/19 16:04	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:31	10/15/19 16:04	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0386-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1766.2 #1 (1105 Warren Pl.)	10/8/19 6:06	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.57 mg/L	1.3	10/14/19 14:31	10/15/19 16:08	klv	EPA 200.8 Rev. 5.4
Lead	0.0050 mg/L	0.015	10/14/19 14:31	10/15/19 16:08	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 16, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoos Lead & Copper Compliance

TRACE ID: 19J0386-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1766.2 #2 (1105 Warren Pl.)	10/8/19 6:07	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.31 mg/L	1.3	10/14/19 14:31	10/15/19 16:09	klv	EPA 200.8 Rev. 5.4
Lead	**0.015 mg/L**	**0.015**	10/14/19 14:31	10/15/19 16:09	klv	**EPA 200.8 Rev. 5.4**

TRACE ID: 19J0386-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1817.2 #1 (4005 Andorra Ave.)	10/9/19 6:00	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.42 mg/L	1.3	10/14/19 14:31	10/15/19 16:11	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:31	10/15/19 16:11	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0386-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1817.2 #2 (4005 Andorra Ave.)	10/9/19 6:01	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.30 mg/L	1.3	10/14/19 14:31	10/15/19 16:12	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:31	10/15/19 16:12	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 16, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoos Lead & Copper Compliance

TRACE ID: 19J0386-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1825.2 #1 (923 S. Park St.)	10/9/19 8:30	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.78 mg/L	1.3	10/14/19 14:31	10/15/19 16:13	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:31	10/15/19 16:13	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0386-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1825.2 #2 (923 S. Park St.)	10/9/19 8:31	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.76 mg/L	1.3	10/14/19 14:31	10/15/19 16:14	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:31	10/15/19 16:14	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0386-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2054 #1 (1925 Commonwealth)	10/9/19 7:00	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/14/19 14:31	10/15/19 16:16	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:31	10/15/19 16:16	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 16, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoos Lead & Copper Compliance

TRACE ID: 19J0386-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2054 #2 (1925 Commonwealth)	10/9/19 7:01	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/14/19 14:31	10/15/19 16:17	klv	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	10/14/19 14:31	10/15/19 16:17	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0386-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2055 #1 (1809 Fulton St.)	10/9/19 8:00	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.056 mg/L	1.3	10/14/19 14:31	10/15/19 16:18	klv	EPA 200.8 Rev. 5.4
Lead	**0.042 mg/L**	**0.015**	10/14/19 14:31	10/15/19 16:18	klv	**EPA 200.8 Rev. 5.4**

TRACE ID: 19J0386-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2055 #2 (1809 Fulton St.)	10/9/19 8:01	dvd	*10/9/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.033 mg/L	1.3	10/14/19 14:31	10/15/19 16:20	klv	EPA 200.8 Rev. 5.4
Lead	0.0044 mg/L	0.015	10/14/19 14:31	10/15/19 16:20	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19J0516-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1692.2 #1 (2219 Fulton Ave.)	10/11/19 9:31	dvd	*10/11/19 10:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**2.7 mg/L**	**1.3**	10/14/19 14:34	10/15/19 17:05	klv	**EPA 200.8 Rev. 5.4**
Lead	0.0051 mg/L	0.015	10/14/19 14:34	10/15/19 16:43	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0516-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1692.2 #2 (2219 Fulton Ave.)	10/11/19 9:32	dvd	*10/11/19 10:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.28 mg/L	1.3	10/14/19 14:34	10/15/19 16:44	klv	EPA 200.8 Rev. 5.4
Lead	0.0042 mg/L	0.015	10/14/19 14:34	10/15/19 16:44	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0516-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1800.0 #1 (907 Lay Blvd.)	10/11/19 6:41	dvd	*10/11/19 10:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.17 mg/L	1.3	10/14/19 14:34	10/15/19 16:46	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:34	10/15/19 16:46	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19J0516-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1800.0 #2 (907 Lay Blvd.)	10/11/19 6:42	dvd	*10/11/19 10:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.048 mg/L	1.3	10/14/19 14:34	10/15/19 16:47	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:34	10/15/19 16:47	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0516-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1834.2 #1 (1115 Warren Place)	10/11/19 7:06	dvd	*10/11/19 10:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.47 mg/L	1.3	10/14/19 14:34	10/15/19 16:48	klv	EPA 200.8 Rev. 5.4
Lead	0.0065 mg/L	0.015	10/14/19 14:34	10/15/19 16:48	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0516-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1834.2 #2 (1115 Warren Place)	10/11/19 7:07	dvd	*10/11/19 10:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.064 mg/L	1.3	10/14/19 14:34	10/15/19 16:50	klv	EPA 200.8 Rev. 5.4
Lead	**0.023 mg/L**	**0.015**	10/14/19 14:34	10/15/19 16:50	klv	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19J0516-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1835.2 #1 (225 Old Orchard Place)	10/11/19 6:02	dvd	*10/11/19 10:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.061 mg/L	1.3	10/14/19 14:34	10/15/19 16:51	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:34	10/15/19 16:51	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0516-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1835.2 #2 (225 Old Orchard Place)	10/11/19 6:03	dvd	*10/11/19 10:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.038 mg/L	1.3	10/14/19 14:34	10/15/19 16:55	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:34	10/15/19 16:55	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0516-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1843.2 #1 (703 Whites Rd.)	10/10/19 17:40	dvd	*10/11/19 10:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.077 mg/L	1.3	10/14/19 14:34	10/15/19 16:56	klv	EPA 200.8 Rev. 5.4
Lead	0.0028 mg/L	0.015	10/14/19 14:34	10/15/19 16:56	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19J0516-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1843.2 #2 (703 Whites Rd.)	10/10/19 17:41	dvd	*10/11/19 10:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.056 mg/L	1.3	10/14/19 14:34	10/15/19 16:57	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/14/19 14:34	10/15/19 16:57	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

ANALYTICAL RESULTS

Trace Project ID: 19J0605
Client Project ID: Kalamazoos Lead and Copper

Trace ID: 19J0605-01 Date Collected: 10/15/19 06:32 Matrix: Drinking Water
Sample ID: LCS-1802.2 #1 1912 COMMONWEALTH Date Received: 10/15/19 13:50

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
METALS, TOTAL										
Analysis Method: EPA 200.8 Rev. 5.4										
Batch: T092157										
Copper	**0.61**	**mg/L**	**0.025**	**1**	**10/17/19**	**rl**	**10/22/19**	**klv**	**N**	**1.3**
Lead	<0.0010	mg/L	0.0010	1	10/17/19	rl	10/22/19	klv	N	0.015

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

ANALYTICAL RESULTS

Trace Project ID: 19J0605
Client Project ID: Kalamazoos Lead and Copper

Trace ID: 19J0605-02 | Date Collected: 10/15/19 06:33 | Matrix: Drinking Water
Sample ID: LCS-1802.2 #2 1912 COMMONWEALTH | Date Received: 10/15/19 13:50

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
METALS, TOTAL										
Analysis Method: EPA 200.8 Rev. 5.4										
Batch: T092157										
Copper	**0.12**	**mg/L**	**0.025**	**1**	**10/17/19**	**rl**	**10/22/19**	**klv**	**N**	**1.3**
Lead	**0.0026**	**mg/L**	**0.0010**	**1**	**10/17/19**	**rl**	**10/22/19**	**klv**	**N**	**0.015**

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

ANALYTICAL RESULTS

Trace Project ID: 19J0605
Client Project ID: Kalamazoos Lead and Copper

Trace ID: 19J0605-03 | Date Collected: 10/15/19 07:00 | Matrix: Drinking Water
Sample ID: LCS-1808.2 #1 1922 COMMONWEALTH | Date Received: 10/15/19 13:50

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
METALS, TOTAL										
Analysis Method: EPA 200.8 Rev. 5.4										
Batch: T092157										
Copper	**0.50**	**mg/L**	**0.025**	**1**	**10/17/19**	**rl**	**10/22/19**	**klv**	**N**	**1.3**
Lead	<0.0010	mg/L	0.0010	1	10/17/19	rl	10/22/19	klv	N	0.015

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

ANALYTICAL RESULTS

Trace Project ID: 19J0605
Client Project ID: Kalamazoos Lead and Copper

Trace ID: 19J0605-04 | Date Collected: 10/15/19 07:01 | Matrix: Drinking Water
Sample ID: LCS-1808.2 #2 1922 COMMONWEALTH | Date Received: 10/15/19 13:50

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
METALS, TOTAL										
Analysis Method: EPA 200.8 Rev. 5.4										
Batch: T092157										
Copper	**0.21**	**mg/L**	**0.025**	**1**	**10/17/19**	**rl**	**10/22/19**	**klv**	**N**	**1.3**
Lead	**0.0023**	**mg/L**	**0.0010**	**1**	**10/17/19**	**rl**	**10/22/19**	**klv**	**N**	**0.015**

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

ANALYTICAL RESULTS

Trace Project ID: 19J0605
Client Project ID: Kalamazoos Lead and Copper

Trace ID: 19J0605-05 Date Collected: 10/15/19 05:59 Matrix: Drinking Water
Sample ID: LCS-1837.2 #1 121 W. BELMONT ST. Date Received: 10/15/19 13:50

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
METALS, TOTAL										
Analysis Method: EPA 200.8 Rev. 5.4										
Batch: T092157										
Copper	**0.093**	**mg/L**	**0.025**	**1**	**10/17/19**	**rl**	**10/22/19**	**klv**	**N**	**1.3**
Lead	<0.0010	mg/L	0.0010	1	10/17/19	rl	10/22/19	klv	N	0.015

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

ANALYTICAL RESULTS

Trace Project ID: 19J0605
Client Project ID: Kalamazoos Lead and Copper

Trace ID: 19J0605-06 Date Collected: 10/15/19 06:00 Matrix: Drinking Water
Sample ID: LCS-1837.2 #2 121 W. BELMONT ST. Date Received: 10/15/19 13:50

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
METALS, TOTAL										
Analysis Method: EPA 200.8 Rev. 5.4										
Batch: T092157										
Copper	**0.060**	**mg/L**	**0.025**	**1**	**10/17/19**	**rl**	**10/22/19**	**klv**	**N**	**1.3**
Lead	<0.0010	mg/L	0.0010	1	10/17/19	rl	10/22/19	klv	N	0.015

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

QUALITY CONTROL RESULTS

Trace Project ID: 19J0605
Client Project ID: Kalamazoos Lead and Copper

QC Batch: T092157
QC Batch Method: Turbidity Check

Analysis Description: Copper, Total
Analysis Method: EPA 200.8 Rev. 5.4

METHOD BLANK: T092157-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Copper	mg/L	<0.025	0.025	
Lead	mg/L	<0.0010	0.0010	

LABORATORY CONTROL SAMPLE: T092157-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Copper	mg/L	0.0600	0.0655	109	85-115	
Lead	mg/L	0.0600	0.0639	107	85-115	

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19J0766-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1721.2 #1 (1844 Alamo Ave.)	10/16/19 7:04	dvd	*10/18/19 12:46*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.084 mg/L	1.3	10/22/19 9:43	10/30/19 16:01	klv	EPA 200.8 Rev. 5.4
Lead	0.011 mg/L	0.015	10/22/19 9:43	10/30/19 16:01	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0766-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1721.2 #2 (1844 Alamo Ave.)	10/16/19 7:05	dvd	*10/18/19 12:46*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/22/19 9:43	10/30/19 16:02	klv	EPA 200.8 Rev. 5.4
Lead	**0.017 mg/L**	**0.015**	10/22/19 9:43	10/30/19 16:02	klv	**EPA 200.8 Rev. 5.4**

TRACE ID: 19J0766-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1754.2 #1 (1316 W. Maple St.)	10/16/19 7:38	dvd	*10/18/19 12:46*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.41 mg/L	1.3	10/22/19 9:43	10/30/19 16:06	klv	EPA 200.8 Rev. 5.4
Lead	0.0021 mg/L	0.015	10/22/19 9:43	10/30/19 16:06	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19J0766-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1754.2 #2 (1316 W. Maple St.)	10/16/19 7:39	dvd	*10/18/19 12:46*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.40 mg/L	1.3	10/22/19 9:43	10/30/19 16:07	klv	EPA 200.8 Rev. 5.4
Lead	0.0020 mg/L	0.015	10/22/19 9:43	10/30/19 16:07	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0766-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2059 #1 (613 Pearl St.)	10/16/19 6:06	dvd	*10/18/19 12:46*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.056 mg/L	1.3	10/22/19 9:43	10/30/19 16:08	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/22/19 9:43	10/30/19 16:08	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0766-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2059 #2 (613 Pearl St.)	10/16/19 6:07	dvd	*10/18/19 12:46*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.23 mg/L	1.3	10/22/19 9:43	10/30/19 16:10	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/22/19 9:43	10/30/19 16:10	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19J0766-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1757.2 #1 (448 Campbell Ave.)	10/17/19 8:00	dvd	*10/18/19 12:46*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.056 mg/L	1.3	10/22/19 9:43	10/30/19 16:11	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/22/19 9:43	10/30/19 16:11	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0766-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1757.2 #2 (448 Campbell Ave.)	10/17/19 8:01	dvd	*10/18/19 12:46*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	10/22/19 9:43	10/30/19 16:12	klv	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	10/22/19 9:43	10/30/19 16:12	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0866-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1691.2 #1 1708 Fulton St	10/21/19 6:33	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/24/19 11:37	10/30/19 17:12	klv	EPA 200.8 Rev. 5.4
Lead	0.0020 mg/L	0.015	10/24/19 11:37	10/30/19 17:12	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1691.2 #2 1708 Fulton St	10/21/19 6:34	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/24/19 11:37	10/30/19 17:14	klv	EPA 200.8 Rev. 5.4
Lead	0.0011 mg/L	0.015	10/24/19 11:37	10/30/19 17:14	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1697.2 #1 1314 Lay Blvd	10/21/19 7:06	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.57 mg/L	1.3	10/24/19 11:37	10/30/19 17:15	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:15	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0866-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1697.2 #2 1314 Lay Blvd	10/21/19 7:07	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.074 mg/L	1.3	10/24/19 11:37	10/30/19 17:16	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:16	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1776.2 #1 712 Pinehurst Blvd	10/19/19 15:33	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.046 mg/L	1.3	10/24/19 11:37	10/30/19 17:18	klv	EPA 200.8 Rev. 5.4
Lead	0.0055 mg/L	0.015	10/24/19 11:37	10/30/19 17:18	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1776.2 #2 712 Pinehurst Blvd	10/19/19 15:34	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.046 mg/L	1.3	10/24/19 11:37	10/30/19 17:19	klv	EPA 200.8 Rev. 5.4
Lead	0.0062 mg/L	0.015	10/24/19 11:37	10/30/19 17:19	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0866-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1713.2 #1 519 Phillips St	10/22/19 5:37	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	10/24/19 11:37	10/30/19 17:20	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:20	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1713.2 #2 519 Phillips St	10/22/19 5:37	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.056 mg/L	1.3	10/24/19 11:37	10/30/19 17:24	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:24	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1734.2 #1 2022 Alamo Ave	10/22/19 7:00	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.74 mg/L	1.3	10/24/19 11:37	10/30/19 17:26	klv	EPA 200.8 Rev. 5.4
Lead	0.0040 mg/L	0.015	10/24/19 11:37	10/30/19 17:26	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0866-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1734.2 #2 2022 Alamo Ave	10/22/19 7:01	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.094 mg/L	1.3	10/24/19 11:37	10/30/19 17:27	klv	EPA 200.8 Rev. 5.4
Lead	0.0025 mg/L	0.015	10/24/19 11:37	10/30/19 17:27	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1744.2 #1 2804 Duke St	10/22/19 6:42	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.82 mg/L	1.3	10/24/19 11:37	10/30/19 17:28	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:28	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1744.2 #2 2804 Duke St	10/22/19 6:43	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.13 mg/L	1.3	10/24/19 11:37	10/30/19 17:29	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:29	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0866-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1764.2 #1 1525 Merrill St.	10/22/19 7:35	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.18 mg/L	1.3	10/24/19 11:37	10/30/19 17:31	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:31	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1764.2 #2 1525 Merrill St.	10/22/19 7:36	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.051 mg/L	1.3	10/24/19 11:37	10/30/19 17:32	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:32	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1816.2 #1 1630 Merrill St	10/22/19 10:01	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.91 mg/L	1.3	10/24/19 11:37	10/30/19 17:33	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:33	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0866-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1816.2 #2 1630 Merrill St	10/22/19 10:02	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.20 mg/L	1.3	10/24/19 11:37	10/30/19 17:35	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:35	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1695.2 #1 1104 Lane Blvd	10/23/19 7:07	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/24/19 11:37	10/30/19 17:36	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:36	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1695.2 #2 1104 Lane Blvd	10/23/19 7:08	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/24/19 11:37	10/30/19 17:40	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:40	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0866-19

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1786.2 #1 210 Gilkison Ave	10/23/19 8:04	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.20 mg/L	1.3	10/24/19 11:37	10/30/19 17:41	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:41	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0866-20

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1786.2 #2 210 Gilkison Ave	10/23/19 8:06	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	10/24/19 11:37	10/30/19 17:43	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/24/19 11:37	10/30/19 17:43	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J1087-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1748.2 #1 1612 N Park St	10/25/19 15:17	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/31/19 14:32	11/6/19 16:38	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/31/19 14:32	11/6/19 16:38	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J1087-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1748.2 #2 1612 N Park St	10/25/19 15:18	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/31/19 14:32	11/6/19 16:42	klv	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	10/31/19 14:32	11/6/19 16:42	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J1087-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1821.2 #1 220 W. Dunkley St	10/28/19 6:08	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.026 mg/L	1.3	10/31/19 14:32	11/6/19 16:44	klv	EPA 200.8 Rev. 5.4
Lead	0.0086 mg/L	0.015	10/31/19 14:32	11/6/19 16:44	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J1087-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1821.2 #2 220 W. Dunkley St	10/28/19 6:08	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.034 mg/L	1.3	10/31/19 14:32	11/6/19 16:45	klv	EPA 200.8 Rev. 5.4
Lead	**0.015 mg/L**	**0.015**	10/31/19 14:32	11/6/19 16:45	klv	**EPA 200.8 Rev. 5.4**

TRACE ID: 19J1087-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1824.2 #1 1223 Cobb Ave	10/28/19 8:03	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/31/19 14:32	11/6/19 16:46	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/31/19 14:32	11/6/19 16:46	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J1087-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1824.2 #2 1223 Cobb Ave	10/28/19 8:04	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/31/19 14:32	11/6/19 16:48	klv	EPA 200.8 Rev. 5.4
Lead	0.0098 mg/L	0.015	10/31/19 14:32	11/6/19 16:48	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J1087-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1851.2 #1 1012 Woodward Ave	10/28/19 7:36	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.042 mg/L	1.3	10/31/19 14:32	11/6/19 16:49	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/31/19 14:32	11/6/19 16:49	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J1087-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1851.2 #2 1012 Woodward Ave	10/28/19 7:37	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	10/31/19 14:32	11/7/19 10:45	klv	EPA 200.8 Rev. 5.4
Lead	0.0020 mg/L	0.015	10/31/19 14:32	11/6/19 16:50	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J1087-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1767.2 #1 102 Gilkison Ave	10/29/19 7:32	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.57 mg/L	1.3	10/31/19 14:32	11/7/19 10:47	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/31/19 14:32	11/6/19 16:52	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J1087-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1767.2 #2 102 Gilkison Ave	10/29/19 7:33	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.44 mg/L	1.3	10/31/19 14:32	11/7/19 10:48	klv	EPA 200.8 Rev. 5.4
Lead	0.0038 mg/L	0.015	10/31/19 14:32	11/6/19 16:53	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J1087-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1807.2 #1 1818 Buena Vista St	10/29/19 8:33	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	10/31/19 14:32	11/7/19 10:50	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/31/19 14:32	11/6/19 16:54	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J1087-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1807.2 #2 1818 Buena Vista St	10/29/19 8:34	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/31/19 14:32	11/6/19 16:58	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/31/19 14:32	11/6/19 16:58	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J1087-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-206.8 #1 809 Pinehurst Blvd	10/29/19 8:12	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.49 mg/L	1.3	10/31/19 14:32	11/7/19 10:52	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/31/19 14:32	11/6/19 16:59	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J1087-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-206.8 #2 809 Pinehurst Blvd	10/29/19 8:13	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.087 mg/L	1.3	10/31/19 14:32	11/6/19 17:01	klv	EPA 200.8 Rev. 5.4
Lead	0.0014 mg/L	0.015	10/31/19 14:32	11/6/19 17:01	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J1087-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1771.2 #1 1828 Commonwealth	10/30/19 6:19	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.073 mg/L	1.3	10/31/19 14:32	11/6/19 17:02	klv	EPA 200.8 Rev. 5.4
Lead	0.0012 mg/L	0.015	10/31/19 14:32	11/6/19 17:02	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 07, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J1087-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1771.2 #2 1828 Commonwealth	10/30/19 6:20	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/31/19 14:32	11/6/19 17:03	klv	EPA 200.8 Rev. 5.4
Lead	0.0067 mg/L	0.015	10/31/19 14:32	11/6/19 17:03	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J1087-17

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1866.2 #1 620 Elizabeth St	10/29/19 17:00	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.048 mg/L	1.3	10/31/19 14:35	11/1/19 17:19	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/31/19 14:35	11/1/19 17:19	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J1087-18

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1866.2 #2 620 Elizabeth St	10/29/19 17:00	dvd	*10/30/19 14:20*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	10/31/19 14:35	11/1/19 17:29	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/31/19 14:35	11/1/19 17:29	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19J0896-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1791.2 #1 622 Lay Blvd.	10/21/19 13:30	dvd	*10/24/19 8:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.22 mg/L	1.3	10/25/19 12:41	10/30/19 17:05	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/25/19 12:41	10/30/19 17:05	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0896-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1791.2 #2 622 Lay Blvd.	10/21/19 13:31	dvd	*10/24/19 8:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.31 mg/L	1.3	10/25/19 12:41	10/30/19 17:09	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/25/19 12:41	10/30/19 17:09	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19J0994-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1813.2 #1 (428 Wealthy St.)	10/24/19 6:05	dvd	*10/25/19 11:43*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.2 mg/L	1.3	10/28/19 16:58	10/30/19 15:27	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/28/19 16:58	10/30/19 15:27	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0994-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1813.2 #2 (428 Wealthy St.)	10/24/19 6:06	dvd	*10/25/19 11:43*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.25 mg/L	1.3	10/28/19 16:58	10/30/19 15:28	klv	EPA 200.8 Rev. 5.4
Lead	0.0035 mg/L	0.015	10/28/19 16:58	10/30/19 15:28	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0994-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1819.2 #1 (1713 Fulton St.)	10/24/19 15:30	dvd	*10/25/19 11:43*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	10/28/19 16:58	10/30/19 15:30	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/28/19 16:58	10/30/19 15:30	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19J0994-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1819.2 #2 (1713 Fulton St.)	10/24/19 15:31	dvd	*10/25/19 11:43*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.035 mg/L	1.3	10/28/19 16:58	10/30/19 15:31	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/28/19 16:58	10/30/19 15:31	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0994-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1828.2 #1 (1424 Fulton St.)	10/24/19 9:11	dvd	*10/25/19 11:43*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	10/28/19 16:58	10/30/19 15:35	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/28/19 16:58	10/30/19 15:35	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0994-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1828.2 #2 (1424 Fulton St.)	10/24/19 9:12	dvd	*10/25/19 11:43*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	10/28/19 16:58	10/30/19 15:36	klv	EPA 200.8 Rev. 5.4
Lead	0.0034 mg/L	0.015	10/28/19 16:58	10/30/19 15:36	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19J0994-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1831.2 #1 (701 William St.)	10/24/19 7:49	dvd	*10/25/19 11:43*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.065 mg/L	1.3	10/28/19 16:58	10/30/19 15:37	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/28/19 16:58	10/30/19 15:37	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0994-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1831.2 #2 (701 William St.)	10/24/19 7:50	dvd	*10/25/19 11:43*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	10/28/19 16:58	10/30/19 15:38	klv	EPA 200.8 Rev. 5.4
Lead	0.0023 mg/L	0.015	10/28/19 16:58	10/30/19 15:38	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0994-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1839.2 #1 (1218 Woodward Ave.)	10/25/19 6:04	dvd	*10/25/19 11:43*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.030 mg/L	1.3	10/28/19 16:58	10/30/19 15:40	klv	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	10/28/19 16:58	10/30/19 15:40	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19J0994-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1839.2 #2 (1218 Woodward Ave.)	10/25/19 6:05	dvd	*10/25/19 11:43*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.025 mg/L	1.3	10/28/19 16:58	10/30/19 15:41	klv	EPA 200.8 Rev. 5.4
Lead	0.0011 mg/L	0.015	10/28/19 16:58	10/30/19 15:41	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: 19K0024-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1889.2 #1 431 Elm St.	10/31/19 9:33	dvd	*11/1/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	11/4/19 16:48	11/6/19 17:24	klv	EPA 200.8 Rev. 5.4
Lead	0.0019 mg/L	0.015	11/4/19 16:48	11/6/19 17:24	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19K0024-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1889.2 #2 431 Elm St.	10/31/19 9:33	dvd	*11/1/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.026 mg/L	1.3	11/4/19 16:48	11/6/19 17:25	klv	EPA 200.8 Rev. 5.4
Lead	0.0019 mg/L	0.015	11/4/19 16:48	11/6/19 17:25	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 14, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19K0133-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1806.2 #1 (2145 Waite Avenue)	11/5/19 6:34	dvd	*11/6/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.1 mg/L	1.3	11/6/19 17:13	11/13/19 16:50	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/6/19 17:13	11/13/19 16:50	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0133-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1806.2 #2 (2145 Waite Avenue)	11/5/19 6:35	dvd	*11/6/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.43 mg/L	1.3	11/6/19 17:13	11/13/19 16:51	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/6/19 17:13	11/13/19 16:51	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0133-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1867.2 #1 (126 Gilkison Ave.)	11/5/19 17:30	dvd	*11/6/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	11/6/19 17:13	11/13/19 16:53	rl	EPA 200.8 Rev. 5.4
Lead	0.0015 mg/L	0.015	11/6/19 17:13	11/13/19 16:53	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 14, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19K0133-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1867.2 #2 (126 Gilkison Ave.)	11/5/19 17:31	dvd	*11/6/19 12:40*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.034 mg/L	1.3	11/6/19 17:13	11/13/19 16:54	rl	EPA 200.8 Rev. 5.4
Lead	0.0036 mg/L	0.015	11/6/19 17:13	11/13/19 16:54	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19K0263-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1738.2 #1 (217 W. Paterson St.)	11/12/19 9:00	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.51 mg/L	1.3	11/14/19 9:40	11/15/19 10:45	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 10:45	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0263-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1738.2 #2 (217 W. Paterson St.)	11/12/19 9:01	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.046 mg/L	1.3	11/14/19 9:40	11/15/19 10:46	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 10:46	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0263-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1895.2 #1 (3607 Barnard Ave.)	11/9/19 9:01	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.2 mg/L	1.3	11/14/19 9:40	11/15/19 10:48	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 10:48	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19K0263-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1895.2 #2 (3607 Barnard Ave.)	11/9/19 9:02	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	11/14/19 9:40	11/15/19 10:49	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 10:49	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0263-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2082 #1 (1822 Alamo Ave.)	11/12/19 8:10	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.35 mg/L	1.3	11/14/19 9:40	11/15/19 10:51	rl	EPA 200.8 Rev. 5.4
Lead	0.0043 mg/L	0.015	11/14/19 9:40	11/15/19 10:51	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0263-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2082 #2 (1822 Alamo Ave.)	11/12/19 8:11	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.26 mg/L	1.3	11/14/19 9:40	11/15/19 10:52	rl	EPA 200.8 Rev. 5.4
Lead	0.0086 mg/L	0.015	11/14/19 9:40	11/15/19 10:52	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19K0263-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1736.2 #1 (1606 Palmer Ave.)	11/13/19 6:10	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.7 mg/L**	**1.3**	11/14/19 9:40	11/15/19 10:53	rl	**EPA 200.8 Rev. 5.4**
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 10:53	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0263-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1736.2 #2 (1606 Palmer Ave.)	11/13/19 6:11	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.57 mg/L	1.3	11/14/19 9:40	11/15/19 10:55	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 10:55	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0263-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1812.2 #1 (308 Creston Ave.)	11/13/19 10:00	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.1 mg/L	1.3	11/14/19 9:40	11/15/19 10:59	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 10:59	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19K0263-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1812.2 #2 (308 Creston Ave.)	11/13/19 10:01	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.077 mg/L	1.3	11/14/19 9:40	11/15/19 11:00	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 11:00	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0263-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1840.2 #1 (712 Whites Rd.)	11/13/19 7:32	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	11/14/19 9:40	11/15/19 11:02	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 11:02	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0263-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1840.2 #2 (712 Whites Rd.)	11/13/19 7:33	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.039 mg/L	1.3	11/14/19 9:40	11/15/19 11:03	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 11:03	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19K0263-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2079 #1 (1309 Palmer Ave.)	11/13/19 6:59	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.028 mg/L	1.3	11/14/19 9:40	11/15/19 11:05	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 11:05	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0263-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2079 #2 (1309 Palmer Ave.)	11/13/19 7:00	dvd	*11/13/19 10:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	11/14/19 9:40	11/15/19 11:06	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/14/19 9:40	11/15/19 11:06	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 14, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Compliance

TRACE ID: 19K0230-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-2080 #1 1139 Race St.	11/8/19 8:39	dvd	*11/8/19 12:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.080 mg/L	1.3	11/13/19 12:49	11/13/19 17:23	rl	EPA 200.8 Rev. 5.4
Lead	0.0088 mg/L	0.015	11/13/19 12:49	11/13/19 17:23	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0230-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-2080 #2 1139 Race St.	11/8/19 8:40	dvd	*11/8/19 12:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	11/13/19 12:49	11/13/19 17:24	rl	EPA 200.8 Rev. 5.4
Lead	0.0037 mg/L	0.015	11/13/19 12:49	11/13/19 17:24	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 20, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead & Copper Compliance

TRACE ID: 19K0411-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2084 #1 (2820 Duke St.)	11/13/19 17:20	dvd	*11/15/19 12:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.027 mg/L	1.3	11/19/19 15:08	11/19/19 17:31	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/19/19 15:08	11/19/19 17:31	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19K0411-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2084 #2 (2820 Duke St.)	11/13/19 17:21	dvd	*11/15/19 12:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.036 mg/L	1.3	11/19/19 15:08	11/19/19 17:35	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/19/19 15:08	11/19/19 17:35	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19K0623-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1847.2 #1 (2309 S. Westnedge)	11/21/19 15:00	dvd	*11/22/19 11:25*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.030 mg/L	1.3	11/25/19 11:00	11/25/19 12:35	ckd	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	11/25/19 11:00	11/25/19 12:35	ckd	EPA 200.8 Rev. 5.4

TRACE ID: 19K0623-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1847.2 #2 (2309 S. Westnedge)	11/21/19 15:01	dvd	*11/22/19 11:25*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	11/25/19 11:00	11/25/19 12:42	ckd	EPA 200.8 Rev. 5.4
Lead	0.0011 mg/L	0.015	11/25/19 11:00	11/25/19 12:42	ckd	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Water Tech
A Testing Laboratory
718 S. Michigan Howell, MI 48843

WATER ANALYSIS RESULTS

To:
Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

Date Sampled: 4/25/2019 8:36
Date Received: 4/26/2019
Collected By:
Sample Point: Cabin A

Sample ID:
001
90128

Lab Sample Number: 120949-01

Test Parameter	Result	Units	RL	Method	Analysis Date	Maximum Desired Limit
Total Copper	1.1	mg/L	0.01	EPA200.8	4/27/2019 0:00	1.3
Total Lead	0.001	mg/L	0.001	EPA200.8	4/27/2019 0:00	0.015

Released By: _____ **Date:** 4/30/2019

Laboratory #23 assigned by the Michigan Department of Environmental Quality for the microbiological and chemical analysis of drinking water.

ABBREVIATIONS:
RL = Lowest reporting level
MCL = Maximum Contaminant Level - The maximum permissible level established by the USEPA and or MDEQ for safe drinking water.
SMCL = Secondary Maximum Contaminant Level - Suggested maximum level established by the USEPA for desirableable water quality.
CFU/100 ml = Colony Forming Units/100 milliliter sample volume.
mg/L = Milligrams per liter (= parts per million).

Water Tech
A Testing Laboratory
718 S. Michigan Howell, MI 48843

WATER ANALYSIS RESULTS

To:
Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

Date Sampled: 4/25/2019 8:15
Date Received: 4/26/2019
Collected By:
Sample Point: McCrary Kitchen

Sample ID:
002
90128

Lab Sample Number: 120949-02

Test Parameter	Result	Units	RL	Method	Analysis Date	Maximum Desired Limit
Total Copper	0.110	mg/L	0.01	EPA200.8	4/27/2019 0:00	1.3
Total Lead	0.003	mg/L	0.001	EPA200.8	4/27/2019 0:00	0.015

Released By: _____ **Date:** 4/30/2019

Laboratory #23 assigned by the Michigan Department of Environmental Quality for the microbiological and chemical analysis of drinking water.

ABBREVIATIONS:
RL = Lowest reporting level
MCL = Maximum Contaminant Level - The maximum permissible level established by the USEPA and or MDEQ for safe drinking water.
SMCL = Secondary Maximum Contaminant Level - Suggested maximum level established by the USEPA for desirableable water quality.
CFU/100 ml = Colony Forming Units/100 milliliter sample volume.
mg/L = Milligrams per liter (= parts per million).

Water Tech
A Testing Laboratory
718 S. Michigan Howell, MI 48843

WATER ANALYSIS RESULTS

To:

Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

Date Sampled: 4/25/2019 8:20
Date Received: 4/26/2019
Collected By:
Sample Point: Sheriff/Vander Ploeg Housekeep

Sample ID:
003
90128

Lab Sample Number: 120949-03

Test Parameter	Result	Units	RL	Method	Analysis Date	Maximum Desired Limit
Total Copper	0.150	mg/L	0.01	EPA200.8	4/27/2019 0:00	1.3
Total Lead	0.005	mg/L	0.001	EPA200.8	4/27/2019 0:00	0.015

Released By: _____ **Date:** 4/30/2019

Laboratory #23 assigned by the Michigan Department of Environmental Quality for the microbiological and chemical analysis of drinking water.

ABBREVIATIONS:
RL = Lowest reporting level
MCL = Maximum Contaminant Level - The maximum permissible level established by the USEPA and or MDEQ for safe drinking water.
SMCL = Secondary Maximum Contaminant Level - Suggested maximum level established by the USEPA for desirableable water quality.
CFU/100 ml = Colony Forming Units/100 milliliter sample volume.
mg/L = Milligrams per liter (= parts per million).

Water Tech
A Testing Laboratory
718 S. Michigan Howell, MI 48843

WATER ANALYSIS RESULTS

To:
Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

Date Sampled: 4/25/2019 8:29
Date Received: 4/26/2019
Collected By:
Sample Point: Stack Room 237

Sample ID:
004
90128

Lab Sample Number: 120949-04

Test Parameter	Result	Units	RL	Method	Analysis Date	Maximum Desired Limit
Total Copper	0.420	mg/L	0.01	EPA200.8	4/27/2019 0:00	1.3
Total Lead	0.019*	mg/L	0.001	EPA200.8	4/27/2019 0:00	0.015

*Exceeds the Maximum Contaminant Level for safe drinking water.

Released By: _____ **Date:** 4/30/2019

Laboratory #23 assigned by the Michigan Department of Environmental Quality for the microbiological and chemical analysis of drinking water.

ABBREVIATIONS:
RL = Lowest reporting level
MCL = Maximum Contaminant Level - The maximum permissible level established by the USEPA and or MDEQ for safe drinking water.
SMCL = Secondary Maximum Contaminant Level - Suggested maximum level established by the USEPA for desirableable water quality.
CFU/100 ml = Colony Forming Units/100 milliliter sample volume.
mg/L = Milligrams per liter (= parts per million).

Water Tech
A Testing Laboratory
718 S. Michigan Howell, MI 48843

WATER ANALYSIS RESULTS

To:

Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

Date Sampled: 4/25/2019 8:29
Date Received: 4/26/2019
Collected By:
Sample Point: Academic Room 222

Sample ID:
005
90128

Lab Sample Number: 120949-05

Test Parameter	Result	Units	RL	Method	Analysis Date	Maximum Desired Limit
Total Copper	0.300	mg/L	0.01	EPA200.8	4/27/2019 0:00	1.3
Total Lead	0.007	mg/L	0.001	EPA200.8	4/27/2019 0:00	0.015

Released By: 

Date: 4/30/2019

Laboratory #23 assigned by the Michigan Department of Environmental Quality for the microbiological and chemical analysis of drinking water.

ABBREVIATIONS:
RL = Lowest reporting level
MCL = Maximum Contaminant Level - The maximum permissible level established by the USEPA and or MDEQ for safe drinking water.
SMCL = Secondary Maximum Contaminant Level - Suggested maximum level established by the USEPA for desirableable water quality.
CFU/100 ml = Colony Forming Units/100 milliliter sample volume.
mg/L = Milligrams per liter (= parts per million).

Water Tech
A Testing Laboratory
718 S. Michigan Howell, MI 48843

WATER ANALYSIS RESULTS

To:
Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

Date Sampled: 4/25/2019 8:41
Date Received: 4/26/2019
Collected By:
Sample Point: Orchard Dorms 1A

Sample ID:
006
90128

Lab Sample Number: 120949-06

Test Parameter	Result	Units	RL	Method	Analysis Date	Maximum Desired Limit
Total Copper	0.630	mg/L	0.01	EPA200.8	4/27/2019 0:00	1.3
Total Lead	0.008	mg/L	0.001	EPA200.8	4/27/2019 0:00	0.015

Released By: _____ **Date:** 4/30/2019

Laboratory #23 assigned by the Michigan Department of Environmental Quality for the microbiological and chemical analysis of drinking water.

ABBREVIATIONS:
RL = Lowest reporting level
MCL = Maximum Contaminant Level - The maximum permissible level established by the USEPA and or MDEQ for safe drinking water.
SMCL = Secondary Maximum Contaminant Level - Suggested maximum level established by the USEPA for desirableable water quality.
CFU/100 ml = Colony Forming Units/100 milliliter sample volume.
mg/L = Milligrams per liter (= parts per million).

Water Tech
A Testing Laboratory
718 S. Michigan Howell, MI 48843

WATER ANALYSIS RESULTS

To:
Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

Date Sampled: 4/25/2019 8:41
Date Received: 4/26/2019
Collected By:
Sample Point: Orchard Dorms 1B

Sample ID:
007
90128

Lab Sample Number: 120949-07

Test Parameter	Result	Units	RL	Method	Analysis Date	Maximum Desired Limit
Total Copper	0.560	mg/L	0.01	EPA200.8	4/27/2019 0:00	1.3
Total Lead	0.008	mg/L	0.001	EPA200.8	4/27/2019 0:00	0.015

Released By: _____ **Date:** 4/30/2019

Laboratory #23 assigned by the Michigan Department of Environmental Quality for the microbiological and chemical analysis of drinking water.

ABBREVIATIONS:
RL = Lowest reporting level
MCL = Maximum Contaminant Level - The maximum permissible level established by the USEPA and or MDEQ for safe drinking water.
SMCL = Secondary Maximum Contaminant Level - Suggested maximum level established by the USEPA for desirableable water quality.
CFU/100 ml = Colony Forming Units/100 milliliter sample volume.
mg/L = Milligrams per liter (= parts per million).

Water Tech
A Testing Laboratory
718 S. Michigan Howell, MI 48843

WATER ANALYSIS RESULTS

To:
Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

Date Sampled: 4/25/2019 8:43
Date Received: 4/26/2019
Collected By:
Sample Point: Orchard Dorms 4B

Sample ID:
008
90128

Lab Sample Number: 120949-08

Test Parameter	Result	Units	RL	Method	Analysis Date	Maximum Desired Limit
Total Copper	0.200	mg/L	0.01	EPA200.8	4/27/2019 0:00	1.3
Total Lead	0.005	mg/L	0.001	EPA200.8	4/27/2019 0:00	0.015

Released By: _____ **Date:** 4/30/2019

Laboratory #23 assigned by the Michigan Department of Environmental Quality for the microbiological and chemical analysis of drinking water.

ABBREVIATIONS:
RL = Lowest reporting level
MCL = Maximum Contaminant Level - The maximum permissible level established by the USEPA and or MDEQ for safe drinking water.
SMCL = Secondary Maximum Contaminant Level - Suggested maximum level established by the USEPA for desirableable water quality.
CFU/100 ml = Colony Forming Units/100 milliliter sample volume.
mg/L = Milligrams per liter (= parts per million).

Water Tech
A Testing Laboratory
718 S. Michigan Howell, MI 48843

WATER ANALYSIS RESULTS

To:

Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

Date Sampled: 4/25/2019 8:45
Date Received: 4/26/2019
Collected By:
Sample Point: Orchard Dorms 5A

Sample ID:
009
90128

Lab Sample Number: 120949-09

Test Parameter	Result	Units	RL	Method	Analysis Date	Maximum Desired Limit
Total Copper	0.510	mg/L	0.01	EPA200.8	4/27/2019 0:00	1.3
Total Lead	0.002	mg/L	0.001	EPA200.8	4/27/2019 0:00	0.015

Released By: _____ **Date:** 4/30/2019

Laboratory #23 assigned by the Michigan Department of Environmental Quality for the microbiological and chemical analysis of drinking water.

ABBREVIATIONS:
RL = Lowest reporting level
MCL = Maximum Contaminant Level - The maximum permissible level established by the USEPA and or MDEQ for safe drinking water.
SMCL = Secondary Maximum Contaminant Level - Suggested maximum level established by the USEPA for desirableable water quality.
CFU/100 ml = Colony Forming Units/100 milliliter sample volume.
mg/L = Milligrams per liter (= parts per million).

Water Tech
A Testing Laboratory
718 S. Michigan Howell, MI 48843

WATER ANALYSIS RESULTS

To:
Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

Date Sampled: 4/25/2019 8:46
Date Received: 4/26/2019
Collected By:
Sample Point: Orchard Dorms 5B

Sample ID:
010
90128

Lab Sample Number: 120949-10

Test Parameter	Result	Units	RL	Method	Analysis Date	Maximum Desired Limit
Total Copper	0.480	mg/L	0.01	EPA200.8	4/27/2019 0:00	1.3
Total Lead	0.012	mg/L	0.001	EPA200.8	4/27/2019 0:00	0.015

Released By: _____ **Date:** 4/30/2019

Laboratory #23 assigned by the Michigan Department of Environmental Quality for the microbiological and chemical analysis of drinking water.

ABBREVIATIONS:
RL = Lowest reporting level
MCL = Maximum Contaminant Level - The maximum permissible level established by the USEPA and or MDEQ for safe drinking water.
SMCL = Secondary Maximum Contaminant Level - Suggested maximum level established by the USEPA for desirableable water quality.
CFU/100 ml = Colony Forming Units/100 milliliter sample volume.
mg/L = Milligrams per liter (= parts per million).

11. TAP SAMPLING DATA

Use additional sheets as needed. Sheet __1___ of _1____.

Water Supply Name: Kellogg Biological Station – M.S.U. WSSN: 3598

Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (C,G,P)[3]	Building Plumbing (L,C,G,P)[3]	Tap Type (K,B)[4]	Lead ☒ mg/L ☐ ug/L	Copper ☒ mg/L ☐ ug/L	Lab Sample Number
McCrary Kitchen 3-Comp. sink	12-18-19	OT	OT	G	CLS	K	.002	.050	19L0560-4
Sheriff/Vanderploeg Housekeeping	12-18-19	OT	OT	G	CLS	B	.002	.11	19L0560-5
Stack Room 237	12-18-19	OT	OT	G	CLS	Class room	.019	.13	19L0560-1
Academic Room 222	12-18-19	OT	OT	G	CLS	Class room	.002	.14	19L0560-2
Cabin B	12-18-19	OT	OT	G	CLS	B	.015	.32	19L0560-3
Orchard Dorm 1A	12-18-19	OT	OT	G	CLS	B	<.001	.31	19L0559-1
Orchard Dorm 1B	12-18-19	OT	OT	G	CLS	B	.002	.29	19L0559-2
Orchard Dorm 4B	12-18-19	OT	OT	G	CLS	B	.025	.28	19L0559-3
Orchard Dorm 5A	12-18-19	OT	OT	G	CLS	B	.002	.20	19L0559-4
Orchard Dorm 5B	12-18-19	OT	OT	G	CLS	B	.013	.23	19L0559-5

[1] Tier	[2] Category	Description
Tier 1	A*	Single Family w/ lead service line
	B	Single Family w/ interior lead plumbing
	C	Multi Family Residence (MFR) w/ a lead service line*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.
	* Use Form A if any samples collected from sites with lead service lines to allow reporting of 1st and 5th liter results.	
Tier 2	D*	Multi Family or building w/ lead service line
	E	Multi Family or building w/ interior lead plumbing
Tier 3	F	Single Family w/ copper plumbing with lead solder installed before July 1988
Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.

[3] Material	[4] Tap Type
L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 23, 2019

Ms. Heidi Bryant
BEST Labs
8760 Gull Rd.
Richland, MI 49083

PROJECT: 3700 E. Gull Lake Rd., Hickory Corners, MI

TRACE ID: 19L0559-04 **WSSN:** 3598 **SITE:** MSU-KBS

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
Orchard Dorm 5A	12/18/19 7:20	HB	*12/18/19 18:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.20 mg/L	1.3	12/23/19 10:00	12/23/19 11:31	ckd	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	12/23/19 10:00	12/23/19 11:31	ckd	EPA 200.8 Rev. 5.4

TRACE ID: 19L0559-05 **WSSN:** 3598 **SITE:** MSU-KBS

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
Orchard Dorm 5B	12/18/19 7:21	HB	*12/18/19 18:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.23 mg/L	1.3	12/23/19 10:00	12/23/19 11:32	ckd	EPA 200.8 Rev. 5.4
Lead	0.013 mg/L	0.015	12/23/19 10:00	12/23/19 11:32	ckd	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Timothy W. Brewer

Tim Brewer
Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 23, 2019

Ms. Heidi Bryant
BEST Labs
8760 Gull Rd.
Richland, MI 49083

PROJECT: 3700 E. Gull Lake Rd., Hickory Corners, MI

TRACE ID: 19L0559-01 **WSSN:** 3598 **SITE:** MSU-KBS

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
Orchard Dorm 1A	12/18/19 7:08	HB	*12/18/19 18:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.31 mg/L	1.3	12/23/19 10:00	12/23/19 11:26	ckd	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	12/23/19 10:00	12/23/19 11:26	ckd	EPA 200.8 Rev. 5.4

TRACE ID: 19L0559-02 **WSSN:** 3598 **SITE:** MSU-KBS

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
Orchard Dorm 1B	12/18/19 7:09	HB	*12/18/19 18:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.29 mg/L	1.3	12/23/19 10:00	12/23/19 11:28	ckd	EPA 200.8 Rev. 5.4
Lead	0.0021 mg/L	0.015	12/23/19 10:00	12/23/19 11:28	ckd	EPA 200.8 Rev. 5.4

TRACE ID: 19L0559-03 **WSSN:** 3598 **SITE:** MSU-KBS

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
Orchard Dorm 4B	12/18/19 7:15	HB	*12/18/19 18:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.28 mg/L	1.3	12/23/19 10:00	12/23/19 11:29	ckd	EPA 200.8 Rev. 5.4
Lead	**0.025 mg/L**	**0.015**	12/23/19 10:00	12/23/19 11:29	ckd	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Timothy W. Brewer

Tim Brewer
Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 23, 2019

Ms. Heidi Bryant
BEST Labs
8760 Gull Rd.
Richland, MI 49083

PROJECT: 3700 E. Gull Lake Rd., Hickory Corners, MI

TRACE ID: 19L0560-04 **WSSN:** 3598 **SITE:** MSU-KBS

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
McCrary Kitchen 3-Comp. Sink	12/18/19 6:45	HB	*12/18/19 18:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.050 mg/L	1.3	12/23/19 10:00	12/23/19 11:41	ckd	EPA 200.8 Rev. 5.4
Lead	0.0024 mg/L	0.015	12/23/19 10:00	12/23/19 11:41	ckd	EPA 200.8 Rev. 5.4

TRACE ID: 19L0560-05 **WSSN:** 3598 **SITE:** MSU-KBS

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
Sheriff/Vanderploeg Housekeeping	12/18/19 7:01	HB	*12/18/19 18:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	12/23/19 10:00	12/23/19 11:42	ckd	EPA 200.8 Rev. 5.4
Lead	0.0025 mg/L	0.015	12/23/19 10:00	12/23/19 11:42	ckd	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Timothy W. Brewer

Tim Brewer
Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 23, 2019

Ms. Heidi Bryant
BEST Labs
8760 Gull Rd.
Richland, MI 49083

PROJECT: 3700 E. Gull Lake Rd., Hickory Corners, MI

TRACE ID: 19L0560-01 **WSSN:** 3598 **SITE:** MSU-KBS

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
Stack Room #237	12/18/19 6:28	HB	*12/18/19 18:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.13 mg/L	1.3	12/23/19 10:00	12/23/19 11:36	ckd	EPA 200.8 Rev. 5.4
Lead	**0.019 mg/L**	**0.015**	12/23/19 10:00	12/23/19 11:36	ckd	**EPA 200.8 Rev. 5.4**

TRACE ID: 19L0560-02 **WSSN:** 3598 **SITE:** MSU-KBS

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
Academic Room #222	12/18/19 6:31	HB	*12/18/19 18:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	12/23/19 10:00	12/23/19 11:38	ckd	EPA 200.8 Rev. 5.4
Lead	0.0021 mg/L	0.015	12/23/19 10:00	12/23/19 11:38	ckd	EPA 200.8 Rev. 5.4

TRACE ID: 19L0560-03 **WSSN:** 3598 **SITE:** MSU-KBS

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
Cabin B	12/18/19 6:38	HB	*12/18/19 18:23*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.32 mg/L	1.3	12/23/19 10:00	12/23/19 11:39	ckd	EPA 200.8 Rev. 5.4
Lead	**0.015 mg/L**	**0.015**	12/23/19 10:00	12/23/19 11:39	ckd	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Timothy W. Brewer

Tim Brewer
Project Manager

EGLE
MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF LAPEER/PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI63178
Work Order: 90901769_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	669 TURRILL AVE
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/09/2019 17:13
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/11/2019 12:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF LAPEER/PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI63177
Work Order: 90901769_01

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	669 TURRILL AVE	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/09/2019	17:13
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/11/2019	12:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF LAPEER/PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI63179
Work Order: 90901770_01

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	546 TURRILL AVE
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/11/2019 05:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/11/2019 12:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF LAPEER/PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI63180
Work Order: 90901770_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	546 TURRILL AVE
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/11/2019 05:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/11/2019 12:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62856
Work Order: 90901429_01

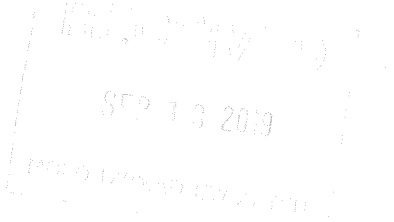
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	608 PINE ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/08/2019	07:20
Sample Point:	KITCHEN SINK FIRST DRAW 608 PINE ST	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62857
Work Order: 90901429_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	608 PINE ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/08/2019	07:20
Sample Point:	KITCHEN SINK FIFTH DRAW 608 PINE ST	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62848
Work Order: 90901425_01

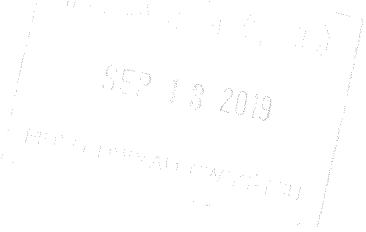
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	505 N MAIN ST
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/10/2019 07:40
Sample Point:	KITCHEN SINK FIRST DRAW 505 N MAIN S	Date Received:	09/10/2019 15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62849
Work Order: 90901425_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	505 N MAIN ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/10/2019	07:40
Sample Point:	KITCHEN SINK FIFTH DRAW 505 N MAIN S	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.008	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62858
Work Order: 90901430_01

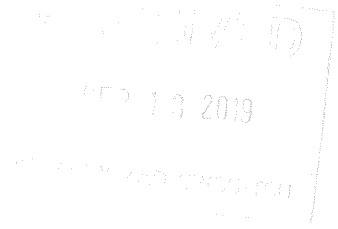
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	317 N WASHINGTON ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/09/2019	13:00
Sample Point:	KITCHEN SINK FIRST DRAW 317 N WASHI	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.08	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.032	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62859
Work Order: 90901430_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	317 N WASHINGTON ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/09/2019	13:00
Sample Point:	KITCHEN SINK FIFTH DRAW 317 N WASHI	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.018	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62850
Work Order: 90901426_01

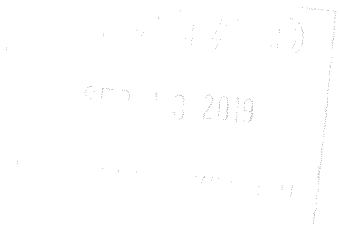
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	1034 STATE ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/08/2019	07:00
Sample Point:	KITCHEN SINK FIRST DRAW 1034 STATE S	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62851
Work Order: 90901426_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	1034 STATE ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/08/2019	07:00
Sample Point:	KITCHEN SINK FIFTH DRAW 1034 STATE S	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62844
Work Order: 90901423_01

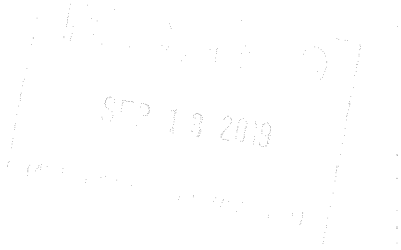
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	343 N WASHINGTON
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/09/2019 06:24
Sample Point:	KITCHEN SINK FIRST DRAW 343 N WASHI	Date Received:	09/10/2019 15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.12	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62845
Work Order: 90901423_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	343 N WASHINGTON	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/09/2019	06:24
Sample Point:	KITCHEN SINK FIFTH DRAW 343 N WASHI	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF LAPEER/PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI63175
Work Order: 90901768_01

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	906 STATE ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/11/2019	06:10
Sample Point:	BATHROOM SINK MAIN FIFTH DRAW	Date Received:	09/11/2019	12:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.006	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF LAPEER/PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI63176
Work Order: 90901768_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	906 STATE STREET
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/11/2019 06:10
Sample Point:	BATHROOM SINK MAIN FIRST DRAW	Date Received:	09/11/2019 12:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62854
Work Order: 90901428_01

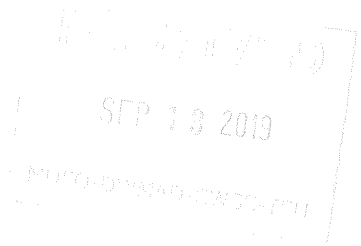
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	235 CALHOUN ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/09/2019	12:20
Sample Point:	KITCHEN SINK FIRST DRAW 235 CALHOU	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62855
Work Order: 90901428_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	235 CALHOUN ST
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/09/2019 12:20
Sample Point:	KITCHEN SINK FIFTH DRAW 235 CALHOUI	Date Received:	09/10/2019 15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI61773
Work Order: 90900655_01

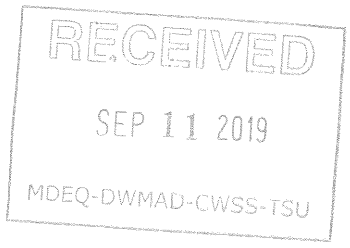
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	526 N CALHOUN
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/05/2019 06:00
Sample Point:	KITCHEN SINK 526 N CALHOUN ST	Date Received:	09/05/2019 14:58
Water System:	Public System Surface Water	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/10/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	09/10/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI61774
Work Order: 90900655_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	526 N CALHOUN	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/05/2019	06:00
Sample Point:	KITCHEN SINK FIFTH DRAW 526 N CALHO	Date Received:	09/05/2019	14:58
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/10/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	09/10/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI61775
Work Order: 90900656_01

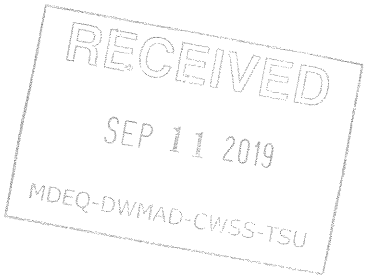
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	507 N MONROE
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/05/2019 04:15
Sample Point:	KITCHEN SINK FIRST DRAW 507 N MONR(	Date Received:	09/05/2019 14:58
Water System:	Public System Surface Water	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/10/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	09/10/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI61776
Work Order: 90900656_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	507 N MONROE	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/05/2019	04:15
Sample Point:	KITCHEN SINK FIFTH DRAW 507 N MONR(	Date Received:	09/05/2019	14:58
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/10/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	09/10/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI61803
Work Order: 90900675_01

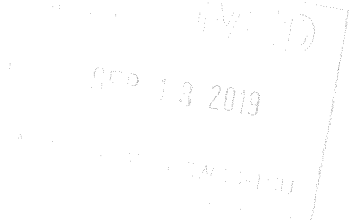
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	609 N MONROE ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/05/2019	06:09
Sample Point:	BATHROOM SINK MAIN BATHROOM 609 N	Date Received:	09/05/2019	15:54
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/10/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/10/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI61804
Work Order: 90900675_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	609 N MONROE ST
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/05/2019 06:09
Sample Point:	BATHROOM SINK MAIN BATHROOM 609 N	Date Received:	09/05/2019 15:54
Water System:	Public System Surface Water	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/10/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/10/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62852
Work Order: 90901427_01

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	645 N MONROE	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/10/2019	06:00
Sample Point:	KITCHEN SINK FIRST DRAW 645 N MONR(	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.06	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62853
Work Order: 90901427_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	645 N MONROE	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/10/2019	06:00
Sample Point:	KITCHEN SINK FIFTH DRAW 645 N MONR(	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI61801
Work Order: 90900674_01

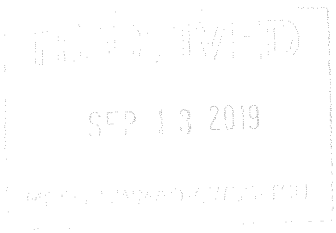
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:		
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/04/2019	15:30
Sample Point:	KITCHEN SINK 545 N MADISON ST FIRST	Date Received:	09/05/2019	15:54
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/10/2019	1.3	EPA 200.8	7440-50-8
Lead	0.027	mg/L	0.001	09/10/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI61802
Work Order: 90900674_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:		
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/04/2019	15:30
Sample Point:	KITCHEN SINK 545 N MADISON ST FIFTH I	Date Received:	09/05/2019	15:54
Water System:	Public System Surface Water	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/10/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	09/10/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI61805
Work Order: 90900676_01

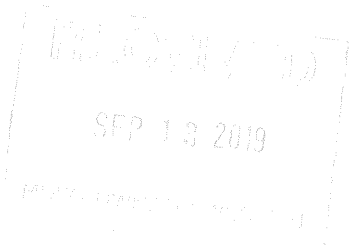
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	706 W OREGON
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/05/2019 07:25
Sample Point:	KITCHEN SINK 706 W OREGON ST FIRST	Date Received:	09/05/2019 15:54
Water System:	Public System Surface Water	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.09	mg/L	0.05	09/10/2019	1.3	EPA 200.8	7440-50-8
Lead	0.012	mg/L	0.001	09/10/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI61806
Work Order: 90900676_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	706 W OREGON ST
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/05/2019 07:25
Sample Point:	KITCHEN SINK FIFTH DRAW 706 W OREG(	Date Received:	09/05/2019 15:54
Water System:	Public System Surface Water	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/10/2019	1.3	EPA 200.8	7440-50-8
Lead	0.006	mg/L	0.001	09/10/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF LAPEER/PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI63172
Work Order: 90901766_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	266 CEDAR ST
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/11/2019 06:10
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/11/2019 12:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.06	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF LAPEER/PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI63171
Work Order: 90901766_01

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	266 CEDAR ST
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/11/2019 06:10
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/11/2019 12:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.008	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF LAPEER/PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI63174
Work Order: 90901767_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	331 HORTON ST
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/11/2019 06:15
Sample Point:	331 HORTON ST FIRST DRAW	Date Received:	09/11/2019 12:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.10	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: CITY OF LAPEER/PAM REID
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI63173
Work Order: 90901767_01

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	331 HORTON ST
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/11/2019 06:15
Sample Point:	331 HORTON ST FIFTH DRAW	Date Received:	09/11/2019 12:58
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.019	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62846
Work Order: 90901424_01

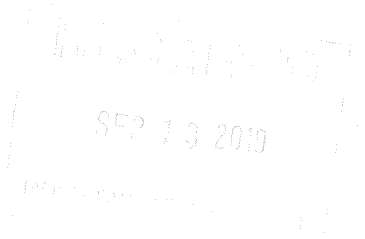
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	924 WASHINGTON ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/10/2019	07:56
Sample Point:	KITCHEN SINK FIRST DRAW 924 WASHIN(	Date Received:	09/10/2019	15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI62847
Work Order: 90901424_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	924 WASHINGTON ST
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/10/2019 07:56
Sample Point:	KITCHEN SINK FIFTH DRAW 924 WASHINC	Date Received:	09/10/2019 15:14
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/12/2019	1.3	EPA 200.8	7440-50-8
Lead	0.009	mg/L	0.001	09/12/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI67176
Work Order: 90904677_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	1786 W GENESEE	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/25/2019	07:00
Sample Point:	1786 W GENESEE ST FIRST DRAW	Date Received:	09/25/2019	14:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.05	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI67175
Work Order: 90904677_01

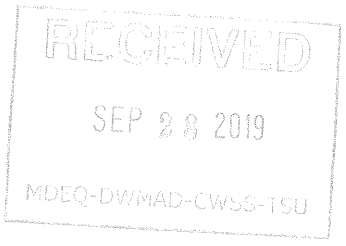
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	1786 W GENESEE
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/25/2019 07:00
Sample Point:	1786 W GENESEE ST FIFTH DRAW	Date Received:	09/25/2019 14:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.015	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI65328
Work Order: 90903441_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	1615 W GENESEE ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/19/2019	07:45
Sample Point:	KITCHEN SINK FIRST DRAW 1615 W GENE	Date Received:	09/19/2019	10:56
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/23/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	09/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI65327
Work Order: 90903441_01

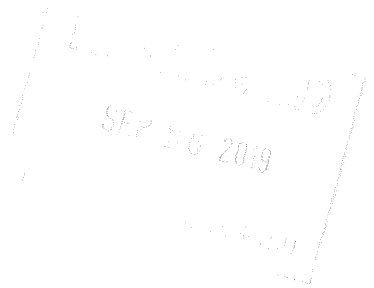
System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	1615 W GENESEE ST
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/19/2019 07:45
Sample Point:	KITCHEN SINK FIFTH DRAW 1615 W GENE	Date Received:	09/19/2019 10:56
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/23/2019	1.3	EPA 200.8	7440-50-8
Lead	0.008	mg/L	0.001	09/23/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI65329
Work Order: 90903442_01

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780	
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling	
Collected By:		Site Code:	1786 W GENESEE ST	
Township/Well#/Section:	LAPEER//	Collector:	Other	
County:	Lapeer	Date Collected:	09/16/2018	08:00
Sample Point:	KITCHEN SINK FIFTH DRAW 1786 W GENE	Date Received:	09/19/2019	10:56
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

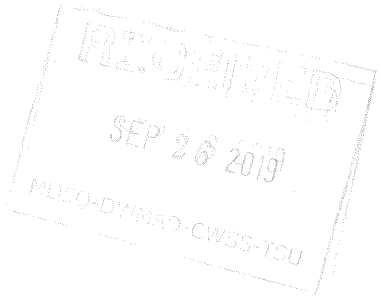
Sample Comment **LI65329** **Sample was received at the laboratory past USEPA hold time and was not accepted for testing.**

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
^^^ NOT TESTED^^^	Not Tested			09/24/2019			NOTST-00-C

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: PAM REID CITY OF LAPEER
576 LIBERTY PARK
LAPEER MI 48446

Sample ID: LI65330
Work Order: 90903442_02

System Name/Owner:	CITY OF LAPEER	WSSN/Pool ID:	3780
Collection Address:	576 LIBERTY PARK,LAPEER	Source:	Single Family Dwelling
Collected By:		Site Code:	1786 W GENESEE ST
Township/Well#/Section:	LAPEER//	Collector:	Other
County:	Lapeer	Date Collected:	09/16/2018 08:00
Sample Point:	KITCHEN SINK FIRST DRAW 1786 W GENE	Date Received:	09/19/2019 10:56
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

Sample Comment **LI65330** **Sample was received at the laboratory past USEPA hold time and was not accepted for testing.**

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
^^^ NOT TESTED^^^	Not Tested			09/24/2019			NOTST-00-C

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Lapeer County Health Dept.
1800 Imlay City Road
Lapeer, MI 48446
810 667-0392

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59592
Work Order: 90804735_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840
Collection Address:	807 MILL ST,LESLIE	Source:	TYPE I
Collected By:	HOMEOWNER	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	08/27/2019 06:15
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	08/27/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.70	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59591
Work Order: 90804735_01

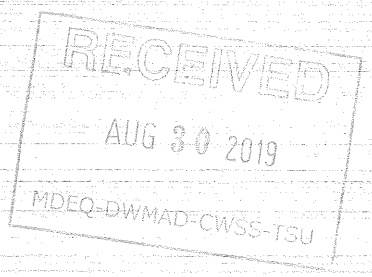
System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840
Collection Address:	807 MILL ST,LESLIE	Source:	TYPE I
Collected By:	HOMEOWNER	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	08/27/2019 06:15
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	08/27/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.32	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59593
Work Order: 90804736_01

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840
Collection Address:	312 WOODWORTH ST,LESLIE	Source:	TYPE I
Collected By:	HOMEOWNER	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	08/27/2019 06:25
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	08/27/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RECEIVED
AUG 30 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59594
Work Order: 90804736_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	312 WOODWORTH ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Ingham	Date Collected:	08/27/2019	06:25
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	08/27/2019	15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	0.019	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59595
Work Order: 90804737_01

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840
Collection Address:	303 W BELLEVUE,LESLIE	Source:	TYPE I
Collected By:	HOMEOWNER	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	08/27/2019 06:10
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	08/27/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.38	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	0.006	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RECEIVED
AUG 30 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59596
Work Order: 90804737_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840
Collection Address:	303 W BELLEVUE,LESLIE	Source:	TYPE I
Collected By:	HOMEOWNER	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	08/27/2019 06:10
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	08/27/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.28	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59597
Work Order: 90804738_01

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840
Collection Address:	128 CHURCH ST,LESLIE	Source:	TYPE I
Collected By:	HOMEOWNER	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	08/27/2019 07:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	08/27/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.08	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	0.008	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RECEIVED
AUG 30 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59598
Work Order: 90804738_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840
Collection Address:	128 CHURCH ST,LESLIE	Source:	TYPE I
Collected By:	HOMEOWNER	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	08/27/2019 07:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	08/27/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59599
Work Order: 90804739_01

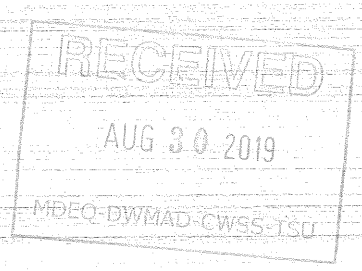
System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840
Collection Address:	116 SPRING ST,LESLIE	Source:	TYPE I
Collected By:	HOMEOWNER	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	08/27/2019 07:00
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	08/27/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.37	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59600
Work Order: 90804739_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840
Collection Address:	116 SPRING ST,LESLIE	Source:	TYPE I
Collected By:	HOMEOWNER	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	08/27/2019 07:00
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	08/27/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	0.004	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59601
Work Order: 90804740_01

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	637 S MAIN ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Ingham	Date Collected:	08/27/2019	06:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	08/27/2019	15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.48	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RECEIVED
AUG 30 2019
MDEQ-DWMAP-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59602
Work Order: 90804740_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	637 S MAIN ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Ingham	Date Collected:	08/27/2019	06:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	08/27/2019	15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.07	mg/L	0.05	08/28/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	08/28/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59973
Work Order: 90805110_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	110 N CHURCH ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Ingham	Date Collected:	08/28/2019	03:50
Sample Point:	KITCHEN SINK 1	Date Received:	08/28/2019	14:37
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.41	mg/L	0.05	08/30/2019	1.3	EPA 200.8	7440-50-8
Lead	0.010	mg/L	0.001	08/30/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59972
Work Order: 90805110_01

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	110 N CHURCH ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Ingham	Date Collected:	08/28/2019	03:50
Sample Point:	KITCHEN SINK 5	Date Received:	08/28/2019	14:37
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	08/30/2019	1.3	EPA 200.8	7440-50-8
Lead	0.009	mg/L	0.001	08/30/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RECEIVED
SEP 04 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59975
Work Order: 90805111_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	304 ARMSTRONG ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Ingham	Date Collected:	08/28/2019	04:00
Sample Point:	KITCHEN SINK 1	Date Received:	08/28/2019	14:37
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.52	mg/L	0.05	08/30/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/30/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59974
Work Order: 90805111_01

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	304 ARMSTRONG ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Ingham	Date Collected:	08/28/2019	04:00
Sample Point:	KITCHEN SINK 5	Date Received:	08/28/2019	14:37
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.06	mg/L	0.05	08/30/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/30/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RECEIVED
SEP 04 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59977
Work Order: 90805112_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840
Collection Address:	209 W BELLEVUE ST,LESLIE	Source:	TYPE I
Collected By:	HOMEOWNER	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Ingham	Date Collected:	08/27/2019 05:30
Sample Point:	KITCHEN SINK 1	Date Received:	08/28/2019 14:37
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.08	mg/L	0.05	08/30/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	08/30/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI59976
Work Order: 90805112_01

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	209 W BELLEVUE ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Ingham	Date Collected:	08/27/2019	05:30
Sample Point:	KITCHEN SINK 5	Date Received:	08/28/2019	14:37
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.17	mg/L	0.05	08/30/2019	1.3	EPA 200.8	7440-50-8
Lead	0.034	mg/L	0.001	08/30/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RECEIVED
SEP 04 2019
MDEQ-DWMAD-CNSC-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI61419
Work Order: 90900427_01

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	300 ARMSTRONG ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Ingham	Date Collected:	09/04/2019	07:00
Sample Point:	FIRST DRAW	Date Received:	09/05/2019	07:56
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.10	mg/L	0.05	09/09/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/09/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI61420
Work Order: 90900427_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	300 ARMSTRONG ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	//	Collector:	Other	
County:	Ingham	Date Collected:	09/04/2019	07:00
Sample Point:	FIFTH DRAW	Date Received:	09/05/2019	07:56
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/09/2019	1.3	EPA 200.8	7440-50-8
Lead	0.006	mg/L	0.001	09/09/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI67174
Work Order: 90904676_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	312 WOODWORTH ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	LESLIE//	Collector:	Other	
County:	Ingham	Date Collected:	09/24/2019	06:40
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019	14:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI67173
Work Order: 90904676_01

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	312 WOODWORTH ST,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	LESLIE//	Collector:	Other	
County:	Ingham	Date Collected:	09/24/2019	06:40
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019	14:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.06	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	0.007	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RECEIVED
SEP 2 8 2019
MDEQ-DWMAD-CWCS-LSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI67171
Work Order: 90904675_01

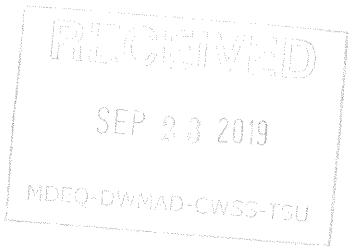
System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	LESLIE//	Collector:	Other	
County:	Ingham	Date Collected:	09/24/2019	06:30
Sample Point:	KITCHEN SINK FIFTH DRAW	Date Received:	09/25/2019	14:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.14	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: RON BOGART
PO BOX 496
LESLIE MI 49251

Sample ID: LI67172
Work Order: 90904675_02

System Name/Owner:	CITY OF LESLIE	WSSN/Pool ID:	3840	
Collection Address:	,LESLIE	Source:	TYPE I	
Collected By:	HOMEOWNER	Site Code:		
Township/Well#/Section:	LESLIE//	Collector:	Other	
County:	Ingham	Date Collected:	09/24/2019	06:30
Sample Point:	KITCHEN SINK FIRST DRAW	Date Received:	09/25/2019	14:20
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.06	mg/L	0.05	09/26/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/26/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Ingham County Health Dept
5303 South Cedar Street
Lansing, MI 48911
517 887-4312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Melvindale WSSN: 04220

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
062	18041 Harman	7/30/2019	1	A	L	C	K	370.00	150.00	4220-062-1	25.00	9.20	4220-062-5	9/25/2019	9/25/2019
086	17242 Palmer	7/10/2019	1	A	L	C	K	201.65	23.51	4220-086-1	19.53	5.98	4220-086-5	9/25/2019	9/25/2019
087	17431 Palmer	6/28/2019	1	A	L	C	K	< 2	22.31	4220-087-1	< 2	21.86	4220-087-5	9/25/2019	9/25/2019
088	17209 Hanna	7/1/2019	1	A	L	G	K	2.14	19.42	4220-088-1	3.37	< 5	4220-088-5	9/25/2019	9/25/2019
089	17440 Flint	7/2/2019	1	A	L	G	K	24.86	11.96	4220-089-1	3.15	37.14	4220-089-5	9/25/2019	9/25/2019
090	17690 Reed	7/8/2019	1	A	L	C/G	K	7.61	69.95	4220-090-1	385.04	< 5	4220-090-5	9/25/2019	9/25/2019
091	17618 Wood	7/15/2019	1	A	L		K	4.50	5.84	4220-091-1	9.04	< 5	4220-091-5	9/25/2019	9/25/2019
092	17246 Wood	7/15/2019	1	A	L		K	8.70	34.39	4220-092-1	7.38	12.78	4220-092-5	9/25/2019	9/25/2019
093	17674 Wood	7/17/2019	1	A	L		K	2.13	< 5	4220-093-1	< 2	< 5	4220-093-5	9/25/2019	9/25/2019
094	17701 Hanna	7/18/2019	1	A	L		K	2.47	8.89	4220-094-1	3.28	29.30	4220-094-5	9/25/2019	9/25/2019
095	17751 Wood	7/29/2019	1	A	L		K	2.16	16.81	4220-095-1	263.75	437.80	4220-095-5	9/25/2019	9/25/2019
096	17732 Hanna	7/23/2019	1	A	L		K	234.23	74.68	4220-096-1	373.72	71.11	4220-096-5	9/25/2019	9/25/2019
097	17737 Harman	7/30/2019	1	A	L		K	1.50	1.60	4220-097-1	21.00	11.00	4220-097-5	9/25/2019	9/25/2019
098	17986 Hanna	7/31/2019	1	A	L		K	2.50	29.00	4220-098-1	2.80	5.90	4220-098-5	9/25/2019	9/25/2019
099	18255 Harman	8/5/2019	1	A	L		K	0.76	4.50	4220-099-1	2.10	1.70	4220-099-5	9/25/2019	9/25/2019
100	17318 Flora	8/7/2019	1	A	L		K	12.00	50.00	4220-100-1	12.00	43.00	4220-100-5	9/25/2019	9/25/2019
101	17608 Flora	8/8/2019	1	A	L		K	6.40	22.00	4220-101-1	6.00	14.00	4220-101-5	9/25/2019	9/25/2019
102	17673 Harman	8/8/2019	1	A	L	C	K	2.40	3.40	4220-102-1	14.00	16.00	4220-102-5	9/25/2019	9/25/2019
103	18666 Reed	8/9/2019	1	A	L		K	2.00	12.00	4220-103-1	1.50	2.80	4220-103-5	9/25/2019	9/25/2019
104	**17925 Harman**	**8/12/2019**	**1**	**A**	**L**		**K**	**7.20**	**13.00**	**4420-104-1**	**1.70**	**2.10**	**4420-104-5**	**10/2/2019**	**10/2/2019**
105	**18587 Robert**	**8/13/2019**	**1**	**A**	**L**		**K**	**5.70**	**18.00**	**4420-105-1**	**140.00**	**88.00**	**4420-105-5**	**10/2/2019**	**10/2/2019**
106	**17976 Hanna**	**8/13/2019**	**1**	**A**	**L**		**K**	**5.30**	**26.00**	**4420-106-1**	**3.10**	**12.00**	**4420-106-5**	**10/2/2019**	**10/2/2019**

[1] Tier	[2] Category	Description
Tier 1	A*	Single Family w/ lead service line
	B	Single Family w/ interior lead plumbing
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.	

[1] Tier	[2] Category	Description
Tier 2	D*	Multi Family or building w/ lead service line
	E	Multi Family or building w/ interior lead plumbing
Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988
Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.

[3] Material	[4] Tap Type
L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA Water Supply Name: Melvindale WSSN: 04220

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
107	**18204 Harman**	**8/13/2019**	**1**	**A**	**L**		**K**	**4.40**	**27.00**	**4420-107-1**	**4.10**	**13.00**	**4420-107-5**	**10/2/2019**	**10/2/2019**
108	**17409 Wood**	**8/13/2019**	**1**	**A**	**L**		**K**	**34.00**	**16.00**	**4420-108-1**	**1,100.00**	**12.00**	**4420-108-5**	**10/2/2019**	**10/2/2019**
109	**17931 Hanna**	**8/14/2019**	**1**	**A**	**L**		**K**	**1.30**	**6.60**	**4420-109-1**	**12.00**	**19.00**	**4420-109-5**	**10/2/2019**	**10/2/2019**
110	**17699 Wood**	**8/14/2019**	**1**	**A**	**L**		**K**	**12.00**	**18.00**	**4220-110-1**	**14.00**	**15.00**	**4220-110-5**	**10/2/2019**	**10/2/2019**
111	**18655 Reed**	**8/15/2019**	**1**	**A**	**L**		**K**	**0.34**	**12.00**	**4220-111-1**	**0.37**	**5.70**	**4220-111-5**	**10/2/2019**	**10/2/2019**
112	**18282 Wood**	**8/15/2019**	**1**	**A**	**L**		**K**	**2.80**	**7.90**	**4220-112-1**	**4.70**	**7.00**	**4220-112-5**	**10/2/2019**	**10/2/2019**
113	**18049 Hanna**	**8/15/2019**	**1**	**A**	**L**		**K**	**7.90**	**38.00**	**4220-113-1**	**1.70**	**5.30**	**4220-113-5**	**10/2/2019**	**10/2/2019**
114	**18311 Harman**	**8/16/2019**	**1**	**A**	**L**		**K**	**2.00**	**40.00**	**4220-114-1**	**4.60**	**30.00**	**4220-114-5**	**10/2/2019**	**10/2/2019**

Samples in **bold** have been added since the last report was sent on 09/26/2019. Results with a less than sign are below the reporting level of the instrument at the time of analysis.

[1] Tier	[2] Category	Description
Tier 1	A*	Single Family w/ lead service line
	B	Single Family w/ interior lead plumbing
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.	

[1] Tier	[2] Category	Description
Tier 2	D*	Multi Family or building w/ lead service line
	E	Multi Family or building w/ interior lead plumbing
Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988
Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.

[3] Material	[4] Tap Type
L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)

GLWA Great Lakes Water Authority

PARAGON Laboratories

October 3, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357374

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357374 OAK PARK-092719 (8)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3573740001	24466 Republic- 1st Liter	WSSN: 4880	Drinking Water	9/26/2019 11:00	9/27/2019 13:00	Erick Stewart
3573740002	24466 Republic- 5th Liter	WSSN: 4880	Drinking Water	9/26/2019 11:00	9/27/2019 13:00	Erick Stewart

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357374 OAK PARK-092719 (8)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 11.8°C on September 27, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357374 OAK PARK-092719 (8)

Lab ID: **3573740001** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 24466 Republic- 1st Liter Date Collected: 9/26/2019 11:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.32	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total		0.0080	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357374 OAK PARK-092719 (8)

Lab ID: **3573740002** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 24466 Republic- 5th Liter Date Collected: 9/26/2019 11:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.035	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total	H	0.025	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 357374 OAK PARK-092719 (8)

PARAMETER QUALIFIERS

Lab ID: 3573740002

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 26, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357204

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357204 Oak Park - 092019

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3572040001	24459 Republic - 1st Liter	GLWA site code 103	Drinking Water	9/16/2019 14:00	9/20/2019 11:30	Scott
3572040002	24459 Republic - 5th Liter	GLWA site code 103	Drinking Water	9/16/2019 14:00	9/20/2019 11:30	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357204 Oak Park - 092019

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 8.6°C on September 20, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357204 Oak Park - 092019

Lab ID: **3572040001** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 24459 Republic - 1st Liter Date Collected: 9/16/2019 14:00

Sample Desc: GLWA site code 103 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.062	mg/L	0.0010	1		1.3	9/25/2019 11:51	DTM
Lead, Total		0.0075	mg/L	0.0010	1		0.015	9/25/2019 11:51	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357204 Oak Park - 092019

Lab ID: **3572040002** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 24459 Republic - 5th Liter Date Collected: 9/16/2019 14:00

Sample Desc: GLWA site code 103 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.025	mg/L	0.0010	1		1.3	9/25/2019 11:51	DTM
Lead, Total	H	0.018	mg/L	0.0010	1		0.015	9/25/2019 11:51	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 357204 Oak Park - 092019

PARAMETER QUALIFIERS

Lab ID: 3572040002

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

October 3, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357370

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357370 OAK PARK-092719 (4)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3573700001	24429 Republic- 1st Liter	WSSN: 4880	Drinking Water	9/24/2019 16:00	9/27/2019 13:00	Scott
3573700002	24429 Republic- 5th Liter	WSSN: 4880	Drinking Water	9/24/2019 16:00	9/27/2019 13:00	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357370 OAK PARK-092719 (4)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 11.8°C on September 27, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357370 OAK PARK-092719 (4)

Lab ID: **3573700001** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 24429 Republic- 1st Liter Date Collected: 9/24/2019 16:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0079	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total		0.0057	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357370 OAK PARK-092719 (4)

Lab ID: **3573700002** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 24429 Republic- 5th Liter Date Collected: 9/24/2019 16:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0050	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total		0.015	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 18, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 356993

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356993 OAK PARK-091219 (2)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3569930001	24205 Roanoke- 1st Liter	WSSN: 4880	Drinking Water	9/10/2019 06:00	9/12/2019 11:55	Scott
3569930002	24205 Roanoke- 5th Liter	WSSN: 4880	Drinking Water	9/10/2019 06:00	9/12/2019 11:55	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356993 OAK PARK-091219 (2)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 14.2°C on September 12, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356993 OAK PARK-091219 (2)

Lab ID: **3569930001** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 24205 Roanoke- 1st Liter Date Collected: 9/10/2019 06:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.034	mg/L	0.0010	1		1.3	9/13/2019 14:22	MKK
Lead, Total		0.0052	mg/L	0.0010	1		0.015	9/13/2019 14:22	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356993 OAK PARK-091219 (2)

Lab ID: **3569930002** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 24205 Roanoke- 5th Liter Date Collected: 9/10/2019 06:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.022	mg/L	0.0010	1		1.3	9/13/2019 14:01	MKK
Lead, Total		0.0048	mg/L	0.0010	1		0.015	9/13/2019 14:01	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

October 3, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357373

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357373 OAK PARK-092719 (7)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3573730001	23870 Roanoke- 1st Liter	WSSN: 4880	Drinking Water	9/20/2019 16:05	9/27/2019 13:00	David
3573730002	23870 Roanoke- 5th Liter	WSSN: 4880	Drinking Water	9/20/2019 16:05	9/27/2019 13:00	David

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357373 OAK PARK-092719 (7)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 11.8°C on September 27, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357373 OAK PARK-092719 (7)

Lab ID: **3573730001** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 23870 Roanoke- 1st Liter Date Collected: 9/20/2019 16:05

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.073	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total		0.0018	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357373 OAK PARK-092719 (7)

Lab ID: **3573730002** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 23870 Roanoke- 5th Liter Date Collected: 9/20/2019 16:05

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.014	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total	H	0.016	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 357373 OAK PARK-092719 (7)

PARAMETER QUALIFIERS

Lab ID: 3573730002

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 18, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 356998

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356998 OAK PARK-091219 (6)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3569980001	23860 Majestic- 1st Liter	WSSN: 4880	Drinking Water	9/11/2019 09:50	9/12/2019 11:55	Scott
3569980002	23860 Majestic- 5th Liter	WSSN: 4880	Drinking Water	9/11/2019 09:50	9/12/2019 11:55	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356998 OAK PARK-091219 (6)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 14.2°C on September 12, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356998 OAK PARK-091219 (6)

Lab ID: **3569980001** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 23860 Majestic- 1st Liter Date Collected: 9/11/2019 09:50

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.096	mg/L	0.0010	1		1.3	9/13/2019 14:51	MKK
Lead, Total		0.0072	mg/L	0.0010	1		0.015	9/13/2019 14:51	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356998 OAK PARK-091219 (6)

Lab ID: **3569980002** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 23860 Majestic- 5th Liter Date Collected: 9/11/2019 09:50

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.066	mg/L	0.0010	1		1.3	9/13/2019 14:51	MKK
Lead, Total		0.010	mg/L	0.0010	1		0.015	9/13/2019 14:51	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 18, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 356994

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356994 OAK PARK-091219 (3)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3569940001	23569 Forest- 1st Liter	WSSN: 4880	Drinking Water	9/10/2019 06:20	9/12/2019 11:55	Scott
3569940002	23569 Forest- 5th Liter	WSSN: 4880	Drinking Water	9/10/2019 06:20	9/12/2019 11:55	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356994 OAK PARK-091219 (3)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 14.2°C on September 12, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356994 OAK PARK-091219 (3)

Lab ID: **3569940001** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 23569 Forest- 1st Liter Date Collected: 9/10/2019 06:20

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.20	mg/L	0.0010	1		1.3	9/13/2019 14:01	MKK
Lead, Total		0.0025	mg/L	0.0010	1		0.015	9/13/2019 14:01	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356994 OAK PARK-091219 (3)

Lab ID: **3569940002** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 23569 Forest- 5th Liter Date Collected: 9/10/2019 06:20

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.060	mg/L	0.0010	1		1.3	9/16/2019 09:17	MKK
Lead, Total		0.0037	mg/L	0.0010	1		0.015	9/16/2019 09:17	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 9/18/2019 10:30:29 AM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 26, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357209

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357209 OAK PARK-092019 (8)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3572090001	23501 Roanoke-1st Liter	WSSN:4880, Grab	Drinking Water	9/20/2019 06:50	9/20/2019 11:30	Deborah
3572090002	23501 Roanoke-5th Liter	WSSN:4880, Grab	Drinking Water	9/20/2019 06:50	9/20/2019 11:30	Deborah

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357209 OAK PARK-092019 (8)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 8.6°C on September 20, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357209 OAK PARK-092019 (8)

Lab ID: **3572090001** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 23501 Roanoke-1st Liter Date Collected: 9/20/2019 06:50

Sample Desc: WSSN:4880, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.20	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357209 OAK PARK-092019 (8)

Lab ID: **3572090002** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 23501 Roanoke-5th Liter Date Collected: 9/20/2019 06:50

Sample Desc: WSSN:4880, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.085	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

August 30, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 356342

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,

Margaret Snyder

Margaret T Snyder
margarets@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356342 OAK PARK-081619

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3563420001	23475 Republic- 1st Liter	WSSN: 4880, Site Code 056	Drinking	8/9/2019 06:05	8/16/2019 14:53	SL
3563420002	23475 Republic- 5th Liter	WSSN: 4880, Site Code 056	Drinking	8/9/2019 06:05	8/16/2019 14:53	SL

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356342 OAK PARK-081619

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 10.4°C on August 16, 2019. No ice was present.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356342 OAK PARK-081619

Lab ID: **3563420001** Date Received: 8/16/2019 14:53 Matrix: Drinking Water (Potable)

Sample ID: 23475 Republic- 1st Liter Date Collected: 8/9/2019 06:05

Sample Desc: WSSN: 4880, Site Code 056 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.17	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total		0.0022	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356342 OAK PARK-081619

Lab ID: **3563420002** Date Received: 8/16/2019 14:53 Matrix: Drinking Water (Potable)

Sample ID: 23475 Republic- 5th Liter Date Collected: 8/9/2019 06:05

Sample Desc: WSSN: 4880, Site Code 056 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.015	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total		0.0043	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 18, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 356995

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356995 OAK PARK-091219 (4)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3569950001	23465 Republic- 1st Liter	WSSN: 4880	Drinking Water	9/11/2019 05:55	9/12/2019 11:55	Scott
3569950002	23465 Republic- 5th Liter	WSSN: 4880	Drinking Water	9/11/2019 05:55	9/12/2019 11:55	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356995 OAK PARK-091219 (4)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 14.2°C on September 12, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356995 OAK PARK-091219 (4)

Lab ID: **3569950001** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 23465 Republic- 1st Liter Date Collected: 9/11/2019 05:55

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.056	mg/L	0.0010	1		1.3	9/16/2019 09:17	MKK
Lead, Total		0.0016	mg/L	0.0010	1		0.015	9/16/2019 09:17	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356995 OAK PARK-091219 (4)

Lab ID: **3569950002** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 23465 Republic- 5th Liter Date Collected: 9/11/2019 05:55

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.012	mg/L	0.0010	1		1.3	9/16/2019 09:17	MKK
Lead, Total		0.011	mg/L	0.0010	1		0.015	9/16/2019 09:17	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 26, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357208

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357208 OAK PARK-092019 (7)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3572080001	23460 Geneva-1st Liter	WSSN:4880, Grab	Drinking Water	9/20/2019 05:15	9/20/2019 11:30	Scott
3572080002	23460 Geneva-5th Liter	WSSN:4880, Grab	Drinking Water	9/20/2019 05:15	9/20/2019 11:30	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357208 OAK PARK-092019 (7)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 8.6°C on September 20, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357208 OAK PARK-092019 (7)

Lab ID: **3572080001** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 23460 Geneva-1st Liter Date Collected: 9/20/2019 05:15

Sample Desc: WSSN:4880, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.019	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total		0.0035	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357208 OAK PARK-092019 (7)

Lab ID: **3572080002** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 23460 Geneva-5th Liter Date Collected: 9/20/2019 05:15

Sample Desc: WSSN:4880, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.021	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total		0.0057	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 18, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357000

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357000 OAK PARK-091219 (8)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3570000001	23439 Sherman- 1st Liter	WSSN: 4880	Drinking Water	9/11/2019 17:35	9/12/2019 11:55	Scott
3570000002	23439 Sherman- 5th Liter	WSSN: 4880	Drinking Water	9/11/2019 17:35	9/12/2019 11:55	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357000 OAK PARK-091219 (8)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 14.2°C on September 12, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357000 OAK PARK-091219 (8)

Lab ID: **3570000001** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 23439 Sherman- 1st Liter Date Collected: 9/11/2019 17:35

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.29	mg/L	0.0010	1		1.3	9/13/2019 14:51	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/13/2019 14:51	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357000 OAK PARK-091219 (8)

Lab ID: **3570000002** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 23439 Sherman- 5th Liter Date Collected: 9/11/2019 17:35

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.11	mg/L	0.0010	1		1.3	9/13/2019 14:51	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/13/2019 14:51	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 18, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 356999

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356999 OAK PARK-091219 (7)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3569990001	14471 Kington- 1st Liter	WSSN: 4880	Drinking Water	9/12/2019 06:00	9/12/2019 11:55	Scott
3569990002	14471 Kingston- 5th Liter	WSSN: 4880	Drinking Water	9/12/2019 06:00	9/12/2019 11:55	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356999 OAK PARK-091219 (7)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 14.2°C on September 12, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356999 OAK PARK-091219 (7)

Lab ID: **3569990001** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 14471 Kington- 1st Liter Date Collected: 9/12/2019 06:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.061	mg/L	0.0010	1		1.3	9/13/2019 14:51	MKK
Lead, Total	H	0.020	mg/L	0.0010	1		0.015	9/13/2019 14:51	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356999 OAK PARK-091219 (7)

Lab ID: **3569990002** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 14471 Kingston- 5th Liter Date Collected: 9/12/2019 06:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.014	mg/L	0.0010	1		1.3	9/13/2019 14:51	MKK
Lead, Total	H	0.024	mg/L	0.0010	1		0.015	9/13/2019 14:51	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 356999 OAK PARK-091219 (7)

PARAMETER QUALIFIERS

Lab ID: 3569990001

H Result (or RL) is above Max limit.

Lab ID: 3569990002

H Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

October 3, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357368

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357368 OAK PARK-092719 (2)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3573680001	14461 Kingston- 1st Liter	WSSN: 4880	Drinking Water	9/20/2019 16:30	9/27/2019 13:00	David
3573680002	14461 Kingston- 5th Liter	WSSN: 4880	Drinking Water	9/20/2019 16:30	9/27/2019 13:00	David

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357368 OAK PARK-092719 (2)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 11.8°C on September 27, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357368 OAK PARK-092719 (2)

Lab ID: **3573680001** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 14461 Kingston- 1st Liter Date Collected: 9/20/2019 16:30

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.61	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total		0.0060	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357368 OAK PARK-092719 (2)

Lab ID: **3573680002** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 14461 Kingston- 5th Liter Date Collected: 9/20/2019 16:30

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.080	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total	H	0.039	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 357368 OAK PARK-092719 (2)

PARAMETER QUALIFIERS

Lab ID: 3573680002

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 18, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357002

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357002 OAK PARK-091219 (10)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3570020001	14461 Borgman- 1st Liter	WSSN: 4880	Drinking Water	9/12/2019 06:00	9/12/2019 11:55	Erick Stewart
3570020002	14461 Borgman- 5th Liter	WSSN: 4880	Drinking Water	9/12/2019 06:00	9/12/2019 11:55	Erick Stewart

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357002 OAK PARK-091219 (10)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 14.2°C on September 12, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357002 OAK PARK-091219 (10)

Lab ID: **3570020001** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 14461 Borgman- 1st Liter Date Collected: 9/12/2019 06:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.17	mg/L	0.0010	1		1.3	9/13/2019 16:50	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/13/2019 16:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357002 OAK PARK-091219 (10)

Lab ID: **3570020002** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 14461 Borgman- 5th Liter Date Collected: 9/12/2019 06:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.035	mg/L	0.0010	1		1.3	9/13/2019 16:50	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/13/2019 16:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 26, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357211

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357211 OAK PARK-092019 (9)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3572110001	14451 Kingston-1st Liter	WSSN:4880, Grab	Drinking Water	9/20/2019 06:00	9/20/2019 11:30	Scott
3572110002	14451 Kingston-5th Liter	WSSN:4880, Grab	Drinking Water	9/20/2019 06:00	9/20/2019 11:30	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357211 OAK PARK-092019 (9)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 8.6°C on September 20, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357211 OAK PARK-092019 (9)

Lab ID: **3572110001** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 14451 Kingston-1st Liter Date Collected: 9/20/2019 06:00

Sample Desc: WSSN:4880, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.16	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total		0.012	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357211 OAK PARK-092019 (9)

Lab ID: **3572110002** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 14451 Kingston-5th Liter Date Collected: 9/20/2019 06:00

Sample Desc: WSSN:4880, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.099	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total	H	0.021	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 357211 OAK PARK-092019 (9)

PARAMETER QUALIFIERS

Lab ID: 3572110002

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 18, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357004

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357004 OAK PARK-091219 (11)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3570040001	14451 Borgman- 1st Liter	WSSN: 4880	Drinking Water	9/12/2019 06:00	9/12/2019 11:55	Erick Stewart
3570040002	14451 Borgman- 5th Liter	WSSN: 4880	Drinking Water	9/12/2019 06:00	9/12/2019 11:55	Erick Stewart

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357004 OAK PARK-091219 (11)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 14.2°C on September 12, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357004 OAK PARK-091219 (11)

Lab ID: **3570040001** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 14451 Borgman- 1st Liter Date Collected: 9/12/2019 06:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.13	mg/L	0.0010	1		1.3	9/13/2019 16:50	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/13/2019 16:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357004 OAK PARK-091219 (11)

Lab ID: **3570040002** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 14451 Borgman- 5th Liter Date Collected: 9/12/2019 06:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.050	mg/L	0.0010	1		1.3	9/13/2019 16:50	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/13/2019 16:50	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 18, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 356996

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356996 OAK PARK-091219 (5)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3569960001	14010 Manhattan- 1st Liter	WSSN: 4880	Drinking Water	9/11/2019 09:00	9/12/2019 11:55	Scott
3569960002	14010 Manhattan- 5th Liter	WSSN: 4880	Drinking Water	9/11/2019 09:00	9/12/2019 11:55	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356996 OAK PARK-091219 (5)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 14.2°C on September 12, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356996 OAK PARK-091219 (5)

Lab ID: **3569960001** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 14010 Manhattan- 1st Liter Date Collected: 9/11/2019 09:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.026	mg/L	0.0010	1		1.3	9/13/2019 14:51	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/13/2019 14:51	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356996 OAK PARK-091219 (5)

Lab ID: **3569960002** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 14010 Manhattan- 5th Liter Date Collected: 9/11/2019 09:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0054	mg/L	0.0010	1		1.3	9/13/2019 14:51	MKK
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/13/2019 14:51	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 26, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357207

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357207 OAK PARK-092019 (6)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3572070001	13661 Borgman-1st Liter	WSSN:4880, Grab	Drinking Water	9/18/2019 18:00	9/20/2019 11:30	Erick Stewart
3572070002	13661 Borgman-5th Liter	WSSN:4880, Grab	Drinking Water	9/18/2019 18:00	9/20/2019 11:30	Erick Stewart

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357207 OAK PARK-092019 (6)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 8.6°C on September 20, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357207 OAK PARK-092019 (6)

Lab ID: **3572070001** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 13661 Borgman-1st Liter Date Collected: 9/18/2019 18:00

Sample Desc: WSSN:4880, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.23	mg/L	0.0010	1		1.3	9/25/2019 11:51	DTM
Lead, Total		0.0037	mg/L	0.0010	1		0.015	9/25/2019 11:51	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357207 OAK PARK-092019 (6)

Lab ID: **3572070002** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 13661 Borgman-5th Liter Date Collected: 9/18/2019 18:00

Sample Desc: WSSN:4880, Grab PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.015	mg/L	0.0010	1		1.3	9/25/2019 11:51	DTM
Lead, Total		0.011	mg/L	0.0010	1		0.015	9/25/2019 11:51	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 26, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357210

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357210 Oak Park - 092019 (3)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3572100001	8508 Yale - 1st Liter	WSSN#4880 GLWA site code 118	Drinking Water	9/17/2019 09:10	9/20/2019 11:30	Scott
3572100002	8508 Yale - 5th Liter	WSSN#4880 GLWAS site code 118	Drinking Water	9/17/2019 09:10	9/20/2019 11:30	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357210 Oak Park - 092019 (3)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 8.6°C on September 20, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357210 Oak Park - 092019 (3)

Lab ID: **3572100001** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 8508 Yale - 1st Liter Date Collected: 9/17/2019 09:10

Sample Desc: WSSN#4880 GLWA site code 118 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.039	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total		0.0051	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357210 Oak Park - 092019 (3)

Lab ID: **3572100002** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 8508 Yale - 5th Liter Date Collected: 9/17/2019 09:10

Sample Desc: WSSN#4880 GLWAS site code 118 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.018	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total		0.0037	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 9/26/2019 3:44:21 PM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

October 3, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357371

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357371 OAK PARK-092719 (5)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3573710001	8503 Colgate- 1st Liter	WSSN: 4880	Drinking Water	9/24/2019 18:30	9/27/2019 13:00	Erick Stewart
3573710002	8503 Colgate- 5th Liter	WSSN: 4880	Drinking Water	9/24/2019 18:30	9/27/2019 13:00	Erick Stewart

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357371 OAK PARK-092719 (5)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 11.8°C on September 27, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357371 OAK PARK-092719 (5)

Lab ID: **3573710001** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 8503 Colgate- 1st Liter Date Collected: 9/24/2019 18:30

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.27	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total		0.013	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357371 OAK PARK-092719 (5)

Lab ID: **3573710002** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 8503 Colgate- 5th Liter Date Collected: 9/24/2019 18:30

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.019	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total	H	0.037	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 357371 OAK PARK-092719 (5)

PARAMETER QUALIFIERS

Lab ID: 3573710002

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

October 3, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357367

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357367 OAK PARK-092719

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3573670001	8479 Colgate- 1st Liter	WSSN: 4880	Drinking Water	9/26/2019 17:30	9/27/2019 13:00	Paul Wesley
3573670002	8479 Colgate- 5th Liter	WSSN: 4880	Drinking Water	9/26/2019 17:30	9/27/2019 13:00	Paul Wesley

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357367 OAK PARK-092719

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 11.8°C on September 27, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357367 OAK PARK-092719

Lab ID: **3573670001** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 8479 Colgate- 1st Liter Date Collected: 9/26/2019 17:30

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.19	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total		0.0027	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357367 OAK PARK-092719

Lab ID: **3573670002** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 8479 Colgate- 5th Liter Date Collected: 9/26/2019 17:30

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.049	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total	H	0.017	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 357367 OAK PARK-092719

PARAMETER QUALIFIERS

Lab ID: 3573670002

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

October 3, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357369

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357369 OAK PARK-092719 (3)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3573690001	8468 Yale- 1st Liter	WSSN: 4880	Drinking Water	9/24/2019 16:00	9/27/2019 13:00	Scott
3573690002	8468 Yale- 5th Liter	WSSN: 4880	Drinking Water	9/24/2019 16:00	9/27/2019 13:00	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357369 OAK PARK-092719 (3)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 11.8°C on September 27, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357369 OAK PARK-092719 (3)

Lab ID: **3573690001** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 8468 Yale- 1st Liter Date Collected: 9/24/2019 16:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.071	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357369 OAK PARK-092719 (3)

Lab ID: **3573690002** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 8468 Yale- 5th Liter Date Collected: 9/24/2019 16:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.014	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 26, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357212

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357212 Oak Park - 092019 (4)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3572120001	8458 Yale - 1st Liter	WSSN#4880 GLWA site code 018	Drinking Water	9/18/2019 06:30	9/20/2019 11:30	Scott
3572120002	8458 Yale - 5th liter	WSSN#4880 GLWA site code 018	Drinking Water	9/18/2019 06:30	9/20/2019 11:30	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357212 Oak Park - 092019 (4)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 8.6°C on September 20, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357212 Oak Park - 092019 (4)

Lab ID: **3572120001** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 8458 Yale - 1st Liter Date Collected: 9/18/2019 06:30

Sample Desc: WSSN#4880 GLWA site code 018 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.33	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 9/26/2019 3:53:24 PM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357212 Oak Park - 092019 (4)

Lab ID: **3572120002** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 8458 Yale - 5th liter Date Collected: 9/18/2019 06:30

Sample Desc: WSSN#4880 GLWA site code 018 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.074	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 9/26/2019 3:53:24 PM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

October 3, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357372

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357372 OAK PARK-092719 (6)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3573720001	8456 Colgate- 1st Liter	WSSN: 4880	Drinking Water	9/25/2019 08:00	9/27/2019 13:00	Scott
3573720002	8456 Colgate- 5th Liter	WSSN: 4880	Drinking Water	9/25/2019 08:00	9/27/2019 13:00	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357372 OAK PARK-092719 (6)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 11.8°C on September 27, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357372 OAK PARK-092719 (6)

Lab ID: **3573720001** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 8456 Colgate- 1st Liter Date Collected: 9/25/2019 08:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.083	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total		0.0034	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357372 OAK PARK-092719 (6)

Lab ID: **3573720002** Date Received: 9/27/2019 13:00 Matrix: Drinking Water (Potable)

Sample ID: 8456 Colgate- 5th Liter Date Collected: 9/25/2019 08:00

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.039	mg/L	0.0010	1		1.3	10/2/2019 10:05	DTM
Lead, Total		0.0048	mg/L	0.0010	1		0.015	10/2/2019 10:05	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 26, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357213

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357213 Oak Park - 092019 (5)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3572130001	8448 Yale - 1st liter	WSSN#4880 GLWA site code 002	Drinking Water	9/18/2019 07:30	9/20/2019 16:01	Scott
3572130002	8448 yale - 5th liter	WSSN#4880 GLWA site code 002	Drinking Water	9/18/2019 07:30	9/20/2019 16:01	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357213 Oak Park - 092019 (5)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 8.6°C on September 20, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357213 Oak Park - 092019 (5)

Lab ID: **3572130001** Date Received: 9/20/2019 16:01 Matrix: Drinking Water (Potable)

Sample ID: 8448 Yale - 1st liter Date Collected: 9/18/2019 07:30

Sample Desc: WSSN#4880 GLWA site code 002 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.17	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total		0.0037	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357213 Oak Park - 092019 (5)

Lab ID: **3572130002** Date Received: 9/20/2019 16:01 Matrix: Drinking Water (Potable)

Sample ID: 8448 yale - 5th liter Date Collected: 9/18/2019 07:30

Sample Desc: WSSN#4880 GLWA site code 002 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.044	mg/L	0.0010	1		1.3	9/25/2019 12:34	DTM
Lead, Total		0.013	mg/L	0.0010	1		0.015	9/25/2019 12:34	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

Generated: 9/26/2019 3:59:08 PM

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 26, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357205

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357205 Oak Park - 092019 (2)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3572050001	8431 Roseland 1st Liter	GLWA site code: -	Drinking Water	9/12/2019 17:30	9/20/2019 11:30	Erick Stewart
3572050002	8431 Roseland 5th Liter	GLWA site code: -	Drinking Water	9/12/2019 17:30	9/20/2019 11:30	Erick Stewart

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357205 Oak Park - 092019 (2)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 8.6°C on September 20, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357205 Oak Park - 092019 (2)

Lab ID: **3572050001** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 8431 Roseland 1st Liter Date Collected: 9/12/2019 17:30

Sample Desc: GLWA site code: - PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.14	mg/L	0.0010	1		1.3	9/25/2019 11:51	DTM
Lead, Total		0.0043	mg/L	0.0010	1		0.015	9/25/2019 11:51	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357205 Oak Park - 092019 (2)

Lab ID: **3572050002** Date Received: 9/20/2019 11:30 Matrix: Drinking Water (Potable)

Sample ID: 8431 Roseland 5th Liter Date Collected: 9/12/2019 17:30

Sample Desc: GLWA site code: - PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.030	mg/L	0.0010	1		1.3	9/25/2019 11:51	DTM
Lead, Total	H	0.023	mg/L	0.0010	1		0.015	9/25/2019 11:51	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 357205 Oak Park - 092019 (2)

PARAMETER QUALIFIERS

Lab ID: 3572050002

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 18, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 357001

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 357001 OAK PARK-091219 (9)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3570010001	8219 Oak Park Blvd- 1st Liter	WSSN: 4880	Drinking Water	9/12/2019 06:30	9/12/2019 11:55	Scott
3570010002	8219 Oak Park Blvd- 5th Liter	WSSN: 4880	Drinking Water	9/12/2019 06:30	9/12/2019 11:55	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 357001 OAK PARK-091219 (9)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 14.2°C on September 12, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357001 OAK PARK-091219 (9)

Lab ID: **3570010001** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 8219 Oak Park Blvd- 1st Liter Date Collected: 9/12/2019 06:30

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.055	mg/L	0.0010	1		1.3	9/13/2019 14:51	MKK
Lead, Total		0.0085	mg/L	0.0010	1		0.015	9/13/2019 14:51	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 357001 OAK PARK-091219 (9)

Lab ID: **3570010002** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 8219 Oak Park Blvd- 5th Liter Date Collected: 9/12/2019 06:30

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0063	mg/L	0.0010	1		1.3	9/13/2019 14:51	MKK
Lead, Total	H	0.025	mg/L	0.0010	1		0.015	9/13/2019 14:51	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 357001 OAK PARK-091219 (9)

PARAMETER QUALIFIERS

Lab ID: 3570010002

H	Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

August 30, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 356343

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,

Margaret Snyder

Margaret T Snyder
margarets@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356343 OAK PARK-081619 (2)

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3563430001	24605 Sherman- First	WSSN: 4880, Site Code 039	Drinking	8/6/2019 16:30	8/16/2019 14:53	DD
3563430002	24605 Sherman- Fifth	WSSN: 4880, Site Code 039	Drinking	8/6/2019 16:30	8/16/2019 14:53	DD

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356343 OAK PARK-081619 (2)

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 10.4°C on August 16, 2019. No ice was present.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356343 OAK PARK-081619 (2)

Lab ID: **3563430001** Date Received: 8/16/2019 14:53 Matrix: Drinking Water (Potable)

Sample ID: 24605 Sherman- First Date Collected: 8/6/2019 16:30

Sample Desc: WSSN: 4880, Site Code 039 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.20	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total		0.0013	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356343 OAK PARK-081619 (2)

Lab ID: **3563430002** Date Received: 8/16/2019 14:53 Matrix: Drinking Water (Potable)

Sample ID: 24605 Sherman- Fifth Date Collected: 8/6/2019 16:30

Sample Desc: WSSN: 4880, Site Code 039 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.026	mg/L	0.0010	1		1.3	8/20/2019 14:50	DTM
Lead, Total		0.014	mg/L	0.0010	1		0.015	8/20/2019 14:50	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 18, 2019

David DeCoster
City of Oak Park
10600 Capital
Oak Park, MI 48237

RE: Workorder: 356992

Dear David DeCoster:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356992 OAK PARK-091219

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3569920001	24471 Sherman- 1st Liter	WSSN: 4880	Drinking Water	9/10/2019 12:05	9/12/2019 11:55	Scott
3569920002	24471 Sherman- 5th Liter	WSSN: 4880	Drinking Water	9/10/2019 12:05	9/12/2019 11:55	Scott

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356992 OAK PARK-091219

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 14.2°C on September 12, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356992 OAK PARK-091219

Lab ID: **3569920001** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 24471 Sherman- 1st Liter Date Collected: 9/10/2019 12:05

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.16	mg/L	0.0010	1		1.3	9/13/2019 14:01	MKK
Lead, Total		0.0055	mg/L	0.0010	1		0.015	9/13/2019 14:01	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356992 OAK PARK-091219

Lab ID: **3569920002** Date Received: 9/12/2019 11:55 Matrix: Drinking Water (Potable)

Sample ID: 24471 Sherman- 5th Liter Date Collected: 9/10/2019 12:05

Sample Desc: WSSN: 4880 PO:

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.15	mg/L	0.0010	1		1.3	9/13/2019 14:01	MKK
Lead, Total		0.011	mg/L	0.0010	1		0.015	9/13/2019 14:01	MKK

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper Compliance

TRACE ID: T19E671-19

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1783 #1 (303 Glendale Ave.)	5/21/19 8:19	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.26 mg/L	1.3	5/23/19 15:42	5/29/19 17:26	rl	EPA 200.8 Rev. 5.4
Lead	0.0010 mg/L	0.015	5/23/19 15:42	5/29/19 17:26	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-20

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1783 #2 (303 Glendale Ave.)	5/21/19 8:20	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.20 mg/L	1.3	5/23/19 15:42	5/29/19 17:27	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/23/19 15:42	5/29/19 17:27	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E671-21

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1736 #1 (1606 Palmer Ave.)	5/22/19 6:01	dvd	*5/22/19 13:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.4 mg/L**	**1.3**	5/23/19 16:31	5/29/19 17:37	rl	**EPA 200.8 Rev. 5.4**
Lead	<0.0010 mg/L	0.015	5/23/19 16:31	5/29/19 17:37	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19E671

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By: TS	
Checked By: CMV	
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab	
Sampling Time:	

Turnaround Requirements:

- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; Oil = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	5/20/19	0603	LCS-1777 #1 1220 Palmer Ave.	N	D	1			x				X	*All bottles	?
12	5/20/19	0604	LCS-1777 #2 1220 Palmer Ave.	N	D	1			x				X	are 1 liter	↓
13	5/20/19	1503	LCS-1779 #1 728 Montrose.	N	D				X				X	and preserved	
14	5/20/19	1504	LCS-1779 #2 728 Montrose.	N	D				X				X	to pH < 2	
15	5/21/19	0639	LCS-1780 #1 1615 Dover Rd.	N	D				X				X		
16	5/21/19	0640	LCS-1780 #2 1615 Dover Rd.	N	D				X				X	*All samples	
17	5/21/19	0738	LCS-1782 #1 427 Campbell Ave.	N	D				X				X	are part of	
18	5/21/19	0739	LCS-1782 #2 427 Campbell Ave.	N	D				X				X	Kalamazoo's	
19	5/21/19	0819	LCS-1783 #1 303 Glendale Ave.	N	D				X				X	lead and copper	
20	5/21/19	0820	LCS-1783 #2 303 Glendale Ave.	N	D				X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	5-22-19	13:36	2) [signature]	[signature]	5/23/19	8:23
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E671 Date: 5/23/19 Package Description: Cooler Temperature: 0.7

Client Name: Kalamazoo, City of Time: 10:50 Logged in by: JB

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: Jimmy Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #:

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable):

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 2.8 °C (check one below)

[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: none °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691

[ ] Other:

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

March 26, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: 210 E. Oak Grove - Tom Brown

TRACE ID: T19C472-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1670 #1	3/18/19 17:50	dvd	*3/20/19 15:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.74 mg/L	1.3	3/25/19 8:37	3/25/19 13:28	jbb	EPA 200.8 Rev. 5.4
Lead	0.0023 mg/L	0.015	3/25/19 8:37	3/25/19 13:28	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19C472-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1670 #2	3/18/19 17:52	dvd	*3/20/19 15:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.43 mg/L	1.3	3/25/19 8:37	3/25/19 13:29	jbb	EPA 200.8 Rev. 5.4
Lead	0.0035 mg/L	0.015	3/25/19 8:37	3/25/19 13:29	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. T19472

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N. Harrison St.
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 377-4753
Email Address:	

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	IS
Checked By:	MB
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:
- ☒ Standard
- ☐ 48 Hour*
- ☐ 4 Day*
- ☐ 24 Hour*
- ☐ 3 Day*

* Requires Prior Approval

Matrix Key:
S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: 210 E Oak Grove - Tom Brown

Sampled By: DVD

Analysis Requested

Trace No.	Date Collected	Time Collected	Client Sample ID (Parchment Lead/Copper Compl.)	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Lead and Copper	Remarks	Possible Health Hazards?
1	3/18/19	1750	LCS-1670 #1	N	D	1			X				X	pH<2	?
2	3/18/19	1752	LCS-1670 #2	N	D	1			X				X	pH<2	?
														8 Bottles are 1 Liter	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	3-20-19	15:30	2) [signature]	[signature]	3/21/19	7:11
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T9C472 Date: 3/21/19 Package Description: Cooler Temperature: -1.4

Client Name: Kalamazoo, City of Time: 8:40 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: Jimmy Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]
Ice still present upon receipt (circle one): (Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C
Representative Sample Temperature: 3.4 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)
Melt Water: None °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

March 26, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: 415 Keyes Dr. - Carol Tinkey

TRACE ID: T19C471-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1671 #1	3/19/19 7:34	dvd	*3/20/19 15:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	3/25/19 8:35	3/25/19 11:07	jbb	EPA 200.8 Rev. 5.4
Lead	0.0070 mg/L	0.015	3/25/19 8:35	3/25/19 11:07	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19C471-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1671 #2	3/19/19 7:35	dvd	*3/20/19 15:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	3/25/19 8:35	3/25/19 11:09	jbb	EPA 200.8 Rev. 5.4
Lead	**0.025 mg/L**	**0.015**	3/25/19 8:35	3/25/19 11:09	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19C471

Report Results To:

Company Name: City of Kalamazoo
Report To: Shannan Deater
Mailing Address: 1415 N. Harrison St.
City, State, Zip Code: Kalamazoo, MI 49007
Office Phone: Cell Phone: (269) 377-4753
Email Address:

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: TS
Checked By: MD
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

☒ Standard ☐ 48 Hour* ☐ 4 Day* ☐ 24 Hour* ☐ 3 Day*
*Requires Prior Approval

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, Oil = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: 415 KEYES DR. - CARA TINKEY
Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID (PARCHMENT LEAD/COPPER COMPLIANCE)	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and Copper	Remarks	Possible Health Hazards?
1	3/19/19	0734	LCS-1671 #1	N	D	1			X				X	pH<2	?
2	3/19/19	0735	LCS-1671 #2	N	D	1			X				X	pH<2	?
														* Bottles are 1 liter	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	3-20-19	15:30	2) [signature]	[signature]	3/20/19	7:07
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19C4171 Date: 3/21/19 Package Description: Cooler Temperature: -1.4

Client Name: Kalamazoo, City of Time: 8:40 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: Jimmy Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 3.4 °C (check one below)

[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: none °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691

[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

March 26, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: 408 Glendale Blvd - Matt Early

TRACE ID: T19C470-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1672 #1	3/20/19 8:32	dvd	*3/20/19 15:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.90 mg/L	1.3	3/25/19 8:37	3/25/19 13:22	jbb	EPA 200.8 Rev. 5.4
Lead	0.0038 mg/L	0.015	3/25/19 8:37	3/25/19 13:22	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19C470-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1672 #2	3/20/19 8:33	dvd	*3/20/19 15:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.039 mg/L	1.3	3/25/19 8:37	3/25/19 13:23	jbb	EPA 200.8 Rev. 5.4
Lead	0.0023 mg/L	0.015	3/25/19 8:37	3/25/19 13:23	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. T19470

Report Results To:

Company Name: City of Kalamazoo
Report To: Shannan Deater
Mailing Address: 1415 N. Harrison St.
City, State, Zip Code: Kalamazoo, MI 49007
Office Phone: Cell Phone: (269) 377-4753
Email Address:

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: TS
Checked By: MP
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

☒ Standard ☐ 48 Hour* ☐ 4 Day* ☐ 24 Hour* ☐ 3 Day*
*Requires Prior Approval

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: 408 Glendale Blvd - Matt Early Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID (Parchment Lead/Copper Compl.)	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and Copper	Remarks	Possible Health Hazards?
1	3/20/19	0832	LCS-1672 #1	N	D	1			X				X	pH<2	?
2	3/20/19	0833	LCS-1672 #2	N	D	1			X				X	pH<2	?
														* Bottles	
														are 1 Liter	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			3-20-19	15:30	2)		3/21/19	7:04
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19C470 Date: 3/21/19 Package Description: Cooler Temperature: -1.4

Client Name: Kalamazoo, City of Time: 8:40 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: Jimmy Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 3.4 °C (check one below)

[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: none °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691

[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

March 26, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: 409 Glendale Blvd - Augustin Leal

TRACE ID: T19C469-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1673 #1	3/20/19 8:41	dvd	*3/20/19 15:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	3/25/19 8:37	3/25/19 13:19	jbb	EPA 200.8 Rev. 5.4
Lead	0.0059 mg/L	0.015	3/25/19 8:37	3/25/19 13:19	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19C469-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1673 #2	3/20/19 8:42	dvd	*3/20/19 15:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	3/25/19 8:37	3/25/19 13:21	jbb	EPA 200.8 Rev. 5.4
Lead	0.010 mg/L	0.015	3/25/19 8:37	3/25/19 13:21	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. T19C469

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N. Harrison St.	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 377-4753
Email Address:	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JS
Checked By: MP
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

☒ Standard ☐ 48 Hour* ☐ 4 Day* ☐ 24 Hour* ☐ 3 Day*
** Requires Prior Approval*

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: 409 Glendale Blvd - Augustin Leal | Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and Copper	Remarks	Possible Health Hazards?
1	3/20/19	0841	PARCHMENT LEAD/COPPER COMPLIANCE LCS-1673 #1	N	D	1			X				X	pH<2	?
2	3/20/19	0842	LCS-1673 #2	N	D	1			X				X	pH<2	?
														*Bottles are 1 liter	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	3-20-19	15:30	2) [signature]	[signature]	3/21/19	9:02
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19C469 Date: 3/21/19 Package Description: Cooler Temperature: -1.4

Client Name: Kalamazoo, City of Time: 8:40 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: Jimmy Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 3.4 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: None °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115
[ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

March 29, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead/Copper Compliance

TRACE ID: T19C544-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1675 #1 339 Oak Grove	3/21/19 6:35	dvd	*3/23/19 16:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	3/29/19 8:13	3/29/19 9:27	jbb	EPA 200.8 Rev. 5.4
Lead	0.0067 mg/L	0.015	3/29/19 8:13	3/29/19 9:27	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19C544-02

Customer was notified of results on 3/29/2019 SLD

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1675 #2 339 Oak Grove	3/21/19 6:36	dvd	*3/23/19 16:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.053 mg/L	1.3	3/29/19 8:13	3/29/19 9:28	jbb	EPA 200.8 Rev. 5.4
Lead	**0.041 mg/L**	**0.015**	3/29/19 8:13	3/29/19 9:28	jbb	**EPA 200.8 Rev. 5.4**

TRACE ID: T19C544-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1674 #1 139 Parchmount	3/21/19 13:00	dvd	*3/23/19 16:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	3/29/19 8:13	3/29/19 9:30	jbb	EPA 200.8 Rev. 5.4
Lead	0.0059 mg/L	0.015	3/29/19 8:13	3/29/19 9:30	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

March 29, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead/Copper Compliance

TRACE ID: T19C544-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1674 #2 139 Parchmount	3/21/19 13:01	dvd	*3/23/19 16:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	3/29/19 8:13	3/29/19 9:31	jbb	EPA 200.8 Rev. 5.4
Lead	0.0055 mg/L	0.015	3/29/19 8:13	3/29/19 9:31	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19C544-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1678 #1 294 Glendale	3/22/19 9:03	dvd	*3/23/19 16:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.17 mg/L	1.3	3/29/19 8:13	3/29/19 9:33	jbb	EPA 200.8 Rev. 5.4
Lead	0.014 mg/L	0.015	3/29/19 8:13	3/29/19 9:33	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19C544-06 Customer was notified of results on 3/29/2019 SLD

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1678 #2 294 Glendale	3/22/19 9:04	dvd	*3/23/19 16:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.025 mg/L	1.3	3/29/19 8:13	3/29/19 9:34	jbb	EPA 200.8 Rev. 5.4
Lead	**0.017 mg/L**	**0.015**	3/29/19 8:13	3/29/19 9:34	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. T9C544

Report Results To:

Company Name: City of Kalamazoo
Report To: Shannan Deater
Mailing Address: 1415 N. Harrison St.
City, State, Zip Code: Kalamazoo, MI 49007
Office Phone: Cell Phone: (269) 377-4753
Email Address:

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: MB
Checked By: JS
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

☒ Standard ☐ 48 Hour*
☐ 4 Day* ☐ 24 Hour*
☐ 3 Day*
* Requires Prior Approval

Matrix Key:

S = Soil / Solid
W = Water
SL = Sludge
Oil = Oil
WI = Wipes
LW = Liquid Waste
A = Air
D = Drinking Water

Project Name: USE ADDRESSES IN SAMPLE ID
Sampled By: DVD

PARCHMENT LEAD/COPPER COMPLIANCE

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and Copper	Remarks	Possible Health Hazards?
1	3/21/19	0635	LCS-1675 #1 339 OAK GROVE	N	D	1			X				X	pH<2	?
2	3/21/19	0636	LCS-1675 #2 339 OAK GROVE	N	D	1			X				X	pH<2	?
3	3/21/19	1309	LCS-1674 #1 139 PARCHMOUNT	N	D	1			X				X	pH<2	?
4	3/21/19	1301	LCS-1674 #2 139 PARCHMOUNT	N	D	1			X				X	pH<2	?
5	3/22/19	0903	LCS-1678 #1 294 GLENDALE	N	D	1			X				X	pH<2	?
6	3/22/19	0904	LCS-1678 #2 294 GLENDALE	N	D	1			X				X	pH<2	?
														* ALL Bottles are 1 liter	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
	1)		3-22-19	11:46	2)		3-22-19	16:45
	3)				4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19C544 Date: 3-22-19 Package Description: Cooler Temperature: -0.4

Client Name: City of Kalamazoo Time: 16:45 Logged in by: MJ/MB

Cooler Receipt

Cooler/samples delivered by: Trace courier [✓]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [✓] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [✓] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [✓]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 1.5 °C (check one below)
[✓] Temp Blank (Stick Thermometer)
[ ] Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	✓			
Each sample point is in a sealed plastic bag?			✓	
Labels filled out completely?	✓			
All bottle labels agree with Chain of Custody (COC)?	✓			
Sufficient sample to run tests requested?	✓			
*pH checked and samples at correct pH?	✓			
Correct preservative added to samples?	✓			
Air bubbles absent from VOAs?			✓	
COC filled out properly and signed by client?	✓			
COC signed in by TRACE sample custodian?	✓			
Was project manager called and samples discussed?			✓	

Notes:

*EMD pH Test Strips Used:
[✓] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

March 29, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Drinking Water - March 2019

TRACE ID: T19C639-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1676 #1 522 Glendale	3/22/19 16:13	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.028 mg/L	1.3	3/29/19 9:42	3/29/19 12:12	jbb	EPA 200.8 Rev. 5.4
Lead	0.014 mg/L	0.015	3/29/19 9:42	3/29/19 12:12	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19C639-02 Resident was called on 3/29/19 left a message.

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1676 #2 522 Glendale	3/22/19 16:14	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.038 mg/L	1.3	3/29/19 9:42	3/29/19 12:13	jbb	EPA 200.8 Rev. 5.4
Lead	**0.030 mg/L**	**0.015**	3/29/19 9:42	3/29/19 12:13	jbb	**EPA 200.8 Rev. 5.4**

TRACE ID: T19C639-03 Resident was called on 3/29/19 but could not leave a message. Voicebox was full. SLD

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1677 #1 267 Parchmount	3/25/19 7:29	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.96 mg/L	1.3	3/29/19 9:42	3/29/19 12:41	jbb	EPA 200.8 Rev. 5.4
Lead	**0.33 mg/L**	**0.015**	3/29/19 9:42	3/29/19 12:14	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

March 29, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Drinking Water - March 2019

TRACE ID: T19C639-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1677 #2 267 Parchmount	3/25/19 7:30	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.21 mg/L	1.3	3/29/19 9:42	3/29/19 12:16	jbb	EPA 200.8 Rev. 5.4
Lead	**0.071 mg/L**	**0.015**	3/29/19 9:42	3/29/19 12:16	jbb	**EPA 200.8 Rev. 5.4**

TRACE ID: T19C639-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1682 #1 220 Sanford	3/25/19 6:01	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.20 mg/L	1.3	3/29/19 9:42	3/29/19 12:20	jbb	EPA 200.8 Rev. 5.4
Lead	0.0077 mg/L	0.015	3/29/19 9:42	3/29/19 12:20	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19C639-06

Spoke with resident on 3/29/19 and provided results.

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1682 #2 220 Sanford	3/25/19 6:02	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.028 mg/L	1.3	3/29/19 9:42	3/29/19 12:22	jbb	EPA 200.8 Rev. 5.4
Lead	**0.031 mg/L**	**0.015**	3/29/19 9:42	3/29/19 12:22	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

March 29, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Drinking Water - March 2019

TRACE ID: T19C639-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1684 #1 260 Parchmount	3/25/19 17:22	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.19 mg/L	1.3	3/29/19 9:42	3/29/19 12:23	jbb	EPA 200.8 Rev. 5.4
Lead	0.0047 mg/L	0.015	3/29/19 9:42	3/29/19 12:23	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19C639-08 Resident was called on 3/29/19. Left a message with results.

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1684 #2 260 Parchmount	3/25/19 17:23	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.040 mg/L	1.3	3/29/19 9:42	3/29/19 12:24	jbb	EPA 200.8 Rev. 5.4
Lead	**0.015 mg/L**	**0.015**	3/29/19 9:42	3/29/19 12:24	jbb	**EPA 200.8 Rev. 5.4**

TRACE ID: T19C639-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1672 #1 302 Parchmount	3/26/19 16:02	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	3/29/19 9:42	3/29/19 12:25	jbb	EPA 200.8 Rev. 5.4
Lead	0.0045 mg/L	0.015	3/29/19 9:42	3/29/19 12:25	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

March 29, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Drinking Water - March 2019

TRACE ID: T19C639-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1672 #2 302 Parchmount	3/26/19 16:03	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	3/29/19 9:42	3/29/19 12:26	jbb	EPA 200.8 Rev. 5.4
Lead	0.014 mg/L	0.015	3/29/19 9:42	3/29/19 12:26	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19C639-11

Spoke with resident on 3/29/19 and provided results.

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1679 #1 327 Glendale	3/26/19 6:17	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.25 mg/L	1.3	3/29/19 9:42	3/29/19 12:28	jbb	EPA 200.8 Rev. 5.4
Lead	**0.067 mg/L**	**0.015**	3/29/19 9:42	3/29/19 12:28	jbb	**EPA 200.8 Rev. 5.4**

TRACE ID: T19C639-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1679 #2 327 Glendale	3/26/19 6:18	dvd	*3/27/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	3/29/19 9:42	3/29/19 12:29	jbb	EPA 200.8 Rev. 5.4
Lead	**0.030 mg/L**	**0.015**	3/29/19 9:42	3/29/19 12:29	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19C639

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: MB
Checked By: TB
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	3/22/19	1613	LCS-1676 #1 522 Glendale	N	D	1			x				X	*All bottles	?
2	3/22/19	1614	LCS-1676 #2 522 Glendale	N	D	1			x				X	are 1 liter	↓
3	3/25/19	0729	LCS-1677 #1 267 Parchmount	N	D	1			X				X	and preserved	
4	3/25/19	0730	LCS-1677 #2 267 Parchmount	N	D	1			X				X	to pH < 2	
5	3/25/19	0601	LCS-1682 #1 220 Sanford	N	D	1			X				X		
6	3/25/19	0602	LCS-1682 #2 220 Sanford	N	D	1			X				X	*All samples	
7	3/25/19	1722	LCS-1684 #1 260 Parchmount	N	D	1			X				X	are part of	
8	3/25/19	1723	LCS-1684 #2 260 Parchmount	N	D	1			X				X	Parchment's	
9	3/26/19	1602	LCS-[illegible] #1 302 Parchmount	N	D	1			X				X	lead and copper	
10	3/26/19	1603	LCS-[illegible] #2 302 Parchmount	N	D	1			X				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	3/27/19	1300	2) [signature]	[signature]	3-28-19	8:21
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

TRACE ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 2 & 3 of 2

Trace ID No. T19C639

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	MD
Checked By:	JS
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* *Requires Prior Approval*

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	3/26/19	0617	LCS- 1679 #1 327 Glendale	N	D	1			x				X	*All bottles	?
12	3/26/19	0618	LCS- 1679 #2 327 Glendale	N	D	1			x				X	are 1 liter	↓
			LCS- #1											and preserved	
			LCS- #2											to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Parchment's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	3/27/19	1300	2) [signature]	[signature]	3/28/19	8:2
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19C639 Date: 3-28-19 Package Description: cooler Temperature: -1.6

Client Name: Kalamazoo Time: 8:21 Logged in by: [illegible]

Cooler Receipt

Cooler/samples delivered by: Trace courier ☒ Hand delivered ☐ Name of delivery person: _____

Commercial courier ☐ UPS ☐ FED EX ☐ US Mail ☐

Tracking Number: ☒ Not Applicable

Tracking #: _____

COC Seals present and intact on cooler? ☒ Not Applicable ☐ No ☐ Yes

Custody seals signed by Client? ☐ No ☐ Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? ☒

Multiple bags of ice around samples? ☐

Ice Packs/ Blue Ice : ☐

No Coolant Present: ☐

Ice still present upon receipt (circle one): (Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C

•IR Thermometer CF = -0.8°C

Representative Sample Temperature: -0.2 °C (check one below)

☐ Temp Blank (Stick Thermometer)

☒ Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	☒	☐	☐	
Each sample point is in a sealed plastic bag?	☐	☐	☒	
Labels filled out completely?	☒	☐	☐	
All bottle labels agree with Chain of Custody (COC)?	☒	☐	☐	
Sufficient sample to run tests requested?	☒	☐	☐	
*pH checked and samples at correct pH?	☒	☐	☐	
Correct preservative added to samples?	☒	☐	☐	
Air bubbles absent from VOAs?	☐	☐	☒	
COC filled out properly and signed by client?	☒	☐	☐	
COC signed in by TRACE sample custodian?	☒	☐	☐	
Was project manager called and samples discussed?	☐	☐	☒	

Notes:

*EMD pH Test Strips Used:

☒ pH 0-2.5 Lot: HC862115 ☐ pH 11.0-13.0 Lot: HC600691

☐ Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Drinking Water

TRACE ID: T19D140-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1683 #1 432 N. Riverview	4/2/19 6:05	dvd	*4/3/19 11:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.028 mg/L	1.3	4/10/19 8:18	4/10/19 15:55	jbb	EPA 200.8 Rev. 5.4
Lead	0.013 mg/L	0.015	4/10/19 8:18	4/10/19 15:55	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D140-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1683 #2 432 N. Riverview	4/2/19 6:06	dvd	*4/3/19 11:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/10/19 8:18	4/10/19 15:56	jbb	EPA 200.8 Rev. 5.4
Lead	**0.040 mg/L**	**0.015**	4/10/19 8:18	4/10/19 15:56	jbb	**EPA 200.8 Rev. 5.4**

TRACE ID: T19D140-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1677 #3 267 Parchmount	4/2/19 7:31	dvd	*4/3/19 11:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.24 mg/L	1.3	4/10/19 8:18	4/10/19 15:58	jbb	EPA 200.8 Rev. 5.4
Lead	**0.022 mg/L**	**0.015**	4/10/19 8:18	4/10/19 15:58	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE
ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 11, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Drinking Water

TRACE ID: T19D140-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1677 #4 267 Parchmount	4/2/19 7:32	dvd	*4/3/19 11:15*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/10/19 8:18	4/10/19 15:59	jbb	EPA 200.8 Rev. 5.4
Lead	**0.016 mg/L**	**0.015**	4/10/19 8:18	4/10/19 15:59	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE ANALYTICAL LABORATORIES, INC.
231-773-5998 Phone | 888-979-4469 Fax | www.trace-labs.com
Trace Analytical Laboratories, Inc. | 2241 Black Creek Road | Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. T19D140

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By: IS
Checked By:
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* *Requires Prior Approval*

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; Oil = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	4/2/19	0605	LCS- 1683 #1 432 N Riverview	N	D	1			x				X	*All bottles	?
2	4/2/19	0606	LCS- 1683 #2 432 N Riverview	N	D	1			x				X	are 1 liter	↓
3	4/2/19	0731	LCS- 1677 #3 267 Parchmount	N	D	1			x				X	and preserved	
4	4/2/19	0732	LCS- 1677 #4 267 Parchmount	N	D	1			x				X	to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Parchment's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	Shannan Deater		4-3-19	11:15	2)		4/3/19	18:00
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19D140 Date: 4-3-19 Package Description: Cooler Temperature: -1.0

Client Name: City of Kalamazoo Time: 18:00 Logged in by: AM

Cooler Receipt

Cooler/samples delivered by: Trace courier ☑
Hand delivered ☐ Name of delivery person: _____
Commercial courier ☐ UPS ☐ FED EX ☐ US Mail ☐

Tracking Number: ☑ Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? ☑ Not Applicable ☐ No ☐ Yes
Custody seals signed by Client? ☐ No ☐ Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? ☑
Multiple bags of ice around samples? ☐
Ice Packs/ Blue Ice : ☐
No Coolant Present: ☐

Ice still present upon receipt (circle one): (Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 3,4 °C (check one below)
☐ Temp Blank (Stick Thermometer)
☑ Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	☑	☐	☐	
Each sample point is in a sealed plastic bag?	☐	☑	☐	
Labels filled out completely?	☑	☐	☐	
All bottle labels agree with Chain of Custody (COC)?	☑	☐	☐	
Sufficient sample to run tests requested?	☑	☐	☐	
*pH checked and samples at correct pH?	☑	☐	☐	
Correct preservative added to samples?	☑	☐	☐	
Air bubbles absent from VOAs?	☐	☐	☑	
COC filled out properly and signed by client?	☑	☐	☐	
COC signed in by TRACE sample custodian?	☑	☐	☐	
Was project manager called and samples discussed?	☐	☐	☐	

Notes:

*EMD pH Test Strips Used:
☒ pH 0-2.5 Lot: HC862115 ☐ pH 11.0-13.0 Lot: HC600691
☐ Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper - April 2019

TRACE ID: T19D365-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1701 #1 (336 N. Riverview)	4/10/19 0:00	dvd	*4/10/19 11:25*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	4/11/19 8:14	4/11/19 11:38	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/11/19 8:14	4/11/19 11:38	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D365-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1701 #2 (336 N. Riverview)	4/10/19 8:10	dvd	*4/10/19 11:25*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.040 mg/L	1.3	4/11/19 8:14	4/11/19 11:39	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/11/19 8:14	4/11/19 11:39	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D365-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1702 #1 (413 Elmhurst Ave.)	4/10/19 7:37	dvd	*4/10/19 11:25*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.056 mg/L	1.3	4/11/19 8:14	4/11/19 11:40	jbb	EPA 200.8 Rev. 5.4
Lead	**0.020 mg/L**	**0.015**	4/11/19 8:14	4/11/19 11:40	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper - April 2019

TRACE ID: T19D365-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1702 #2 (413 Elmhurst Ave.)	4/10/19 7:38	dvd	*4/10/19 11:25*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.040 mg/L	1.3	4/11/19 8:14	4/11/19 11:42	jbb	EPA 200.8 Rev. 5.4
Lead	0.0062 mg/L	0.015	4/11/19 8:14	4/11/19 11:42	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T190365

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: IS
Checked By: MB
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid
W = Water
SL = Sludge
OI = Oil
WI = Wipes
LW = Liquid Waste
A = Air
D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	4/10/19	0809	LCS- 1701 #1 336 N RIVERVIEW	N	D	1			x				X	*All bottles	?
2	4/10/19	0810	LCS- 1701 #2 336 N RIVERVIEW	N	D	1			x				X	are 1 liter	↓
3	4/10/19	0737	LCS- 1702 #1 413 ELMHURST AVE	N	D	1			x				X	and preserved	
4	4/10/19	0738	LCS- 1702 #2 413 ELMHURST AVE	N	D	1			x				X	to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Parchment's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	4-10-19	11:25	2) [signature]	[signature]	4/10/19	18:23
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19D365 Date: 4/11/19 Package Description: Coolers Temperature: -1.4

Client Name: Kalamazoo Time: 9:02 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X] Hand delivered [ ] Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Name of delivery person: James Peterman

Tracking Number: [X] Not Applicable

Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]

Multiple bags of ice around samples? [ ]

Ice Packs/ Blue Ice : [ ]

No Coolant Present: [ ]

Ice still present upon receipt (circle one):

(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C

•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 2.0 °C (check one below)

[X] Temp Blank (Stick Thermometer)

[ ] Client Sample (IR Thermometer)

Melt Water: none °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:

[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691

[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS 1700,1703,1704, 1705, 1706,1707,1709,1710

TRACE ID: T19D425-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1700 #1 (416 Parchmount)	4/10/19 16:54	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.17 mg/L	1.3	4/17/19 8:53	4/17/19 10:26	jbb	EPA 200.8 Rev. 5.4
Lead	0.0054 mg/L	0.015	4/17/19 8:53	4/17/19 10:26	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D425-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1700 #2 (416 Parchmount)	4/10/19 16:55	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.027 mg/L	1.3	4/17/19 8:53	4/17/19 10:27	jbb	EPA 200.8 Rev. 5.4
Lead	0.0097 mg/L	0.015	4/17/19 8:53	4/17/19 10:27	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D425-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1703 #1 (109 Maple Ave)	4/10/19 17:00	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.92 mg/L	1.3	4/17/19 8:53	4/17/19 11:22	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/17/19 8:53	4/17/19 10:29	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS 1700,1703,1704, 1705, 1706,1707,1709,1710

TRACE ID: T19D425-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1703 #2 (109 Maple Ave)	4/10/19 17:01	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.44 mg/L	1.3	4/17/19 8:53	4/17/19 10:30	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	4/17/19 8:53	4/17/19 10:30	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D425-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1704 #1 (335 E. Oak Grove)	4/11/19 7:32	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.035 mg/L	1.3	4/17/19 8:53	4/17/19 10:31	jbb	EPA 200.8 Rev. 5.4
Lead	0.011 mg/L	0.015	4/17/19 8:53	4/17/19 10:31	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D425-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1704 #2 (335 E. Oak Grove)	4/11/19 7:33	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.047 mg/L	1.3	4/17/19 8:53	4/17/19 10:33	jbb	EPA 200.8 Rev. 5.4
Lead	**0.056 mg/L**	**0.015**	4/17/19 8:53	4/17/19 10:33	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS 1700,1703,1704, 1705, 1706,1707,1709,1710

TRACE ID: T19D425-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1706 #1 (323 E. Oak Grove)	4/11/19 6:28	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.17 mg/L	1.3	4/17/19 8:53	4/17/19 10:34	jbb	EPA 200.8 Rev. 5.4
Lead	**0.029 mg/L**	**0.015**	4/17/19 8:53	4/17/19 10:34	jbb	**EPA 200.8 Rev. 5.4**

TRACE ID: T19D425-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1706 #2 (323 E. Oak Grove)	4/11/19 6:29	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.037 mg/L	1.3	4/17/19 8:53	4/17/19 10:39	jbb	EPA 200.8 Rev. 5.4
Lead	**0.018 mg/L**	**0.015**	4/17/19 8:53	4/17/19 10:39	jbb	**EPA 200.8 Rev. 5.4**

TRACE ID: T19D425-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1707 #1 (122 Elsmere St.)	4/11/19 10:26	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.4 mg/L**	**1.3**	4/17/19 8:53	4/17/19 11:23	jbb	**EPA 200.8 Rev. 5.4**
Lead	**0.043 mg/L**	**0.015**	4/17/19 8:53	4/17/19 10:40	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS 1700,1703,1704, 1705, 1706,1707,1709,1710

TRACE ID: T19D425-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1707 #2 (122 Elsmere St.)	4/11/19 10:27	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.063 mg/L	1.3	4/17/19 8:53	4/17/19 10:42	jbb	EPA 200.8 Rev. 5.4
Lead	0.0037 mg/L	0.015	4/17/19 8:53	4/17/19 10:42	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D425-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1709 #1 (286 Glendale)	4/12/19 9:50	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.037 mg/L	1.3	4/17/19 8:53	4/17/19 10:43	jbb	EPA 200.8 Rev. 5.4
Lead	**0.091 mg/L**	**0.015**	4/17/19 8:53	4/17/19 10:43	jbb	**EPA 200.8 Rev. 5.4**

TRACE ID: T19D425-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1709 #2 (286 Glendale)	4/12/19 9:51	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	4/17/19 8:53	4/17/19 10:44	jbb	EPA 200.8 Rev. 5.4
Lead	**0.14 mg/L**	**0.015**	4/17/19 8:53	4/17/19 10:44	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS 1700,1703,1704, 1705, 1706,1707,1709,1710

TRACE ID: T19D425-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1710 #1 (350 Glendale)	4/12/19 9:30	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.29 mg/L	1.3	4/17/19 8:53	4/17/19 10:46	jbb	EPA 200.8 Rev. 5.4
Lead	**0.043 mg/L**	**0.015**	4/17/19 8:53	4/17/19 10:46	jbb	**EPA 200.8 Rev. 5.4**

TRACE ID: T19D425-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1710 #2 (350 Glendale)	4/12/19 9:31	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.039 mg/L	1.3	4/17/19 8:53	4/17/19 10:47	jbb	EPA 200.8 Rev. 5.4
Lead	**0.059 mg/L**	**0.015**	4/17/19 8:53	4/17/19 10:47	jbb	**EPA 200.8 Rev. 5.4**

TRACE ID: T19D425-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1705 #1 (115 E. Glenguile Ave.)	4/11/19 0:00	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.74 mg/L	1.3	4/17/19 8:53	4/17/19 10:48	jbb	EPA 200.8 Rev. 5.4
Lead	0.0022 mg/L	0.015	4/17/19 8:53	4/17/19 10:48	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS 1700,1703,1704, 1705, 1706,1707,1709,1710

TRACE ID: T19D425-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1705 #2 (115 E. Glenguile Ave.)	4/11/19 0:00	dvd	*4/12/19 12:24*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.45 mg/L	1.3	4/17/19 8:53	4/17/19 10:50	jbb	EPA 200.8 Rev. 5.4
Lead	0.0040 mg/L	0.015	4/17/19 8:53	4/17/19 10:50	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19D425

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	JE
Checked By:	MB
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

** Requires Prior Approval*

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	4/10/19	1654	LCS-1700 #1 416 Parchmount	N	D	1			x				X	*All bottles	?
2	4/10/19	1655	LCS-1700 #2 416 Parchmount	N	D	1			x				X	are 1 liter	↓
3	4/10/19	1700	LCS-1703 #1 109 Maple Ave	N	D	1			x				X	and preserved	
4	4/10/19	1701	LCS-1703 #2 109 Maple Ave	N	D	1			x				X	to pH < 2	
5	4/11/19	0732	LCS-1704 #1 335 E Oak Grove	N	D	1			x				X		
6	4/11/19	0733	LCS-1704 #2 335 E Oak Grove	N	D	1			x				X	*All samples	
7	4/11/19	0628	LCS-1706 #1 323 E Oak Grove	N	D	1			x				X	are part of	
8	4/11/19	0629	LCS-1706 #2 323 E Oak Grove	N	D	1			x				X	Parchment's	
9	4/11/19	1026	LCS-1707 #1 122 Elsmere St.	N	D	1			x				X	lead and copper	
10	4/11/19	1627	LCS-1707 #2 122 Elsmere St	N	D	1			x				X	compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			4/12/19	12:24	2)			
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19D425

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	
Checked By:	MB
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
11	4/12/19	0950	LCS- 1709 #1 286 GLENDALE	N	D	1			x				X	*All bottles	?
12	4/12/19	0951	LCS- 1709 #2 286 GLENDALE	N	D	1			x				X	are 1 liter	↓
13	4/12/19	0930	LCS- 1716 #1 350 GLENDALE	N	D	1			x				X	and preserved	
14	4/12/19	0931	LCS- 1716 #2 350 GLENDALE	N	D	1			x				X	to pH < 2	
15	~~4/11/19~~	4/11/19	LCS- 1705 #1 115 E. Glenquite Ave.												
16	~~4/11/19~~	4/11/19	LCS- 1705 #2 115 E. Glenquite Ave.											*All samples	
	4/11/19		LCS- #1											are part of	
			LCS- #2											Parchment's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)					2)			
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T198425 Date: 4-12-19 Package Description: cooler Temperature: 1.0
Client Name: Kalamazoo Time: 1224 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier: ☒ Hand delivered ☐ Name of delivery person: _____
Commercial courier ☐ UPS ☐ FED EX ☐ US Mail ☐

Tracking Number: ☒ Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? ☒ Not Applicable ☐ No ☐ Yes
Custody seals signed by Client? ☐ No ☐ Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? ☒
Multiple bags of ice around samples? ☐
Ice Packs/ Blue Ice : ☐
No Coolant Present: ☐
Ice still present upon receipt (circle one): Yes No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C
Representative Sample Temperature: 3.4 °C (check one below)
☐ Temp Blank (Stick Thermometer)
☒ Client Sample (IR Thermometer)
Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	☒	☐	☐	
Each sample point is in a sealed plastic bag?	☐	☐	☒	
Labels filled out completely?	☒	☐	☐	
All bottle labels agree with Chain of Custody (COC)?	☒	☐	☐	
Sufficient sample to run tests requested?	☒	☐	☐	
*pH checked and samples at correct pH?	☒	☐	☐	
Correct preservative added to samples?	☒	☐	☐	
Air bubbles absent from VOAs?	☐	☐	☒	
COC filled out properly and signed by client?	☒	☐	☐	
COC signed in by TRACE sample custodian?	☒	☐	☐	
Was project manager called and samples discussed?	☐	☐	☒	

Notes:

*EMD pH Test Strips Used:
☒ pH 0-2.5 Lot: HC862115 ☐ pH 11.0-13.0 Lot: HC600691
☐ Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

April 25, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: LCS 1711- 337 Glendale Ave.

TRACE ID: T19D329-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1711 #1 (337 Glendale Ave.)	4/18/19 6:37	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/23/19 8:57	4/24/19 16:57	jbb	EPA 200.8 Rev. 5.4
Lead	0.014 mg/L	0.015	4/23/19 8:57	4/24/19 16:57	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19D329-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1711 #2 (337 Glendale Ave.)	4/18/19 6:38	dvd	*4/19/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	4/23/19 8:57	4/24/19 16:59	jbb	EPA 200.8 Rev. 5.4
Lead	**0.017 mg/L**	**0.015**	4/23/19 8:57	4/24/19 16:59	jbb	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T190329

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: IS
Checked By:
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	4/18/19	0637	LCS- 1711 #1 337 GLENDALE AVE.	N	D	1			x				X	*All bottles	?
2	4/18/19	0638	LCS- 1711 #2 337 GLENDALE	N	D	1			x				X	are 1 liter	↓
			LCS- #1											and preserved	
			LCS- #2											to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Parchment's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			4/19/19	11am	2)		4/23/19	9:38
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19D329 Date: 4/22/19 Package Description: Cooler Temperature: 2.8
Client Name: Kalamazoo Time: 9:03 Logged in by: SS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]
Ice still present upon receipt (circle one):
Yes (No) N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C
Representative Sample Temperature: 4.5 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)
Melt Water: 4.0 °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115
[ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper

TRACE ID: T19E202-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1730 #1 (1803 Baker Dr.)	5/6/19 8:10	dvd	*5/7/19 11:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.093 mg/L	1.3	5/8/19 12:18	5/14/19 17:35	jbb	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	5/8/19 12:18	5/14/19 17:35	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19E202-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1730 #2 (1803 Baker Dr.)	5/6/19 8:12	dvd	*5/7/19 11:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.085 mg/L	1.3	5/13/19 16:42	5/14/19 9:10	jbb	EPA 200.8 Rev. 5.4
Lead	0.0053 mg/L	0.015	5/13/19 16:42	5/14/19 9:10	jbb	EPA 200.8 Rev. 5.4

TRACE ID: T19E202-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1726 #1 (215 E. Oak Grove)	5/7/19 5:49	dvd	*5/7/19 11:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.070 mg/L	1.3	5/13/19 16:42	5/14/19 9:12	jbb	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	5/13/19 16:42	5/14/19 9:12	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 15, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper

TRACE ID: T19E202-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1726 #2 (215 E. Oak Grove)	5/7/19 5:50	dvd	*5/7/19 11:05*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/13/19 16:42	5/14/19 9:13	jbb	EPA 200.8 Rev. 5.4
Lead	0.0048 mg/L	0.015	5/13/19 16:42	5/14/19 9:13	jbb	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of _____

Trace ID No. T19E202

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JS MB

Checked By:

Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab

Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	5/6/19	0810	LCS- 1730 #1 1803 Baker Dr.	N	D	1			x				X	*All bottles	?
2	5/6/19	0812	LCS- 1730 #2 1803 Baker Dr.	N	D	1			x				X	are 1 liter	↓
3	5/7/19	0549	LCS- 1726 #1 215 E Oak Grove.	N	D	1			X				X	and preserved	
4	5/7/19	0550	LCS- 1726 #2 215 E Oak Grove.	N	D	1			X				X	to pH < 2	
			LCS- #1 .												
			LCS- #2 .											*All samples	
			LCS- #1 .											are part of	
			LCS- #2 .											Parchment's	
			LCS- #1 .											lead and copper	
			LCS- #2 .											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	5-7-19	11:05	2) [signature]	[signature]	5/8/19	9:15
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19E202 Date: 5-8-19 Package Description: cooler Temperature: -1.6

Client Name: Kalamazoo Time: 8:54 Logged in by: SS

Cooler Receipt

Cooler/samples delivered by: Trace courier ☒
Hand delivered ☐ Name of delivery person: _____
Commercial courier ☐ UPS ☐ FED EX ☐ US Mail ☐

Tracking Number: ☒ Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? ☒ Not Applicable ☐ No ☐ Yes

Custody seals signed by Client? ☐ No ☐ Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? ☒
Multiple bags of ice around samples? ☐
Ice Packs/ Blue Ice : ☐
No Coolant Present: ☐

Ice still present upon receipt (circle one): (Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C
•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 3.0 °C (check one below)

☒ Temp Blank (Stick Thermometer)
☐ Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	☒	☐	☐	
Each sample point is in a sealed plastic bag?	☐	☐	☒	
Labels filled out completely?	☒	☐	☐	
All bottle labels agree with Chain of Custody (COC)?	☒	☐	☐	
Sufficient sample to run tests requested?	☒	☐	☐	
*pH checked and samples at correct pH?	☒	☐	☐	
Correct preservative added to samples?	☒	☐	☐	
Air bubbles absent from VOAs?	☐	☐	☒	
COC filled out properly and signed by client?	☒	☐	☐	
COC signed in by TRACE sample custodian?	☒	☐	☐	
Was project manager called and samples discussed?	☐	☐	☒	

Notes:

*EMD pH Test Strips Used:
☒ pH 0-2.5 Lot: HC862115
☐ pH 11.0-13.0 Lot: HC600691
☐ Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper

TRACE ID: T19E324-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1747 #1 (116 Elsmere St.)	5/10/19 8:07	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.17 mg/L	1.3	5/15/19 9:35	5/20/19 19:39	rl	EPA 200.8 Rev. 5.4
Lead	0.0051 mg/L	0.015	5/15/19 9:35	5/17/19 10:39	rl	EPA 200.8 Rev. 5.4

TRACE ID: T19E324-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1747 #2 (116 Elsmere St.)	5/10/19 8:08	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.055 mg/L	1.3	5/15/19 9:35	5/20/19 19:40	rl	EPA 200.8 Rev. 5.4
Lead	**0.024 mg/L**	**0.015**	5/15/19 9:35	5/17/19 10:41	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: T19E324-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1752 #1 (223 Maple St.)	5/10/19 8:33	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	5/15/19 9:46	5/20/19 20:02	rl	EPA 200.8 Rev. 5.4
Lead	0.0077 mg/L	0.015	5/15/19 9:46	5/20/19 20:02	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

May 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead and Copper

TRACE ID: T19E324-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1752 #2 (223 Maple St.)	5/10/19 8:34	dvd	*5/10/19 14:44*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	5/15/19 9:46	5/20/19 20:03	rl	EPA 200.8 Rev. 5.4
Lead	0.0065 mg/L	0.015	5/15/19 9:46	5/20/19 20:03	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

TRACE
ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. T19E324

Report Results To:

Company Name: City of Kalamazoo	
Report To: Shannan Deater	
Mailing Address: 1415 N Harrison Street	
City, State, Zip Code: Kalamazoo, MI 49007	
Office Phone:	Cell Phone: (269) 337-4753
Email Address: deaters@kalamazoocity.org	

Bill To:

PO #:
Contact Name:
Billing Address (if different):
City, State, Zip Code:
Phone Number:
Billing Email Address:

Trace Use:

Logged By: JS
Checked By: MM
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 48 Hour*
- [ ] 4 Day*
- [ ] 24 Hour*
- [ ] 3 Day*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; WI = Wipes; W = Water; LW = Liquid Waste; SL = Sludge; A = Air; OI = Oil; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	5/10/19	0807	LCS- 1747 #1 116 ELSMERE ST.	N	D	1			x				X	*All bottles	?
2	5/10/19	0803	LCS- 1747 #2 116 ELSMERE ST.	N	D	1			x				X	are 1 liter	↓
3	5/10/19	0833	LCS- 1752 #1 223 MAPLE ST.	N	D	1			X				X	and preserved	
4	5/10/19	0834	LCS- 1752 #2 223 MAPLE ST.	N	D	1			X				X	to pH < 2	
			LCS- #1 .												
			LCS- #2 .											*All samples	
			LCS- #1 .											are part of	
			LCS- #2 .											Parchment's	
			LCS- #1 .											lead and copper	
			LCS- #2 .											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)			5/10/19	14:49	2)		5/10/19	12:52
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: T19F323 Date: 5-12-19 Package Description: Cooler Temperature: 7.1

Client Name: Kalamazoo Time: 1252 Logged in by: SS

Cooler Receipt

Cooler/samples delivered by: Trace courier ☑ Hand delivered ☐ Name of delivery person: _____

Commercial courier ☐ UPS ☐ FED EX ☐ US Mail ☐

Tracking Number: ☑ Not Applicable

Tracking #: _____

COC Seals present and intact on cooler? ☑ Not Applicable ☐ No ☐ Yes

Custody seals signed by Client? ☑ No ☐ Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? ☐

Multiple bags of ice around samples? ☐

Ice Packs/ Blue Ice : ☐

No Coolant Present: ☐

Ice still present upon receipt (circle one): Yes No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.4°C

•IR Thermometer CF = -0.8°C

Representative Sample Temperature: 7.8 °C (check one below)

☐ Temp Blank (Stick Thermometer)

☑ Client Sample (IR Thermometer)

Melt Water: N/A °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	☑	☐	☐	
Each sample point is in a sealed plastic bag?	☐	☐	☑	
Labels filled out completely?	☑	☐	☐	
All bottle labels agree with Chain of Custody (COC)?	☑	☐	☐	
Sufficient sample to run tests requested?	☑	☐	☐	
*pH checked and samples at correct pH?	☑	☐	☐	
Correct preservative added to samples?	☑	☐	☐	
Air bubbles absent from VOAs?	☐	☐	☑	
COC filled out properly and signed by client?	☑	☐	☐	
COC signed in by TRACE sample custodian?	☑	☐	☐	
Was project manager called and samples discussed?	☐	☐	☑	

Notes:

*EMD pH Test Strips Used:

☑ pH 0-2.5 Lot: HC862115 ☐ pH 11.0-13.0 Lot: HC600691

☐ Other: _____

Form 70-A.28
Effective 3/14/19

TRACE Analytical Laboratories, Inc.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

June 21, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead and Copper Compliance

TRACE ID: 19F0370-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1850 #1 (507 Keyes Dr.)	6/11/19 7:37	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.039 mg/L	1.3	6/20/19 9:45	6/20/19 15:38	rl	EPA 200.8 Rev. 5.4
Lead	**0.017 mg/L**	**0.015**	6/20/19 9:45	6/20/19 15:38	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19F0370-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1850 #2 (507 Keyes Dr.)	6/11/19 7:38	dvd	*6/12/19 11:18*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/20/19 9:45	6/20/19 15:39	rl	EPA 200.8 Rev. 5.4
Lead	**0.054 mg/L**	**0.015**	6/20/19 9:45	6/20/19 15:39	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Trace ID No. 19F0370

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By:	IS
Checked By:	MD
Soil Volatiles Preserved (circle if applicable):	MeOH Low Level Lab
Sampling Time:	

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

* Requires Prior Approval

Matrix Key:

S = Soil / Solid; W = Water; SL = Sludge; OI = Oil; WI = Wipes; LW = Liquid Waste; A = Air; D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	6/11/19	0737	LCS- 1850 #1 507 KEYES DR.	N	D	1			x				X	*All bottles	?
2	6/11/19	0733	LCS- 1850 #2 507 KEYES DR	N	D	1			x				X	are 1 liter	↓
			LCS- #1											and preserved	
			LCS- #2											to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Parchment's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)	[signature]	[signature]	6-12-19	11:18	2) [signature]	[signature]	6/13/19	11:19
3)					4)			

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

☐ Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 19F0370 Date: 6/13/19 Package Description: Cooler Temperature: 3.7
Client Name: Kalamazoo, City of Time: 11:15 Logged in by: JS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: James Peterman
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes
Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]
Ice still present upon receipt (circle one):
Yes (No) N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C
Representative Sample Temperature: 3.7 °C (check one below)
[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)
Melt Water: 4.0 °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?		X		
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?		X		

Notes:

*EMD pH Test Strips Used:
[X] pH 0-2.5 Lot: HC862115 [ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

July 09, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead and Copper Compliance

TRACE ID: 19F0689-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1879 #1 (409 Parchmount)	6/20/19 7:04	dvd	*6/21/19 12:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	6/24/19 11:38	6/25/19 12:25	rl	EPA 200.8 Rev. 5.4
Lead	0.011 mg/L	0.015	6/24/19 11:38	6/25/19 12:25	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19F0689-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1879 #2 (409 Parchmount)	6/20/19 7:05	dvd	*6/21/19 12:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	6/24/19 11:38	6/25/19 12:26	rl	EPA 200.8 Rev. 5.4
Lead	**0.030 mg/L**	**0.015**	6/24/19 11:38	6/25/19 12:26	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19F0689-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1878 #1 (317 Parchmount)	6/21/19 8:03	dvd	*6/21/19 12:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.31 mg/L	1.3	6/25/19 9:02	7/8/19 16:52	rl	EPA 200.8 Rev. 5.4
Lead	**0.027 mg/L**	**0.015**	6/25/19 9:02	7/8/19 16:52	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

July 09, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead and Copper Compliance

TRACE ID: 19F0689-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1878 #2 (317 Parchmount)	6/21/19 8:03	dvd	*6/21/19 12:36*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.027 mg/L	1.3	6/25/19 9:02	7/8/19 16:54	rl	EPA 200.8 Rev. 5.4
Lead	**0.040 mg/L**	**0.015**	6/25/19 9:02	7/8/19 16:54	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

TRACE
ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

CHAIN-OF-CUSTODY RECORD

TRACE ANALYTICAL LABORATORIES, INC.
Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673
Phone 231.773.5998
Fax 888.979.4469
www.trace-labs.com

Page 1 of 1

Trace ID No. 19F0689

Report Results To:

Company Name:	City of Kalamazoo
Report To:	Shannan Deater
Mailing Address:	1415 N Harrison Street
City, State, Zip Code:	Kalamazoo, MI 49007
Office Phone:	Cell Phone: (269) 337-4753
Email Address:	deaters@kalamazoocity.org

Bill To:

PO #:	
Contact Name:	
Billing Address (if different):	
City, State, Zip Code:	
Phone Number:	
Billing Email Address:	

Trace Use:

Logged By: TS
Checked By:
Soil Volatiles Preserved (circle if applicable): MeOH Low Level Lab
Sampling Time:

Turnaround Requirements:

- [x] Standard
- [ ] 4 Day*
- [ ] 3 Day*
- [ ] 48 Hour*
- [ ] 24 Hour*

*Requires Prior Approval

Matrix Key:

S = Soil / Solid, W = Water, SL = Sludge, OI = Oil, WI = Wipes, LW = Liquid Waste, A = Air, D = Drinking Water

Project Name: (use addresses in client sample ID)

Sampled By: DVD

Trace No.	Date Collected	Time Collected	Client Sample ID	Metals Field Filtered (Y / N)	Matrix	Number of Containers	Preservation: Cool	HCl	HNO_3	H_2SO_4	NaOH	Other	Analysis Requested: Lead and copper	Remarks	Possible Health Hazards?
1	6/20/19	0704	LCS-1879 #1 409 Parchmount	N	D	1			x				X	*All bottles	?
2	6/20/19	0705	LCS-1879 #2 409 Parchmount	N	D	1			x				X	are 1 liter	↓
3	6/21/19	0803	LCS-1878 #1 317 Parchmount	N	D	1			x				X	and preserved	
4	6/21/19	0804	LCS-1878 #2 317 Parchmount	N	D	1			x				X	to pH < 2	
			LCS- #1												
			LCS- #2											*All samples	
			LCS- #1											are part of	
			LCS- #2											Parchment's	
			LCS- #1											lead and copper	
			LCS- #2											compliance	

Please Sign	Released By	Received By	Date	Time	Released By	Received By	Date	Time
1)								
2)	[signature]	[signature]	6-21-19	12:36	2) [signature]	[signature]	6/24/19	9:30
3)								
4)								

In executing this Chain of Custody, the client acknowledges the terms as set forth at www.trace-labs.com/terms-of-agreement.

- [ ] Check this box if you would not like your samples analyzed if received outside of the conditions outlined in the Trace Sample Acceptance Policy at www.trace-labs.com/downloads.

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE LOG IN CHECKLIST

Trace ID #: 1CF606589 Date: 6/24/19 Package Description: Cooler Temperature: 0.6

Client Name: Kalamazoo Time: 9:20 Logged in by: SS

Cooler Receipt

Cooler/samples delivered by: Trace courier [X]
Hand delivered [ ] Name of delivery person: _____
Commercial courier [ ] UPS [ ] FED EX [ ] US Mail [ ]

Tracking Number: [X] Not Applicable
Tracking #: _____

COC Seals present and intact on cooler? [X] Not Applicable [ ] No [ ] Yes

Custody seals signed by Client? [ ] No [ ] Yes Client custody seal # (if applicable): _____

Coolant and Temperature

Type of Coolant Used

Slurry w/ crushed, cubed, or chip ice? [X]
Multiple bags of ice around samples? [ ]
Ice Packs/ Blue Ice : [ ]
No Coolant Present: [ ]

Ice still present upon receipt (circle one):
(Yes) No N/A

Cooler Temperature

Correction Factors: •Digital Stick Thermometer CF = -0.5°C
•IR Thermometer CF = -0.6°C

Representative Sample Temperature: 2.4 °C (check one below)

[ ] Temp Blank (Stick Thermometer)
[X] Client Sample (IR Thermometer)

Melt Water: 0.8 °C (Use Digital Stick Thermometer)

General

	Yes	No	NA	Comments
All bottles arrived unbroken with labels in good condition?	X			
Each sample point is in a sealed plastic bag?			X	
Labels filled out completely?	X			
All bottle labels agree with Chain of Custody (COC)?	X			
Sufficient sample to run tests requested?	X			
*pH checked and samples at correct pH?	X			
Correct chemical preservative added to samples?	X			
Air bubbles absent from VOAs?			X	
COC filled out properly and signed by client?	X			
COC signed in by TRACE sample custodian?	X			
Was project manager called and samples discussed?			X	

Notes:

*EMD pH Test Strips Used:

[ ] pH 0-2.5 Lot: HC862115
[ ] pH 11.0-13.0 Lot: HC600691
[ ] Other: _____

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

August 06, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead and Copper Compliance

TRACE ID: 19G0873-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1961 #1 118 Parchmount Ave	7/29/19 6:52	dvd	*7/30/19 10:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.057 mg/L	1.3	8/2/19 14:32	8/5/19 15:59	rl	EPA 200.8 Rev. 5.4
Lead	0.0067 mg/L	0.015	8/2/19 14:32	8/5/19 15:59	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19G0873-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1961 #2 118 Parchmount Ave	7/29/19 6:53	dvd	*7/30/19 10:13*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.039 mg/L	1.3	8/2/19 14:32	8/5/19 16:00	rl	EPA 200.8 Rev. 5.4
Lead	**0.015 mg/L**	**0.015**	8/2/19 14:32	8/5/19 16:00	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

August 12, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead & Copper- 355 Parchmount Av.

TRACE ID: 19H0099-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1975 #1 (355 Parchmount Ave.)	8/2/19 6:47	dvd	*8/2/19 12:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	**1.3 mg/L**	**1.3**	8/7/19 15:22	8/9/19 12:59	rl	**EPA 200.8 Rev. 5.4**
Lead	0.011 mg/L	0.015	8/7/19 15:22	8/9/19 12:59	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19H0099-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1975 #2 (355 Parchmount Ave.)	8/2/19 6:48	dvd	*8/2/19 12:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.64 mg/L	1.3	8/7/19 15:22	8/9/19 13:00	rl	EPA 200.8 Rev. 5.4
Lead	**0.021 mg/L**	**0.015**	8/7/19 15:22	8/9/19 13:00	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

August 12, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchments Lead & Copper Compliance

TRACE ID: 19H0182-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1977 #1 (403 Parchmount Ave.)	8/2/19 18:37	dvd	*8/6/19 12:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.057 mg/L	1.3	8/7/19 15:22	8/9/19 13:02	rl	EPA 200.8 Rev. 5.4
Lead	**0.026 mg/L**	**0.015**	8/7/19 15:22	8/9/19 13:02	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19H0182-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1977 #2 (403 Parchmount Ave.)	8/2/19 18:38	dvd	*8/6/19 12:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.042 mg/L	1.3	8/7/19 15:22	8/9/19 13:03	rl	EPA 200.8 Rev. 5.4
Lead	**0.073 mg/L**	**0.015**	8/7/19 15:22	8/9/19 13:03	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19H0182-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1980 #1 (336 Parchmount Ave.)	8/6/19 6:29	dvd	*8/6/19 12:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	1.1 mg/L	1.3	8/7/19 15:22	8/9/19 13:04	rl	EPA 200.8 Rev. 5.4
Lead	0.0011 mg/L	0.015	8/7/19 15:22	8/9/19 13:04	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

August 12, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchments Lead & Copper Compliance

TRACE ID: 19H0182-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1980 #2 (336 Parchmount Ave.)	8/6/19 6:30	dvd	*8/6/19 12:47*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.094 mg/L	1.3	8/7/19 15:22	8/9/19 13:06	rl	EPA 200.8 Rev. 5.4
Lead	0.0080 mg/L	0.015	8/7/19 15:22	8/9/19 13:06	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

August 30, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchments Lead & Copper Compliance

TRACE ID: 19H0930-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1999 #1 (310 Glendale Blvd.)	8/26/19 6:00	dvd	*8/28/19 9:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.027 mg/L	1.3	8/29/19 9:15	8/29/19 12:49	rl	EPA 200.8 Rev. 5.4
Lead	**0.23 mg/L**	**0.015**	8/29/19 9:15	8/29/19 12:49	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19H0930-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1999 #2 (310 Glendale Blvd.)	8/26/19 6:01	dvd	*8/28/19 9:55*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	8/29/19 9:15	8/29/19 12:50	rl	EPA 200.8 Rev. 5.4
Lead	0.0079 mg/L	0.015	8/29/19 9:15	8/29/19 12:50	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 02, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19H0787-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1672.2 #1 (408 Glendale Blvd.)	8/23/19 8:35	dvd	*8/23/19 10:10*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.82 mg/L	1.3	8/27/19 11:44	8/27/19 19:22	rl	EPA 200.8 Rev. 5.4
Lead	0.0042 mg/L	0.015	8/27/19 11:44	8/27/19 19:22	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19H0787-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1672.2 #2 (408 Glendale Blvd.)	8/23/19 8:36	dvd	*8/23/19 10:10*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.099 mg/L	1.3	8/27/19 11:44	8/27/19 19:23	rl	EPA 200.8 Rev. 5.4
Lead	0.0064 mg/L	0.015	8/27/19 11:44	8/27/19 19:23	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 12, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0191-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1671.2 #1 (415 Keyes Dr.)	9/5/19 6:46	dvd	*9/6/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.12 mg/L	1.3	9/11/19 10:20	9/11/19 16:24	rl	EPA 200.8 Rev. 5.4
Lead	0.0095 mg/L	0.015	9/11/19 10:20	9/11/19 16:24	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0191-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1671.2 #2 (415 Keyes Dr.)	9/5/19 6:47	dvd	*9/6/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/11/19 10:20	9/11/19 16:26	rl	EPA 200.8 Rev. 5.4
Lead	**0.022 mg/L**	**0.015**	9/11/19 10:20	9/11/19 16:26	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0191-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2012 #1 (212 E. Glenguile Ave.)	9/6/19 6:38	dvd	*9/6/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.24 mg/L	1.3	9/11/19 10:20	9/11/19 16:27	rl	EPA 200.8 Rev. 5.4
Lead	0.0051 mg/L	0.015	9/11/19 10:20	9/11/19 16:27	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 12, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0191-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 2012 #2 (212 E. Glenguile Ave.)	9/6/19 6:39	dvd	*9/6/19 11:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.029 mg/L	1.3	9/11/19 10:20	9/11/19 16:29	rl	EPA 200.8 Rev. 5.4
Lead	**0.020 mg/L**	**0.015**	9/11/19 10:20	9/11/19 16:29	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 17, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchments Lead & Copper Compliance

TRACE ID: 19I0300-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1678.2 #1 (294 Glendale Ave.)	9/10/19 8:01	dvd	*9/11/19 12:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.15 mg/L	1.3	9/12/19 15:58	9/16/19 15:54	rl	EPA 200.8 Rev. 5.4
Lead	0.010 mg/L	0.015	9/12/19 15:58	9/16/19 15:04	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0300-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1678.2 #2 (294 Glendale Ave.)	9/10/19 8:01	dvd	*9/11/19 12:35*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.042 mg/L	1.3	9/12/19 15:58	9/16/19 15:05	rl	EPA 200.8 Rev. 5.4
Lead	**0.023 mg/L**	**0.015**	9/12/19 15:58	9/16/19 15:05	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 24, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead and Copper Compliance

TRACE ID: 19I0425-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1687.2 #1 (302 Parchmount Ave.)	9/13/19 6:00	dvd	*9/13/19 12:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/20/19 13:29	9/23/19 19:09	rl	EPA 200.8 Rev. 5.4
Lead	**0.025 mg/L**	**0.015**	9/20/19 13:29	9/23/19 19:09	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0425-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1687.2 #2 (302 Parchmount Ave.)	9/13/19 6:01	dvd	*9/13/19 12:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/20/19 13:29	9/23/19 19:10	rl	EPA 200.8 Rev. 5.4
Lead	**0.046 mg/L**	**0.015**	9/20/19 13:29	9/23/19 19:10	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 24, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Free Service

TRACE ID: 19I0472-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1675.2 #1 (339 E. Oak Grove Ave.)	9/16/19 7:00	dvd	*9/17/19 11:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.075 mg/L	1.3	9/20/19 13:29	9/23/19 19:11	rl	EPA 200.8 Rev. 5.4
Lead	0.0037 mg/L	0.015	9/20/19 13:29	9/23/19 19:11	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0472-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1675.2 #2 (339 E. Oak Grove Ave.)	9/16/19 7:01	dvd	*9/17/19 11:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.081 mg/L	1.3	9/20/19 13:29	9/23/19 19:13	rl	EPA 200.8 Rev. 5.4
Lead	**0.019 mg/L**	**0.015**	9/20/19 13:29	9/23/19 19:13	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0472-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1683.2 #1 (432 N. Riverview Dr.)	9/17/19 6:02	dvd	*9/17/19 11:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.036 mg/L	1.3	9/20/19 13:29	9/23/19 19:14	rl	EPA 200.8 Rev. 5.4
Lead	0.011 mg/L	0.015	9/20/19 13:29	9/23/19 19:14	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 24, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Lead and Copper Free Service

TRACE ID: 19I0472-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1683.2 #2 (432 N. Riverview Dr.)	9/17/19 6:03	dvd	*9/17/19 11:30*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/20/19 13:29	9/23/19 19:18	rl	EPA 200.8 Rev. 5.4
Lead	**0.058 mg/L**	**0.015**	9/20/19 13:29	9/23/19 19:18	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 27, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0640-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1704.2 #1 (335 E. Oak Grove Ave.)	9/18/19 7:32	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/26/19 10:41	9/26/19 11:56	rl	EPA 200.8 Rev. 5.4
Lead	0.0061 mg/L	0.015	9/26/19 10:41	9/26/19 11:56	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0640-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1704.2 #2 (335 E. Oak Grove Ave.)	9/18/19 7:33	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	9/26/19 10:41	9/26/19 11:57	rl	EPA 200.8 Rev. 5.4
Lead	**0.050 mg/L**	**0.015**	9/26/19 10:41	9/26/19 11:57	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0640-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1711.2 #1 (337 Glendale Blvd.)	9/18/19 7:01	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/26/19 10:41	9/26/19 11:59	rl	EPA 200.8 Rev. 5.4
Lead	**0.018 mg/L**	**0.015**	9/26/19 10:41	9/26/19 11:59	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 27, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0640-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1711.2 #2 (337 Glendale Blvd.)	9/18/19 7:02	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/26/19 10:41	9/26/19 12:00	rl	EPA 200.8 Rev. 5.4
Lead	**0.089 mg/L**	**0.015**	9/26/19 10:41	9/26/19 12:00	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0640-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1885.2 #1 (230 Glendale Blvd.)	9/18/19 7:44	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.14 mg/L	1.3	9/26/19 10:41	9/26/19 12:01	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/26/19 10:41	9/26/19 12:01	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0640-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1885.2 #2 (230 Glendale Blvd.)	9/18/19 7:55	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/26/19 10:41	9/26/19 12:03	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/26/19 10:41	9/26/19 12:03	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 27, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0640-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1706.2 #1 (323 E. Grove Ave.)	9/19/19 7:03	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.033 mg/L	1.3	9/26/19 10:41	9/26/19 12:04	rl	EPA 200.8 Rev. 5.4
Lead	**0.039 mg/L**	**0.015**	9/26/19 10:41	9/26/19 12:04	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0640-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1706.2 #2 (323 E. Grove Ave.)	9/19/19 7:04	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/26/19 10:41	9/26/19 12:05	rl	EPA 200.8 Rev. 5.4
Lead	**0.017 mg/L**	**0.015**	9/26/19 10:41	9/26/19 12:05	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0640-09

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1850.2 #1 (507 Keyes Dr.)	9/19/19 7:31	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.074 mg/L	1.3	9/26/19 10:41	9/26/19 12:09	rl	EPA 200.8 Rev. 5.4
Lead	**0.016 mg/L**	**0.015**	9/26/19 10:41	9/26/19 12:09	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 27, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0640-10

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1850.2 #2 (507 Keyes Dr.)	9/19/19 7:32	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/26/19 10:41	9/26/19 12:10	rl	EPA 200.8 Rev. 5.4
Lead	**0.088 mg/L**	**0.015**	9/26/19 10:41	9/26/19 12:10	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0640-11

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1707.2 #1 (122 Elsmere St.)	9/20/19 9:11	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.55 mg/L	1.3	9/26/19 10:41	9/26/19 12:12	rl	EPA 200.8 Rev. 5.4
Lead	**0.031 mg/L**	**0.015**	9/26/19 10:41	9/26/19 12:12	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0640-12

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1707.2 #2 (122 Elsmere St.)	9/20/19 9:12	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.087 mg/L	1.3	9/26/19 10:41	9/26/19 12:13	rl	EPA 200.8 Rev. 5.4
Lead	0.0094 mg/L	0.015	9/26/19 10:41	9/26/19 12:13	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 27, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0640-13

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1747.2 #1 (116 Elsmere St.)	9/20/19 9:17	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.24 mg/L	1.3	9/26/19 10:41	9/26/19 12:14	rl	EPA 200.8 Rev. 5.4
Lead	0.0085 mg/L	0.015	9/26/19 10:41	9/26/19 12:14	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0640-14

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1747.2 #2 (116 Elsmere St.)	9/20/19 9:18	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.046 mg/L	1.3	9/26/19 10:41	9/26/19 12:16	rl	EPA 200.8 Rev. 5.4
Lead	0.010 mg/L	0.015	9/26/19 10:41	9/26/19 12:16	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0640-15

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1898.2 #1 (316 N. Riverview Dr.)	9/20/19 8:04	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.90 mg/L	1.3	9/26/19 10:41	9/26/19 12:17	rl	EPA 200.8 Rev. 5.4
Lead	**0.023 mg/L**	**0.015**	9/26/19 10:41	9/26/19 12:17	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

September 27, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0640-16

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1898.2 #2 (316 N. Riverview Dr.)	9/20/19 8:05	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.091 mg/L	1.3	9/26/19 10:41	9/26/19 12:18	rl	EPA 200.8 Rev. 5.4
Lead	**0.11 mg/L**	**0.015**	9/26/19 10:41	9/26/19 12:18	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 01, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Kalamazoo Lead & Copper Compliance

TRACE ID: 19I0651-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1684.2 #1 (260 Parchmount Ave.)	9/19/19 0:00	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.16 mg/L	1.3	9/27/19 14:51	9/30/19 16:35	rl	EPA 200.8 Rev. 5.4
Lead	**0.015 mg/L**	**0.015**	9/27/19 14:51	9/30/19 16:35	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0651-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1684.2 #2 (260 Parchmount Ave.)	9/19/19 0:00	dvd	*9/20/19 10:56*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.030 mg/L	1.3	9/27/19 14:51	9/30/19 16:36	rl	EPA 200.8 Rev. 5.4
Lead	**0.041 mg/L**	**0.015**	9/27/19 14:51	9/30/19 16:36	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 01, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0765-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1715.2 #1 (504 Groveland Ave.)	9/23/19 8:10	dvd	*9/25/19 11:42*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.073 mg/L	1.3	9/27/19 15:15	9/30/19 18:57	rl	EPA 200.8 Rev. 5.4
Lead	0.0011 mg/L	0.015	9/27/19 15:15	9/30/19 18:57	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0765-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1715.2 #2 (504 Groveland Ave.)	9/23/19 8:11	dvd	*9/25/19 11:42*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.11 mg/L	1.3	9/27/19 15:15	9/30/19 18:58	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/27/19 15:15	9/30/19 18:58	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0765-03

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1726.2 #1 (215 E. Oak Grove Ave.)	9/23/19 5:45	dvd	*9/25/19 11:42*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.032 mg/L	1.3	9/27/19 15:15	9/30/19 19:00	rl	EPA 200.8 Rev. 5.4
Lead	0.0015 mg/L	0.015	9/27/19 15:15	9/30/19 19:00	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 01, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0765-04

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1726.2 #2 (215 E. Oak Grove Ave.)	9/23/19 5:46	dvd	*9/25/19 11:42*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	9/27/19 15:15	9/30/19 19:01	rl	EPA 200.8 Rev. 5.4
Lead	0.0016 mg/L	0.015	9/27/19 15:15	9/30/19 19:01	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0765-05

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1709.2 #1 (286 Glendale Blvd.)	9/25/19 9:01	dvd	*9/25/19 11:42*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.037 mg/L	1.3	9/27/19 15:15	9/30/19 19:02	rl	EPA 200.8 Rev. 5.4
Lead	**0.11 mg/L**	**0.015**	9/27/19 15:15	9/30/19 19:02	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0765-06

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1709.2 #2 (286 Glendale Blvd.)	9/25/19 9:02	dvd	*9/25/19 11:42*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.059 mg/L	1.3	9/27/19 15:15	9/30/19 19:04	rl	EPA 200.8 Rev. 5.4
Lead	**0.083 mg/L**	**0.015**	9/27/19 15:15	9/30/19 19:04	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 01, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0765-07

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1710.2 #1 (350 Glendale Blvd.)	9/25/19 9:12	dvd	*9/25/19 11:42*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.25 mg/L	1.3	9/27/19 15:15	9/30/19 19:05	rl	EPA 200.8 Rev. 5.4
Lead	**0.050 mg/L**	**0.015**	9/27/19 15:15	9/30/19 19:05	rl	**EPA 200.8 Rev. 5.4**

TRACE ID: 19I0765-08

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1710.2 #2 (350 Glendale Blvd.)	9/25/19 9:13	dvd	*9/25/19 11:42*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.028 mg/L	1.3	9/27/19 15:15	9/30/19 19:06	rl	EPA 200.8 Rev. 5.4
Lead	**0.079 mg/L**	**0.015**	9/27/19 15:15	9/30/19 19:06	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

December 02, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead & Copper Compliance

TRACE ID: 19I0873-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1783.2 #1 (303 Glendale Blvd.)	9/26/19 9:00	dvd	*9/27/19 10:01*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.33 mg/L	1.3	9/30/19 15:22	10/3/19 18:03	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/30/19 15:22	10/3/19 18:03	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19I0873-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS - 1783.2 #2 (303 Glendale Blvd.)	9/26/19 9:01	dvd	*9/27/19 10:01*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.44 mg/L	1.3	9/30/19 15:22	10/3/19 18:04	rl	EPA 200.8 Rev. 5.4
Lead	<0.0010 mg/L	0.015	9/30/19 15:22	10/3/19 18:04	rl	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 10, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead and Copper Compliance

TRACE ID: 19J0130-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1682.2 #1 220 Sanford St.	10/1/19 6:07	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.046 mg/L	1.3	10/3/19 14:09	10/3/19 19:45	rl	EPA 200.8 Rev. 5.4
Lead	0.0090 mg/L	0.015	10/3/19 14:09	10/3/19 19:45	rl	EPA 200.8 Rev. 5.4

TRACE ID: 19J0130-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1682.2 #2 220 Sanford St.	10/1/19 6:08	dvd	*10/2/19 13:28*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.030 mg/L	1.3	10/4/19 12:20	10/9/19 16:19	rl	EPA 200.8 Rev. 5.4
Lead	**0.074 mg/L**	**0.015**	10/4/19 12:20	10/9/19 16:19	rl	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 22, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead and Copper Compliance

TRACE ID: 19J0602-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1705.2 #1 115 E. GLENGUILE AVE.	10/15/19 8:59	dvd	*10/15/19 13:50*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.89 mg/L	1.3	10/17/19 12:38	10/22/19 9:57	klv	EPA 200.8 Rev. 5.4
Lead	0.0019 mg/L	0.015	10/17/19 12:38	10/22/19 9:57	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0602-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1705.2 #2 115 E. GLENGUILE AVE.	10/15/19 9:00	dvd	*10/15/19 13:50*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.44 mg/L	1.3	10/17/19 12:38	10/22/19 9:59	klv	EPA 200.8 Rev. 5.4
Lead	0.0071 mg/L	0.015	10/17/19 12:38	10/22/19 9:59	klv	EPA 200.8 Rev. 5.4

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

October 31, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchments Lead and Copper Compliance

TRACE ID: 19J0893-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1674.2 #1 139 Parchmount Ave	10/19/19 8:00	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/25/19 12:41	10/30/19 16:49	klv	EPA 200.8 Rev. 5.4
Lead	0.0098 mg/L	0.015	10/25/19 12:41	10/30/19 16:49	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19J0893-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1674.2 #2 139 Parchmount Ave	10/19/19 8:01	dvd	*10/23/19 11:45*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	<0.025 mg/L	1.3	10/25/19 12:41	10/30/19 16:53	klv	EPA 200.8 Rev. 5.4
Lead	**0.054 mg/L**	**0.015**	10/25/19 12:41	10/30/19 16:53	klv	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

TRACE ANALYTICAL LABORATORIES, INC.

231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

State of Michigan Laboratory ID: 8001

November 08, 2019

Ms. Shannan Deater
Kalamazoo, City of
1415 N. Harrison St.
Kalamazoo, MI 49007

PROJECT: Parchment Lead and Copper Compliance

TRACE ID: 19K0021-01

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1700.2 #1 416 Parchmount Ave	10/31/19 6:32	Client	*11/1/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.20 mg/L	1.3	11/4/19 16:48	11/7/19 11:02	klv	EPA 200.8 Rev. 5.4
Lead	0.0020 mg/L	0.015	11/4/19 16:48	11/6/19 17:07	klv	EPA 200.8 Rev. 5.4

TRACE ID: 19K0021-02

Sample Point Description	*Collected*	*Collected By*	*Received at Laboratory*
LCS-1700.2 #2 416 Parchmount Ave	10/31/19 6:33	Client	*11/1/19 13:00*

Metals, Total	RESULT	* MCL	PREPARED	ANALYZED	BY	METHOD
Copper	0.028 mg/L	1.3	11/4/19 16:48	11/6/19 17:09	klv	EPA 200.8 Rev. 5.4
Lead	**0.024 mg/L**	**0.015**	11/4/19 16:48	11/6/19 17:09	klv	**EPA 200.8 Rev. 5.4**

*** The MCL (Maximum Contamination Limit) is the maximum concentration allowed under the Federal Safe Drinking Water Act. Results that are reported in bold or red have equaled or exceeded the MCL.**

TNTC = To Numerous to Count

Jon Mink
Senior Project Manager

AquaTest
LABORATORIES, INC.
COMPLETE WATER TESTING SERVICES
CERTIFIED WELL & SEPTIC INSPECTORS

TO: Lakeview Chalet
RE: 8365 Pontiac Lake Rd
WSSN: 5445
COUNTY: Oakland

DATE: July 3, 2019
SAMPLE NO: 36114
COLLECTED BY: Residents
RECEIVED: Acceptable

ANALYTICAL REPORT

PARAMETER	Result (ppb)	Date/Time Sampled		Sample Address Sample Point	Date/Time Analyzed		Analyst	EPA's MCL / AL (ppb)	Reporting Limit (ppb)	Testing Method
1. Copper	Not Detected	6/27/19	7:10 AM	Unit 8 Kit	7/2/19	12:36 PM	VC	1300	5 ppb	SM 3113B
1. Lead	Not Detected	6/27/19	7:10 AM	Sink	7/2/19	8:38 AM	VC	15	1.0 ppb	SM 3113B
2. Copper	Not Detected	6/27/19	7:10 AM	Unit 13 Kit	7/2/19	12:36 PM	VC	1300	5 ppb	SM 3113B
2. Lead	Not Detected	6/27/19	7:10 AM	Sink	7/2/19	8:38 AM	VC	15	1.0 ppb	SM 3113B
3. Copper	Not Detected	6/27/19	7:00 AM	Unit 22 Kit	7/2/19	12:36 PM	VC	1300	5 ppb	SM 3113B
3. Lead	1.2	6/27/19	7:00 AM	Sink	7/2/19	8:38 AM	VC	15	1.0 ppb	SM 3113B
4. Copper	Not Detected	6/27/19	7:15 AM	Unit 7 Kit	7/2/19	12:36 PM	VC	1300	5 ppb	SM 3113B
4. Lead	Not Detected	6/27/19	7:15 AM	Sink	7/2/19	8:38 AM	VC	15	1.0 ppb	SM 3113B
5. Copper	14	6/27/19	7:00 AM	Unit 10 Kit	7/2/19	12:36 PM	VC	1300	5 ppb	SM 3113B
5. Lead	Not Detected	6/27/19	7:00 AM	Sink	7/2/19	8:38 AM	VC	15	1.0 ppb	SM 3113B



AquaTest Laboratories, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed. Reproduction of this analytical report is permitted only in its entirety.

EPA LABORATORY #MI 01189 MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY LABORATORY #9975
9165 HIGHLAND ROAD, WHITE LAKE, MI 248-698-9500 info@aquatestlabs.com

AquaTest
LABORATORIES, INC.
COMPLETE WATER TESTING SERVICES
CERTIFIED WELL & SEPTIC INSPECTORS

UNDERSTANDING YOUR REPORT

Terms	Explanation
Parameter	The contaminate we tested for in your sample.
Result	The actual findings of your test.
Not Detected	The contaminate was not found above the reporting limit.
Positive	In an absence/presence test the contaminate was found.
cfu	Colony forming unit is an estimate of viable bacterial or fungal numbers.
ppm	Parts per million denotes one part per 1,000,000 parts; This is equivalent to one drop of water diluted into 50 liters
ppb	Parts per billion denotes one part per 1,000,000,000 parts; This is equivalent to one drop of water diluted into 250 chemical drums.
pCi/L	Picocuries per Liter is a measure of the radioactivity in water.
Date/Time Sampled	The date and time the water was collected.
Sample Location	This tells you where the sample was collected.
Date/Time Analyzed	The date and time the water was tested.
Holding Time	The time between sample collection and testing; for compliance must not exceed 30 hours for Total Coliform, 48 hours for Nitrates/Nitrites.
Analyst	The initials of the location or of who tested your water.
EPA	Environmental Protection Agency is a government agency whose purpose is to protect human health and the environment.
MCL	Maximum Contaminate Level is highest amount of a contaminate allowed for safe drinking water set by the EPA.
AL	Action Level - EPA level If exceeded triggers treatment or other requirements.
NSDWS	National Secondary Drinking Water Standard is an unenforceable recommended limit of a contaminate set by the EPA.
Reporting Limit	The reporting limit is a quality control measure. A parameter would need to be above this level to register a reliable result.
Testing Method	The testing method is the procedure we used to test your sample.

More information on drinking water and the Environmental Protection Agency can be found at: http://water.epa.gov/drink/

AquaTest Laboratories, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed. Reproduction of this analytical report is permitted only in its entirety.

EPA LABORATORY #MI 01189 MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY LABORATORY #9975
9165 HIGHLAND ROAD, WHITE LAKE, MI 248-698-9500 info@aquatestlabs.com

AquaTest
LABORATORIES, INC.
COMPLETE WATER TESTING SERVICES
CERTIFIED WELL & SEPTIC INSPECTORS

TO: Lakeview Chalet
RE: 8365 Pontiac Lake Rd
WSSN: 5445
COUNTY: Oakland

DATE: December 17, 2019
SAMPLE NO: 39573
COLLECTED BY: Residents
RECEIVED: Acceptable

ANALYTICAL REPORT

PARAMETER	Result (ppb)	Date/Time Sampled	Sample Address Sample Point	Date/Time Analyzed	Analyst	EPA's MCL / AL (ppb)	Reporting Limit (ppb)	Testing Method
1. Copper	103	12/12/19 7:50 AM	Unit 5 Kitchen	12/16/19 2:53 PM	VC	1300	5 ppb	SM 3113B
1. Lead	Not Detected	12/12/19 7:50 AM	Sink	12/13/19 8:28 AM	VC	15	1.0 ppb	SM 3113B
2. Copper	12	12/12/19 8:00 AM	Unit 8 Kitchen	12/16/19 2:53 PM	VC	1300	5 ppb	SM 3113B
2. Lead	Not Detected	12/12/19 8:00 AM	Sink	12/13/19 8:28 AM	VC	15	1.0 ppb	SM 3113B
3. Copper	38	12/12/19 7:15 AM	Unit 10 Kitchen	12/16/19 2:53 PM	VC	1300	5 ppb	SM 3113B
3. Lead	Not Detected	12/12/19 7:15 AM	Sink	12/13/19 8:28 AM	VC	15	1.0 ppb	SM 3113B
4. Copper	Not Detected	12/12/19 8:15 AM	Unit15 Kitchen	12/16/19 2:53 PM	VC	1300	5 ppb	SM 3113B
4. Lead	Not Detected	12/12/19 8:15 AM	Sink	12/13/19 8:28 AM	VC	15	1.0 ppb	SM 3113B
5. Copper	Not Detected	12/12/19 7:30 AM	Unit 22 Kitchen	12/16/19 2:53 PM	VC	1300	5 ppb	SM 3113B
5. Lead	**114**	12/12/19 7:30 AM	Sink	12/13/19 8:28 AM	VC	15	1.0 ppb	SM 3113B

AquaTest Laboratories, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed. Reproduction of this analytical report is permitted only in its entirety.

EPA LABORATORY #MI 01189 MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY LABORATORY #9975
9165 HIGHLAND ROAD, WHITE LAKE, MI 248-698-9500 info@aquatestlabs.com

AquaTest
LABORATORIES, INC.
COMPLETE WATER TESTING SERVICES
CERTIFIED WELL & SEPTIC INSPECTORS

UNDERSTANDING YOUR REPORT

Terms	Explanation
Parameter	The contaminate we tested for in your sample.
Result	The actual findings of your test.
Not Detected	The contaminate was not found above the reporting limit.
Positive	In an absence/presence test the contaminate was found.
cfu	Colony forming unit is an estimate of viable bacterial or fungal numbers.
ppm	Parts per million denotes one part per 1,000,000 parts; This is equivalent to one drop of water diluted into 50 liters
ppb	Parts per billion denotes one part per 1,000,000,000 parts; This is equivalent to one drop of water diluted into 250 chemical drums.
pCi/L	Picocuries per Liter is a measure of the radioactivity in water.
Date/Time Sampled	The date and time the water was collected.
Sample Location	This tells you where the sample was collected.
Date/Time Analyzed	The date and time the water was tested.
Holding Time	The time between sample collection and testing; for compliance must not exceed 30 hours for Total Coliform, 48 hours for Nitrates/Nitrites.
Analyst	The initials of the location or of who tested your water.
EPA	Environmental Protection Agency is a government agency whose purpose is to protect human health and the environment.
MCL	Maximum Contaminate Level is highest amount of a contaminate allowed for safe drinking water set by the EPA.
AL	Action Level - EPA level If exceeded triggers treatment or other requirements.
NSDWS	National Secondary Drinking Water Standard is an unenforceable recommended limit of a contaminate set by the EPA.
Reporting Limit	The reporting limit is a quality control measure. A parameter would need to be above this level to register a reliable result.
Testing Method	The testing method is the procedure we used to test your sample.

More information on drinking water and the Environmental Protection Agency can be found at: http://water.epa.gov/drink/

AquaTest Laboratories, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed. Reproduction of this analytical report is permitted only in its entirety.

EPA LABORATORY #MI 01189 MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY LABORATORY #9975
9165 HIGHLAND ROAD, WHITE LAKE, MI 248-698-9500 info@aquatestlabs.com

AquaTest

LABORATORIES, INC.

COMPLETE WATER TESTING SERVICES
CERTIFIED WELL & SEPTIC INSPECTORS

TO: Lakeview Chalet
RE: 8365 Pontiac Lake Rd
WSSN: 5445
COUNTY: Oakland

DATE: December 26, 2019
SAMPLE NO: 39855
COLLECTED BY: Curt Geisler
RECEIVED: Acceptable

ANALYTICAL REPORT

PARAMETER	Result (ppb)	Date/Time Sampled		Sample Address Sample Point	Date/Time Analyzed		Analyst	EPA's MCL / AL (ppb)	Reporting Limit (ppb)	Testing Method
1. Copper	Not Detected	12/19/19	7:30 AM	Unit 22 Kit	12/20/19	9:15 AM	VC	1300	5 ppb	SM 3113B
1. Lead	Not Detected	12/19/19	7:30 AM	Sink*	12/20/19	9:15 AM	VC	15	1.0 ppb	SM 3113B

*Replaced fixture resampled

AquaTest Laboratories, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed. Reproduction of this analytical report is permitted only in its entirety.

EPA LABORATORY #MI 01189 MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY LABORATORY #9975
9165 HIGHLAND ROAD, WHITE LAKE, MI 248-698-9500 info@aquatestlabs.com

AquaTest
LABORATORIES, INC.
COMPLETE WATER TESTING SERVICES
CERTIFIED WELL & SEPTIC INSPECTORS

UNDERSTANDING YOUR REPORT

Terms	Explanation
Parameter	The contaminate we tested for in your sample.
Result	The actual findings of your test.
Not Detected	The contaminate was not found above the reporting limit.
Positive	In an absence/presence test the contaminate was found.
cfu	Colony forming unit is an estimate of viable bacterial or fungal numbers.
ppm	Parts per million denotes one part per 1,000,000 parts; This is equivalent to one drop of water diluted into 50 liters
ppb	Parts per billion denotes one part per 1,000,000,000 parts; This is equivalent to one drop of water diluted into 250 chemical drums.
pCi/L	Picocuries per Liter is a measure of the radioactivity in water.
Date/Time Sampled	The date and time the water was collected.
Sample Location	This tells you where the sample was collected.
Date/Time Analyzed	The date and time the water was tested.
Holding Time	The time between sample collection and testing; for compliance must not exceed 30 hours for Total Coliform, 48 hours for Nitrates/Nitrites.
Analyst	The initials of the location or of who tested your water.
EPA	Environmental Protection Agency is a government agency whose purpose is to protect human health and the environment.
MCL	Maximum Contaminate Level is highest amount of a contaminate allowed for safe drinking water set by the EPA.
AL	Action Level - EPA level If exceeded triggers treatment or other requirements.
NSDWS	National Secondary Drinking Water Standard is an unenforceable recommended limit of a contaminate set by the EPA.
Reporting Limit	The reporting limit is a quality control measure. A parameter would need to be above this level to register a reliable result.
Testing Method	The testing method is the procedure we used to test your sample.

More information on drinking water and the Environmental Protection Agency can be found at: http://water.epa.gov/drink/

AquaTest Laboratories, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed. Reproduction of this analytical report is permitted only in its entirety.

EPA LABORATORY #MI 01189 MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY LABORATORY #9975
9165 HIGHLAND ROAD, WHITE LAKE, MI 248-698-9500 info@aquatestlabs.com

11. TAP SAMPLING DATA

Water Supply Name: Riverview WSSN: 05710

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
023	17722 Brinson	6/14/2019	1	A	L	C/P	K	< 2	31.53	5710-023-1	< 2	21.48	5710-023-5	9/26/2019	9/26/2019
040	17756 Reno	7/2/2019	1	A	L	C	K	< 2	53.04	5710-040-1	5.11	26.71	5710-040-5	9/26/2019	9/26/2019
042	17779 Reno	8/28/2019	1	A	L	C/G	K	2.64	9.08	5710-042-1	< 2	6.87	5710-042-5	9/26/2019	9/26/2019
043	17828 Reno	8/25/2019	1	A	L	C/G	K	12.85	235.46	5710-043-1	2.70	62.04	5710-043-5	9/26/2019	9/26/2019
045	17546 Matthews	6/19/2019	1	A	L	C/G	K	< 2	46.02	5710-045-1	4.79	34.69	5710-045-5	9/26/2019	9/26/2019
062	17109 Brinson	6/18/2019	1	A	L	C	K	< 2	35.13	5710-062-1	< 2	15.36	5710-062-5	9/26/2019	9/26/2019
063	17521 Brinson	8/27/2019	1	A	L	C	K	< 2	63.64	5710-063-1	12.55	20.00	5710-063-5	9/26/2019	9/26/2019
065	17552 Brinson	8/27/2019	1	A	L	C	K	< 2	132.92	5710-065-1	2.93	47.57	5710-065-5	9/26/2019	9/26/2019
066	17730 Brinson	6/11/2019	1	A	L	C	K	< 2	118.80	5710-066-1	11.98	124.83	5710-066-5	9/26/2019	9/26/2019
076	17576 Matthews	6/19/2019	1	A	L	C	K	< 2	34.73	5710-076-1	6.38	27.48	5710-076-5	9/26/2019	9/26/2019
079	17647 Brinson	6/21/2019	1	A	L	C	K	< 2	60.85	5710-079-1	2.75	36.51	5710-079-5	9/26/2019	9/26/2019
083	18232 Jefferson	7/1/2019	1	A	L	P	K	< 2	< 5	5710-083-1	14.70	< 5	5710-083-5	9/26/2019	9/26/2019
086	17556 Matthews	6/20/2019	1	A	L	C	K	< 2	43.85	5710-086-1	2.00	7.92	5710-086-5	9/26/2019	9/26/2019
093	17560 Brinson	6/14/2019	1	A	L	C	K	< 2	102.82	5710-093-1	19.11	48.57	5710-093-5	9/26/2019	9/26/2019
095	17740 Clark	6/19/2019	1	A	L	C/G	K	< 2	68.72	5710-095-1	< 2	25.00	5710-095-5	9/26/2019	9/26/2019
097	17756 Clark	6/22/2019	1	A	L	G	K	< 2	67.52	5710-097-1	< 2	44.08	5710-097-5	9/26/2019	9/26/2019
099	11520 Garfield	7/3/2019	1	A	L	G	K	< 2	< 5	5710-099-1	< 2	10.36	5710-099-5	9/26/2019	9/26/2019
104	17748 Reno	8/2/2019	1	A	L	P	K	< 2	213.00	5710-104-1	3.64	113.61	5710-104-5	9/26/2019	9/26/2019
106	18200 Riverview	7/2/2019	1	A	L	C	B	< 2	13.94	5710-106-1	< 2	< 5	5710-106-5	9/26/2019	9/26/2019
107	18309 Riverview	6/20/2019	1	A	L	C	K	< 2	62.91	5710-107-1	< 2	88.30	5710-107-5	9/26/2019	9/26/2019
108	18323 Riverview	6/30/2019	1	A	L	G	K	3.10	25.66	5710-108-1	4.71	37.36	5710-108-5	9/26/2019	9/26/2019
112	17827 Reno	8/26/2019	1	A	L	P	K	2.35	11.32	5710-112-1	< 2	9.77	5710-112-5	9/26/2019	9/26/2019

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or Building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or Building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If on Tier 1, 2, 3 sites use sites representative of plumbing commonly found throughout the supply		

GLWA

Great Lakes Water Authority

11. TAP SAMPLING DATA

(Use additional sheets as needed).

Water Supply Name: Riverview WSSN: 05710

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
113	17795 Reno	8/27/2019	1	A	L	C	K	< 2	244.67	5710-113-1	5.87	46.06	5710-113-5	9/26/2019	9/26/2019
114	17545 Brinson	8/27/2019	1	A	L	C	B	< 2	168.11	5710-114-1	19.31	17.11	5710-114-5	9/26/2019	9/26/2019
001	**17047 Smith**	**9/5/2019**	**1**	**A**	**L**	**C**	**K**	**< 2**	**27.09**	**5710-001-1**	**4.88**	**5.50**	**5710-001-5**	**10/2/2019**	**10/2/2019**
058	**17740 Smith**	**9/5/2019**	**1**	**A**	**L**	**C**	**B**	**< 2**	**37.71**	**5710-058-1**	**3.44**	**59.85**	**5710-058-5**	**10/2/2019**	**10/2/2019**
059	**17756 Smith**	**9/5/2019**	**1**	**A**	**L**	**C**	**K**	**61.19**	**789.04**	**5710-059-1**	**9.44**	**66.30**	**5710-059-5**	**10/2/2019**	**10/2/2019**
098	**17812 Clark**	**7/12/2019**	**1**	**A**	**L**	**C**	**K**	**1.50**	**69.00**	**5710-098-1**	**12.00**	**33.00**	**5710-098-5**	**10/2/2019**	**10/2/2019**
103	**17739 Reno**	**7/17/2019**	**1**	**A**	**L**	**C**	**K**	**2.60**	**67.00**	**5710-103-1**	**8.10**	**140.00**	**5710-103-5**	**10/2/2019**	**10/2/2019**
115	**17067 Brinson**	**9/1/2019**	**1**	**A**	**L**	**C**	**K**	**< 2**	**141.26**	**5710-115-1**	**< 2**	**56.77**	**5710-115-5**	**10/2/2019**	**10/2/2019**

Samples in **bold** have been added since the last report was sent on 09/26/2019. Results with a less than sign are below the reporting level of the instrument at the time of analysis.

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead w/in/ot plumbing, if MFRs comprise at least 20% of total service connections	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply		

GLWA

PARAGON Laboratories

September 13, 2019

Jeff Pierce
Royal Oak WDS
1600 N. Campbell Rd.
Royal Oak, MI 48067

RE: Workorder: 356853

Dear Jeff Pierce:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356853 ROYAL OAK-090619

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3568530001	535 E Windmere- 1st Liter	WSSN: 5830	Drinking Water	9/5/2019 14:30	9/6/2019 14:33	Client
3568530002	535 E Windmere- 5th Liter	WSSN: 5830	Drinking Water	9/5/2019 14:30	9/6/2019 14:33	Client
3568530003	464 Cambridge- 1st Liter	WSSN: 5830	Drinking Water	9/6/2019 06:45	9/6/2019 14:33	Client
3568530004	464 Cambridge- 5th Liter	WSSN: 5830	Drinking Water	9/6/2019 06:45	9/6/2019 14:33	Client
3568530005	627 S Blair Ave- 1st Liter	WSSN: 5830	Drinking Water	9/6/2019 07:00	9/6/2019 14:33	Client
3568530006	627 S Blair Ave- 5th Liter	WSSN: 5830	Drinking Water	9/6/2019 07:00	9/6/2019 14:33	Client
3568530007	1513 Gardenia Ave- 1st Liter	WSSN: 5830	Drinking Water	9/5/2019 23:44	9/6/2019 14:33	Client
3568530008	1513 Gardenia Ave- 5th Liter	WSSN: 5830	Drinking Water	9/5/2019 23:44	9/6/2019 14:33	Client
3568530009	1106 Grove Ave- 1st Liter	WSSN: 5830	Drinking Water	9/6/2019 07:25	9/6/2019 14:33	Client
3568530010	1106 Grove Ave- 5th Liter	WSSN: 5830	Drinking Water	9/6/2019 07:25	9/6/2019 14:33	Client
3568530011	4167 Arlington- 1st Liter	WSSN: 5830	Drinking Water	9/6/2019 07:30	9/6/2019 14:33	Client
3568530012	4167 Arlington- 5th Liter	WSSN: 5830	Drinking Water	9/6/2019 07:30	9/6/2019 14:33	Client
3568530013	811 E Second St- 1st Liter	WSSN: 5830	Drinking Water	9/6/2019 07:15	9/6/2019 14:33	Client
3568530014	811 E Second St- 5th Liter	WSSN: 5830	Drinking Water	9/6/2019 07:15	9/6/2019 14:33	Client

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356853 ROYAL OAK-090619

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 22.6°C on September 6, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530001** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 535 E Windmere- 1st Liter Date Collected: 9/5/2019 14:30

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.021	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0013	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530002** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 535 E Windmere- 5th Liter Date Collected: 9/5/2019 14:30

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0040	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0089	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530003** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 464 Cambridge- 1st Liter Date Collected: 9/6/2019 06:45

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.021	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530004** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 464 Cambridge- 5th Liter Date Collected: 9/6/2019 06:45

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0058	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530005** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 627 S Blair Ave- 1st Liter Date Collected: 9/6/2019 07:00

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.019	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0027	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530006** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 627 S Blair Ave- 5th Liter Date Collected: 9/6/2019 07:00

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.018	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0025	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530007** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 1513 Gardenia Ave- 1st Liter Date Collected: 9/5/2019 23:44

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.25	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0027	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530008** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 1513 Gardenia Ave- 5th Liter Date Collected: 9/5/2019 23:44

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.015	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total	H	0.025	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530009** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 1106 Grove Ave- 1st Liter Date Collected: 9/6/2019 07:25

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.012	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530010** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 1106 Grove Ave- 5th Liter Date Collected: 9/6/2019 07:25

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0060	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530011** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 4167 Arlington- 1st Liter Date Collected: 9/6/2019 07:30

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.015	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0023	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530012** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 4167 Arlington- 5th Liter Date Collected: 9/6/2019 07:30

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0032	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0054	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530013** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 811 E Second St- 1st Liter Date Collected: 9/6/2019 07:15

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.015	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0056	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356853 ROYAL OAK-090619

Lab ID: **3568530014** Date Received: 9/6/2019 14:33 Matrix: Drinking Water (Potable)

Sample ID: 811 E Second St- 5th Liter Date Collected: 9/6/2019 07:15

Sample Desc: WSSN: 5830 PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0067	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total	H	0.016	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 356853 ROYAL OAK-090619

PARAMETER QUALIFIERS

Lab ID: 3568530008

H Result (or RL) is above Max limit.

Lab ID: 3568530014

H Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

September 13, 2019

Jeff Pierce
Royal Oak WDS
1600 N. Campbell Rd.
Royal Oak, MI 48067

RE: Workorder: 356791

Dear Jeff Pierce:

Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 60 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact an Account Coordinator at (734) 462-3900.

Sincerely,



Kaitlin E. James
kaitlinj@paragonlaboratories.com

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356791 ROYAL OAK-090519

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3567910001	116 Helene Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 08:15	9/5/2019 13:57	Client
3567910002	116 Helene Ave- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 08:15	9/5/2019 13:57	Client
3567910003	1700 N Blair Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:00	9/5/2019 13:57	Client
3567910004	1700 N Blair Ave- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:00	9/5/2019 13:57	Client
3567910005	1203 N Blair Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/4/2019 21:30	9/5/2019 13:57	Client
3567910006	1203 N Blair Ave- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/4/2019 21:30	9/5/2019 13:57	Client
3567910007	921 N Alexander Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 07:00	9/5/2019 13:57	Client
3567910008	921 N Alexander- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 07:00	9/5/2019 13:57	Client
3567910009	1020 N Wilson Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:03	9/5/2019 13:57	Client
3567910010	1020 N Wilson Ave- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:03	9/5/2019 13:57	Client
3567910011	1220 N Wilson Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 05:00	9/5/2019 13:57	Client
3567910012	1220 N Wilson Ave- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 05:00	9/5/2019 13:57	Client
3567910013	815 E 3rd St- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:30	9/5/2019 13:57	Client
3567910014	815 E 3rd St- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:30	9/5/2019 13:57	Client
3567910015	1015 Longfellow Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:05	9/5/2019 13:57	Client
3567910016	1015 Longfellow Ave-5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:05	9/5/2019 13:57	Client
3567910017	1930 N Connecticut Ave-1 Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 07:30	9/5/2019 13:57	Client
3567910018	1930 N Connecticut Ave-5th Lit	WSSN: 5830, Grab	Drinking Water	9/5/2019 07:30	9/5/2019 13:57	Client
3567910019	1226 E 5th St- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:15	9/5/2019 13:57	Client
3567910020	1226 E 5th St- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:15	9/5/2019 13:57	Client
3567910021	1313 N Blair Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:00	9/5/2019 13:57	Client
3567910022	1313 N Blair Ave- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:00	9/5/2019 13:57	Client
3567910023	1407 N Blair Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/4/2019 18:00	9/5/2019 13:57	Client
3567910024	1407 N Blair Ave-5th Liter	WSSN: 5830, Grab	Drinking Water	9/4/2019 18:00	9/5/2019 13:57	Client
3567910025	1617 N Blair Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 04:00	9/5/2019 13:57	Client
3567910026	1617 N Blair Ave- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 04:00	9/5/2019 13:57	Client
3567910027	1006 Woodsboro Dr- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 05:15	9/5/2019 13:57	Client
3567910028	1006 Woodsboro Dr- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 05:15	9/5/2019 13:57	Client
3567910029	812 Cherry Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 04:15	9/5/2019 13:57	Client
3567910030	812 Cherry Ave- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 04:15	9/5/2019 13:57	Client
3567910031	1022 Woodsboro- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:00	9/5/2019 13:57	Client

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

SAMPLE SUMMARY

Workorder: 356791 ROYAL OAK-090519

Lab ID	Sample ID	Sample Desc.	Matrix	Date Collected	Date Received	Collector
3567910032	1022 Woodsboro- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:00	9/5/2019 13:57	Client
3567910033	1017 Grove Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:20	9/5/2019 13:57	Client
3567910034	1017 Grove Ave- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:20	9/5/2019 13:57	Client
3567910035	1041 Grove Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 05:20	9/5/2019 13:57	Client
3567910036	1041 Grove Ave- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 05:20	9/5/2019 13:57	Client
3567910037	2119 N Washington- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:00	9/5/2019 13:57	Client
3567910038	2119 N Washington- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:00	9/5/2019 13:57	Client
3567910039	121 S Maple Ave- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 04:30	9/5/2019 13:57	Client
3567910040	121 S Maple Ave- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 04:30	9/5/2019 13:57	Client
3567910041	488 Cambridge- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:15	9/5/2019 13:57	Client
3567910042	488 Cambridge- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 06:15	9/5/2019 13:57	Client
3567910043	523 Walnut- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 05:30	9/5/2019 13:57	Client
3567910044	523 Walnut- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 05:30	9/5/2019 13:57	Client
3567910045	419 Park- 1st Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 03:30	9/5/2019 13:57	Client
3567910046	419 Park- 5th Liter	WSSN: 5830, Grab	Drinking Water	9/5/2019 03:30	9/5/2019 13:57	Client

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

PROJECT SUMMARY

Workorder: 356791 ROYAL OAK-090519

Workorder Comments

General Comments:

Samples were received ambient with an average temperature of 22.7°C on September 5, 2019.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910001** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 116 Helene Ave- 1st Liter Date Collected: 9/5/2019 08:15

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.070	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0089	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910002** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 116 Helene Ave- 5th Liter Date Collected: 9/5/2019 08:15

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.013	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total	H	0.025	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910003** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1700 N Blair Ave- 1st Liter Date Collected: 9/5/2019 06:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0088	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910004** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1700 N Blair Ave- 5th Liter Date Collected: 9/5/2019 06:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.025	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910005** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1203 N Blair Ave- 1st Liter Date Collected: 9/4/2019 21:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.091	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0056	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910006** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1203 N Blair Ave- 5th Liter Date Collected: 9/4/2019 21:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.015	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total	H	0.022	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910007** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 921 N Alexander Ave- 1st Liter Date Collected: 9/5/2019 07:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.046	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0037	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910008** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 921 N Alexander- 5th Liter Date Collected: 9/5/2019 07:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0077	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.010	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910009** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1020 N Wilson Ave- 1st Liter Date Collected: 9/5/2019 06:03

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.059	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0017	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910010** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1020 N Wilson Ave- 5th Liter Date Collected: 9/5/2019 06:03

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0050	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0078	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910011** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1220 N Wilson Ave- 1st Liter Date Collected: 9/5/2019 05:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0044	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0069	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910012** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1220 N Wilson Ave- 5th Liter Date Collected: 9/5/2019 05:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0020	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total	H	0.023	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910013** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 815 E 3rd St- 1st Liter Date Collected: 9/5/2019 06:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0056	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0030	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910014** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 815 E 3rd St- 5th Liter Date Collected: 9/5/2019 06:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0038	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total	H	0.017	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910015** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1015 Longfellow Ave- 1st Liter Date Collected: 9/5/2019 06:05

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.057	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0024	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910016** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1015 Longfellow Ave-5th Liter Date Collected: 9/5/2019 06:05

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.036	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0038	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910017** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1930 N Connecticut Ave-1 Liter Date Collected: 9/5/2019 07:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.22	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0070	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910018** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1930 N Connecticut Ave-5th Lit Date Collected: 9/5/2019 07:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.020	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total	H	0.033	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910019** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1226 E 5th St- 1st Liter Date Collected: 9/5/2019 06:15

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.037	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0015	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910020** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1226 E 5th St- 5th Liter Date Collected: 9/5/2019 06:15

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0035	mg/L	0.0010	1		1.3	9/9/2019 14:12	DTM
Lead, Total		0.0012	mg/L	0.0010	1		0.015	9/9/2019 14:12	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910021** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1313 N Blair Ave- 1st Liter Date Collected: 9/5/2019 06:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.070	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.0022	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910022** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1313 N Blair Ave- 5th Liter Date Collected: 9/5/2019 06:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.038	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.014	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910023** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1407 N Blair Ave- 1st Liter Date Collected: 9/4/2019 18:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.076	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910024** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1407 N Blair Ave-5th Liter Date Collected: 9/4/2019 18:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.035	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910025** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1617 N Blair Ave- 1st Liter Date Collected: 9/5/2019 04:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.090	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910026** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1617 N Blair Ave- 5th Liter Date Collected: 9/5/2019 04:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.011	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910027** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1006 Woodsboro Dr- 1st Liter Date Collected: 9/5/2019 05:15

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.042	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.0024	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910028** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1006 Woodsboro Dr- 5th Liter Date Collected: 9/5/2019 05:15

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0097	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.0076	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910029** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 812 Cherry Ave- 1st Liter Date Collected: 9/5/2019 04:15

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.024	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.0029	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910030** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 812 Cherry Ave- 5th Liter Date Collected: 9/5/2019 04:15

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0059	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total	H	0.017	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910031** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1022 Woodsboro- 1st Liter Date Collected: 9/5/2019 06:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.12	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.0023	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910032** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1022 Woodsboro- 5th Liter Date Collected: 9/5/2019 06:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.029	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.0053	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910033** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1017 Grove Ave- 1st Liter Date Collected: 9/5/2019 06:20

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.074	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.0031	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910034** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1017 Grove Ave- 5th Liter Date Collected: 9/5/2019 06:20

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.020	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.010	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910035** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1041 Grove Ave- 1st Liter Date Collected: 9/5/2019 05:20

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.067	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.0019	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910036** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 1041 Grove Ave- 5th Liter Date Collected: 9/5/2019 05:20

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.015	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.0068	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910037** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 2119 N Washington- 1st Liter Date Collected: 9/5/2019 06:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0082	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910038** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 2119 N Washington- 5th Liter Date Collected: 9/5/2019 06:00

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0032	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		<0.0010	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910039** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 121 S Maple Ave- 1st Liter Date Collected: 9/5/2019 04:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.012	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.0026	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910040** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 121 S Maple Ave- 5th Liter Date Collected: 9/5/2019 04:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.058	mg/L	0.0010	1		1.3	9/9/2019 14:47	DTM
Lead, Total		0.0077	mg/L	0.0010	1		0.015	9/9/2019 14:47	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910041** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 488 Cambridge- 1st Liter Date Collected: 9/5/2019 06:15

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.028	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0026	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910042** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 488 Cambridge- 5th Liter Date Collected: 9/5/2019 06:15

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0034	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0076	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910043** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 523 Walnut- 1st Liter Date Collected: 9/5/2019 05:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.024	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0015	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910044** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 523 Walnut- 5th Liter Date Collected: 9/5/2019 05:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0039	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0073	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910045** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 419 Park- 1st Liter Date Collected: 9/5/2019 03:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0094	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0032	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS

Workorder: 356791 ROYAL OAK-090519

Lab ID: **3567910046** Date Received: 9/5/2019 13:57 Matrix: Drinking Water (Potable)

Sample ID: 419 Park- 5th Liter Date Collected: 9/5/2019 03:30

Sample Desc: WSSN: 5830, Grab PO: 9074

Parameters	Qualifier	Result	Units	Reporting Limit	Dilution Factor	Result Qualifier Min	Result Qualifier Max	Analyzed	By
Metals									
Analysis Desc: EPA 200.8									
Copper, Total		0.0042	mg/L	0.0010	1		1.3	9/9/2019 15:21	DTM
Lead, Total		0.0061	mg/L	0.0010	1		0.015	9/9/2019 15:21	DTM

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

PARAGON Laboratories

ANALYTICAL RESULTS QUALIFIERS

Workorder: 356791 ROYAL OAK-090519

PARAMETER QUALIFIERS

Lab ID: 3567910002

H Result (or RL) is above Max limit.

Lab ID: 3567910006

H Result (or RL) is above Max limit.

Lab ID: 3567910012

H Result (or RL) is above Max limit.

Lab ID: 3567910014

H Result (or RL) is above Max limit.

Lab ID: 3567910018

H Result (or RL) is above Max limit.

Lab ID: 3567910030

H Result (or RL) is above Max limit.

Paragon Laboratories, Inc. is certified by the Michigan DEQ to analyze Drinking Water. (MDEQ Lab No. 9901 Expires 2/25/2020)
This report shall not be reproduced, except in full, without the written consent of Paragon Laboratories, Inc..

12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W http://www.paragonlaboratories.com

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Saint Clair Shores WSSN: 06280

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
002	21810 Avalon	8/24/2019	1	A	L	G	K	< 2	18.25	6280-002-1	< 2	< 5	6280-002-5	10/4/2019	10/4/2019
017	21822 Maxine	8/26/2019	1	A	L	C	K	2.19	26.56	6280-017-1	< 2	< 5	6280-017-5	10/4/2019	10/4/2019
024	22336 St. Gertrude	8/27/2019	1	A	L	G/P	K	< 2	< 5	6280-024-1	6.77	< 5	6280-024-5	10/4/2019	10/4/2019
028	22518 St. Gertrude	9/6/2019	1	A	L	G	K	< 2	21.12	6280-028-1	2.07	7.93	6280-028-5	10/4/2019	10/4/2019
062	21235 Alexander	8/23/2019	3	F	C	C	K	< 2	14.02	6280-062-1	< 2	< 5	6280-062-5	10/4/2019	10/4/2019
065	25321 Cubberness	9/5/2019	1	A	L	C	K	< 2	40.97	6280-065-1	2.22	7.21	6280-065-5	10/4/2019	10/4/2019
070	28008 Vogt	8/10/2019	OT	OT	C	P	K	< 0.2	220.00	6280-070-1	< 0.2	99.00	6280-070-5	10/4/2019	10/4/2019
071	22219 Statler	8/12/2019	1	A	L	C	K	2.60	9.20	6280-071-1	3.00	2.90	6280-071-5	10/4/2019	10/4/2019
072	28021 Joan	8/14/2019	1	A	L	C	K	2.50	140.00	6280-072-1	12.00	54.00	6280-072-5	10/4/2019	10/4/2019
073	22315 E. 12 Mile	8/15/2019	OT	OT	P	P/C	K	1.20	5.40	6280-073-1	1.50	3.40	6280-073-5	10/4/2019	10/4/2019
074	21125 Yale	8/15/2019	1	A	L	G/C	K	< 0.2	7.60	6280-074-1	< 0.2	3.50	6280-074-5	10/4/2019	10/4/2019
075	**27014 Koerber**	**8/8/2019**	**1**	**A**	**L**	**C**	**K**	**5.80**	**270.00**	**6280-075-1**	**36.00**	44.00	6280-075-5	10/4/2019	10/4/2019
076	21607 Pleasant	8/13/2019	1	A	L	G/C	K	0.63	38.00	6280-076-1	0.64	7.40	6280-076-5	10/4/2019	10/4/2019
077	22102 Edgewood	8/13/2019	1	A	L	P	K	1.10	11.00	6280-077-1	1.70	3.00	6280-077-5	10/4/2019	10/4/2019
078	23701 Allor	8/15/2019	1	A	L	C	K	7.40	110.00	6280-078-1	**21.00**	12.00	6280-078-5	10/4/2019	10/4/2019
079	21831 Ridgeway	8/8/2019	1	A	L	P	K	2.40	12.00	6280-079-1	**21.00**	12.00	6280-079-5	10/4/2019	10/4/2019
080	22425 Dorian	8/15/2019	1	A	L	P	K	< 0.20	63.00	6280-080-1	0.25	94.00	6280-080-5	10/4/2019	10/4/2019
081	27903 Larchmont	8/19/2019	1	A	L	C	K	1.60	110.00	6280-081-1	**15.00**	14.00	6280-081-5	10/4/2019	10/4/2019
082	22119 Shady Lane	8/19/2019	1	A	L	C	K	1.00	41.00	6280-082-1	1.30	24.00	6280-082-5	10/4/2019	10/4/2019
083	22362 St. Gertrude	8/19/2019	3	F	C	C	K	0.31	32.00	6280-083-1	< 0.20	20.00	6280-083-5	10/4/2019	10/4/2019
084	22455 Louise	8/18/2019	3	F	C	C	K	0.87	27.00	6280-084-1	0.88	3.20	6280-084-5	10/4/2019	10/4/2019
085	22503 Wildwood St.	8/19/2019	1	A	L	C	B	5.00	25.00	6280-085-1	1.50	52.00	6280-085-5	10/4/2019	10/4/2019

[1] Tier	[2] Category	Description
Tier 1	A*	Single Family w/ lead service line
	B	Single Family w/ interior lead plumbing
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.	

[1] Tier	[2] Category	Description
Tier 2	D*	Multi Family or building w/ lead service line
	E	Multi Family or building w/ interior lead plumbing
Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988
Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.

[3] Material	[4] Tap Type
L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)

GLWA Great Lakes Water Authority

EGLE

LEAD AND COPPER REPORT

11. TAP SAMPLING DATA

Water Supply Name: Saint Clair Shores WSSN: 06280

(Use additional sheets as needed).

Site Code	Sample Location	Sample Date	Tier (1,2,3,OT)[1]	Category (see below)[2]	Service Line (L,C,G,P)[3]	Building Plumbing (L*,C,G,P)[3]	Tap Type (K,B)[4]	1st Liter Sample			5th Liter Sample			Date to Community	Date to MDEGLE
								Lead (µg/L)	Copper (µg/L)	Lab Sample Number	Lead (µg/L)	Copper (µg/L)	Lab Sample Number		
086	22554 Manor	8/19/2019	1	A	L	C	K	0.89	56.00	6280-086-1	3.70	9.40	6280-086-5	10/4/2019	10/4/2019
087	29510 Jefferson	8/28/2019	3	F	C	C	K	< 2	15.41	6280-087-1	< 2	< 5	6280-087-5	10/4/2019	10/4/2019
088	22327 Martin	8/24/2019	1	A	L	C	K	< 2	111.91	6280-088-1	< 2	27.82	6280-088-5	10/4/2019	10/4/2019
089	22601 St. Gertrude	8/28/2019	1	A	L	L/C	K	< 2	24.33	6280-089-1	< 2	66.39	6280-089-5	10/4/2019	10/4/2019
090	21901 Edmonton	9/13/2019	3	F	C	C	K	< 2	141.63	6280-090				10/4/2019	10/4/2019
091	25300 Harmon	9/5/2019	3	F	C	C	K	< 2	23.01	6280-091				10/4/2019	10/4/2019
092	21001 Alexander	9/3/2019	3	F	C	G/C	K	< 2	13.59	6280-092				10/4/2019	10/4/2019
093	23340 S. Colonial Court	9/11/2019	3	F	C	C	K	< 2	29.13	6280-093				10/4/2019	10/4/2019
094	22223 Violet	9/13/2019	1	A	L	C/G	K	4.59	17.63	6280-094-1	8.18	< 5	6280-094-5	10/4/2019	10/4/2019
095	28840 Jefferson	9/17/2019	1	A	L	C/P	B	15.52	118.93	6280-095-1	29.81	31.03	6280-095-5	10/4/2019	10/4/2019

Sample in blue has been modified to reflect a change is the service line designation from galvanized to lead, tier 1, sample category A.

[1] Tier	[2] Category	Description	[1] Tier	[2] Category	Description	[3] Material	[4] Tap Type
Tier 1	A*	Single Family w/ lead service line	Tier 2	D*	Multi Family or building w/ lead service line	L* = Lead C = Copper G = Galvanized P = Plastic * Use Form A if any samples collected from sites with lead service lines to report 1st and 5th liter results.	K = Kitchen Sink B = Bathroom Sink O = Other (not an option for residential sites)
	B	Single Family w/ interior lead plumbing		E	Multi Family or building w/ interior lead plumbing		
	C	Multi Family Residence (MFR) w/ a LSL*, or lead interior plumbing, if MFRs comprise at least 20% of total service connections.	Tier 3	F	Single Family w/ copper plumbing with lead solder installed before 1988		
	* Use Form A if any samples collected from sites with LSLs to allow reporting of 1st and 5th liter results.		Other	OT	If no Tier 1, 2, 3 sites, use sites representative of plumbing commonly found throughout the supply.		

GLWA Great Lakes Water Authority

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI49340
Work Order: 90701708_02

System Name/Owner:	FISK FARM-WHITE LAKE TOWNSHIP	WSSN/Pool ID:	7065	
Collection Address:	9180 HIGHLAND RD,WHITE LAKE	Source:	Other	
Collected By:	9180 HIGHLAND	Site Code:	DIST	
Township/Well#/Section:	WHITE LAKE//14	Collector:	Other	
County:	Oakland	Date Collected:	07/01/2019	12:00
Sample Point:	KITCHEN SINK	Date Received:	07/12/2019	10:46
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION — REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	0.13	mg/L	0.05	07/16/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/16/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER
7525 HIGHLAND
WHITE LAKE MI 48383

Sample ID: LI49341
Work Order: 90701708_03

System Name/Owner:	WHITE LAKE TOWNSHIP - DAVIS	WSSN/Pool ID:	7065
Collection Address:	8898 GLASGOW,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	8898 GLASGOW	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//25	Collector:	Other
County:	Oakland	Date Collected:	07/03/2019 08:30
Sample Point:	BATHROOM SINK	Date Received:	07/12/2019 10:46
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION — REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	0.11	mg/L	0.05	07/16/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/16/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)
mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number
CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI49342
Work Order: 90701708_04

System Name/Owner:	WHITE LAKE TOWNSHIP - MASTERS	WSSN/Pool ID:	7065	
Collection Address:	976 SUNNYBEACH,WHITE LAKE	Source:	Single Family Dwelling	
Collected By:	976 SUNNYBEACH	Site Code:	DIST	
Township/Well#/Section:	WHITE LAKE//24	Collector:	Other	
County:	Oakland	Date Collected:	07/03/2019	08:10
Sample Point:	KITCHEN SINK	Date Received:	07/12/2019	10:46
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION — REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	0.09	mg/L	0.05	07/16/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/16/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)
mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number
CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI49343
Work Order: 90701708_05

System Name/Owner:	WHITE LAKE TOWNSHIP - FULLER	WSSN/Pool ID:	7065
Collection Address:	144 LAREDO CT,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	144 LAREDO CT	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//25	Collector:	Other
County:	Oakland	Date Collected:	07/04/2019 21:35
Sample Point:	KITCHEN SINK	Date Received:	07/12/2019 10:46
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION — REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	0.41	mg/L	0.05	07/16/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/16/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DPS DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI51212
Work Order: 90703158_01

System Name/Owner:	WHITE LAKE TOWNSHIP-SCHMINKE	WSSN/Pool ID:	7065
Collection Address:	141 LISA CIR,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	141 LISA CIR	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//25	Collector:	Other
County:	Oakland	Date Collected:	07/12/2019 06:30
Sample Point:	BATHROOM SINK	Date Received:	07/23/2019 11:24
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION — REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	0.72	mg/L	0.05	07/24/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/24/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DPS DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI51213
Work Order: 90703158_02

System Name/Owner:	WHITE LAKE TOWNSHIP-MITTON	WSSN/Pool ID:	7065
Collection Address:	7655 HIGHLAND RD,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	7665 HIGHLAND	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//21	Collector:	Other
County:	Oakland	Date Collected:	07/23/2019 09:31
Sample Point:	KITCHEN SINK	Date Received:	07/23/2019 11:24
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION — REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	1.04	mg/L	0.05	07/24/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	07/24/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DPS DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI51214
Work Order: 90703158_03

System Name/Owner:	WHITE LAKE TOWNSHIP- JENSEN	WSSN/Pool ID:	7065
Collection Address:	9033 GLASGOW,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	9033 GLASGOW	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//26	Collector:	Other
County:	Oakland	Date Collected:	07/16/2019 08:00
Sample Point:	KITCHEN SINK	Date Received:	07/23/2019 11:24
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION — REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	0.22	mg/L	0.05	07/24/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/24/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DPS DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI51215
Work Order: 90703158_04

System Name/Owner:	WHITE LAKE TOWNSHIP-WILLIAMS	WSSN/Pool ID:	7065
Collection Address:	30 LISA CIRCLE,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	30 LISA CIRCLE	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//25	Collector:	Other
County:	Oakland	Date Collected:	07/19/2019 08:00
Sample Point:	KITCHEN SINK	Date Received:	07/23/2019 11:24
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION — REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	0.32	mg/L	0.05	07/24/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	07/24/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DPS DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI54224
Work Order: 90800799_01

System Name/Owner:	WHITE LAKE TWP GROSSNICKLE	WSSN/Pool ID:	7065
Collection Address:	235 ALLEN LAKE,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	235 ALLEN LAKE	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//24	Collector:	Other
County:	Oakland	Date Collected:	08/04/2019 06:30
Sample Point:	KITCHEN SINK	Date Received:	08/06/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.27	mg/L	0.05	08/07/2019	1.3	EPA 200.8	7440-50-8
Lead	0.003	mg/L	0.001	08/07/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DPS DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI54225
Work Order: 90800799_02

System Name/Owner:	WHITE LAKE TWP ARMSTRONG	WSSN/Pool ID:	7065
Collection Address:	8588 SANDYCREST,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	8588 SANDYCREST	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//24	Collector:	Other
County:	Oakland	Date Collected:	08/01/2019 07:45
Sample Point:	KITCHEN SINK	Date Received:	08/06/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.20	mg/L	0.05	08/07/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/07/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DPS DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI54226
Work Order: 90800799_03

System Name/Owner:	WHITE LAKE TWP HERDMAN	WSSN/Pool ID:	7065	
Collection Address:	8333 ELIZABETH LAKE RD,WHITE LAKE	Source:	Single Family Dwelling	
Collected By:	8333 ELIZABETH LAKE	Site Code:	DIST	
Township/Well#/Section:	WHITE LAKE//	Collector:	Other	
County:	Oakland	Date Collected:	07/26/2019	04:00
Sample Point:	KITCHEN SINK	Date Received:	08/06/2019	15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.56	mg/L	0.05	08/07/2019	1.3	EPA 200.8	7440-50-8
Lead	0.138	mg/L	0.001	08/07/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DPS DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI54227
Work Order: 90800799_04

System Name/Owner:	WHITE LAKE TWP NOVOTNY	WSSN/Pool ID:	7065
Collection Address:	8530 SHARON,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	8530 SHARON	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//25	Collector:	Other
County:	Oakland	Date Collected:	08/02/2019 08:00
Sample Point:	KITCHEN SINK	Date Received:	08/06/2019 15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.60	mg/L	0.05	08/07/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/07/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DPS DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI54228
Work Order: 90800799_05

System Name/Owner:	WHITE LAKE TWP BOUTORWICK	WSSN/Pool ID:	7065	
Collection Address:	8638 BRAZO CT,WHITE LAKE	Source:	Single Family Dwelling	
Collected By:	8638 BRAZO CT	Site Code:	DIST	
Township/Well#/Section:	WHITE LAKE//25	Collector:	Other	
County:	Oakland	Date Collected:	08/01/2019	05:00
Sample Point:		Date Received:	08/06/2019	15:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.27	mg/L	0.05	08/07/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	08/07/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DP5 DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI60821
Work Order: 90900042_01

System Name/Owner:	WHITE LAKE TOWNSHIP	WSSN/Pool ID:	7065
Collection Address:	203 MELINDA CIR,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	203 MELINDA	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//25	Collector:	Other
County:	Oakland	Date Collected:	08/29/2019 05:00
Sample Point:	BATHROOM SINK	Date Received:	09/03/2019 11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.44	mg/L	0.05	09/05/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/05/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DP5 DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI60822
Work Order: 90900042_02

System Name/Owner:	WHITE LAKE TOWNSHIP- HOGAN	WSSN/Pool ID:	7065
Collection Address:	8810 GLASGOW DR,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	8810 GLASGOW	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//25	Collector:	Other
County:	Oakland	Date Collected:	08/29/2019 04:30
Sample Point:	KITCHEN SINK	Date Received:	09/03/2019 11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.50	mg/L	0.05	09/05/2019	1.3	EPA 200.8	7440-50-8
Lead	0.068	mg/L	0.001	09/05/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DP5 DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI60823
Work Order: 90900042_03

System Name/Owner:	WHITE LAKE TOWNSHIP GALLARDO	WSSN/Pool ID:	7065
Collection Address:	275 LISA CIRCLE,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	275 LISA CIR	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//25	Collector:	Other
County:	Oakland	Date Collected:	08/29/2019 08:30
Sample Point:	KITCHEN SINK	Date Received:	09/03/2019 11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	09/05/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/05/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DP5 DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI60824
Work Order: 90900042_04

System Name/Owner:	WHITE LAKE TOWNSHIP BAYES	WSSN/Pool ID:	7065
Collection Address:	655 E OXHILL DR,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	655 E OXHILL DR	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//23	Collector:	Other
County:	Oakland	Date Collected:	08/22/2019 06:40
Sample Point:	KITCHEN SINK	Date Received:	09/03/2019 11:05
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.17	mg/L	0.05	09/05/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	09/05/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER DP5 DIRECTOR
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI66244
Work Order: 90903932_01

System Name/Owner:	WHITE LAKE TOWNSHIP - BAKULA	WSSN/Pool ID:	7065
Collection Address:	132 LAREDO CT,WHITE LAKE	Source:	Single Family Dwelling
Collected By:	132 LAREDO CT	Site Code:	DIST
Township/Well#/Section:	WHITE LAKE//25	Collector:	Other
County:	Oakland	Date Collected:	09/19/2019 16:10
Sample Point:	KITCHEN SINK	Date Received:	09/23/2019 09:56
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.90	mg/L	0.05	09/24/2019	1.3	EPA 200.8	7440-50-8
Lead	0.021	mg/L	0.001	09/24/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI46919
Work Order: 90605176_01

System Name/Owner:	WHITE LAKE TOWNSHIP - KERTTU	WSSN/Pool ID:	7065	
Collection Address:	932 SUNNY BEACH,WHITE LAKE	Source:	Single Family Dwelling	
Collected By:	932 SUNNY BEACH BLVD	Site Code:	DIST	
Township/Well#/Section:	WHITE LAKE//24	Collector:	Other	
County:	Oakland	Date Collected:	06/21/2019	06:25
Sample Point:	KITCHEN SINK	Date Received:	06/28/2019	08:55
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.17	mg/L	0.05	07/01/2019	1.3	EPA 200.8	7440-50-8
Lead	Not Detected	mg/L	0.001	07/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI46920
Work Order: 90605176_02

System Name/Owner:	WHITE LAKE TOWNSHIP - CONNELY	WSSN/Pool ID:	7065	
Collection Address:	349 SHOTWELL,WHITE LAKE	Source:	Single Family Dwelling	
Collected By:	349 SHOTWELL CT	Site Code:	DIST	
Township/Well#/Section:	WHITE LAKE//23	Collector:	Other	
County:	Oakland	Date Collected:	06/19/2019	08:30
Sample Point:	KITCHEN SINK	Date Received:	06/28/2019	08:55
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.13	mg/L	0.05	07/01/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI46921
Work Order: 90605176_03

System Name/Owner:	WHITE LAKE TOWNSHIP - KRISTEN	WSSN/Pool ID:	7065	
Collection Address:	761 SUNNYBEACH,WHITE LAKE	Source:	Single Family Dwelling	
Collected By:	761 SUNNYBEACH	Site Code:	DIST	
Township/Well#/Section:	WHITE LAKE//23	Collector:	Other	
County:	Oakland	Date Collected:	06/19/2019	06:30
Sample Point:	KITCHEN SINK	Date Received:	06/28/2019	08:55
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	Not detected	mg/L	0.05	07/01/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI46922
Work Order: 90605176_04

System Name/Owner:	WHITE LAKE TOWNSHIP - DAUZY	WSSN/Pool ID:	7065	
Collection Address:	747 SUNNYBEACH,WHITE LAKE	Source:	Single Family Dwelling	
Collected By:	747 SUNNYBEACH	Site Code:	DIST	
Township/Well#/Section:	WHITE LAKE//23	Collector:	Other	
County:	Oakland	Date Collected:	06/24/2019	08:50
Sample Point:	KITCHEN SINK	Date Received:	06/28/2019	08:55
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.34	mg/L	0.05	07/01/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI46923
Work Order: 90605176_05

System Name/Owner:	WHITE LAKE TOWNSHIP - LEVASSEU	WSSN/Pool ID:	7065	
Collection Address:	11000 HIGHLAND,WHITE LAKE	Source:	Single Family Dwelling	
Collected By:	11000 HIGHLAND	Site Code:	DIST	
Township/Well#/Section:	WHITE LAKE//22	Collector:	Other	
County:	Oakland	Date Collected:	06/24/2019	08:00
Sample Point:	LAB	Date Received:	06/28/2019	08:55
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	1.12	mg/L	0.05	07/01/2019	1.3	EPA 200.8	7440-50-8
Lead	0.005	mg/L	0.001	07/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: AARON POTTER
7525 HIGHLAND RD
WHITE LAKE MI 48383

Sample ID: LI46924
Work Order: 90605176_06

System Name/Owner:	WHITE LAKE TOWNSHIP-REASER	WSSN/Pool ID:	7065	
Collection Address:	515 BERRY PATCH,WHITE LAKE	Source:	Single Family Dwelling	
Collected By:	515 BERRY PATCH	Site Code:	DIST	
Township/Well#/Section:	WHITE LAKE//23	Collector:	Other	
County:	Oakland	Date Collected:	06/20/2019	07:00
Sample Point:		Date Received:	06/28/2019	08:55
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.65	mg/L	0.05	07/01/2019	1.3	EPA 200.8	7440-50-8
Lead	0.002	mg/L	0.001	07/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Oakland County Health Division
1200 N. Telegraph, Dept. 432
Pontiac, MI 48341-0432
248 858-1312

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

WHITE LAKE TOWNSHIP BENNETT
8879 GLASGOW
WHITE LAKE MI 48386

LLI63920

Sample/Collection Information:

WSSN: 7065
County: Oakland
Township: WHITE LAKE
Section: 25
Well #:
Collection Date: 9/4/2019 7:30:00 AM
Arrival Date: 9/13/2019 1:56:55 PM

Site Code: DIST
Water Source: Single Family Dwelling
Sample Reason: Routine Monitoring
Sample Point: Treated Public Distribution System
Point Description: KITCHEN SINK
Collector: Other
Collected By: 8879 GLASGOW

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	0.88	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	0.004	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: 1/1/0001 12:00:00 AM

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

WHITE LAKE TOWNSHIP SETTECERRI
9031 SATELITE DR
WHITE LAKE MI 48386

LLI63921

Sample/Collection Information:

WSSN: 7065
County: Oakland
Township: WHITE LAKE
Section: 25
Well #:
Collection Date: 9/3/2019 2:00:00 PM
Arrival Date: 9/13/2019 1:56:56 PM

Site Code: DIST
Water Source: Single Family Dwelling
Sample Reason: Routine Monitoring
Sample Point: Treated Public Distribution System
Point Description: KITCHEN SINK
Collector: Other
Collected By: 9031 SATELITE

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	0.54	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	ND	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: 1/1/0001 12:00:00 AM

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

WHITE LAKE TOWNSHIP SHERMAN
8991 SATELITE
WHITE LAKE MI 48386

LLI63922

Sample/Collection Information:

WSSN: 7065
County: Oakland
Township: WHITE LAKE
Section: 25
Well #:
Collection Date: 9/6/2019 5:00:00 AM
Arrival Date: 9/13/2019 1:56:57 PM

Site Code: DIST
Water Source: Single Family Dwelling
Sample Reason: Routine Monitoring
Sample Point: Treated Public Distribution System
Point Description: KITCHEN SINK
Collector: Other
Collected By: 8991 SATELITE

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	0.29	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	ND	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: 1/1/0001 12:00:00 AM

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

WHITE LAKE TOWNSHIP BOHANNON
8818 GLASGOW DR
WHITE LAKE MI 48386

LLI63923

Sample/Collection Information:

WSSN: 7065
County: Oakland
Township:
Section:
Well #:
Collection Date: 9/6/2019 7:11:00 PM
Arrival Date: 9/13/2019 1:56:58 PM

Site Code:
Water Source: Single Family Dwelling
Sample Reason: Routine Monitoring
Sample Point: Treated Public Distribution System
Point Description: KITCHEN SINK
Collector: Other
Collected By: 8818 GLASGOW

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	0.57	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	0.002	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: 1/1/0001 12:00:00 AM

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

WHITE LAKE TOWNSHIP KANE
8884 SUSSEX DR
WHITE LAKE MI 48386

LLI63924

Sample/Collection Information:

WSSN: 7065
County: Oakland
Township: WHITE LAKE
Section:
Well #:
Collection Date: 9/6/2019 6:15:00 AM
Arrival Date: 9/13/2019 1:56:58 PM

Site Code: DIST
Water Source: Single Family Dwelling
Sample Reason: Routine Monitoring
Sample Point: Treated Public Distribution System
Point Description: BATHROOM SINK
Collector: Other
Collected By: 8884 SUSSEX

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	ND	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	ND	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: 1/1/0001 12:00:00 AM

Michigan Department of Environmental Quality

Replicate Laboratory Report for Lansing Drinking Water Laboratory

Owner/Location Information:

WHITE LAKE TOWNSHIP BAKULA
8614 SHARON DR
WHITE LAKE MI 48386

LLI63925

Sample/Collection Information:

WSSN: 7065
County: Oakland
Township: WHITE LAKE
Section: 25
Well #:
Collection Date: 9/11/2019 7:00:00 AM
Arrival Date: 9/13/2019 1:56:59 PM

Site Code: DIST
Water Source: Single Family Dwelling
Sample Reason: Routine Monitoring
Sample Point: Treated Public Distribution System
Point Description: KITCHEN SINK
Collector: Other
Collected By: 8614 SHARON DR

CasNo	Analyte	Result	Detect	Units	Method
7440-50-8	COPPER (RECOVERABLE)	ND	0.05	mg/L	EPA 200.8
7439-92-1	LEAD (TOTAL)	ND	0.001	mg/L	EPA 200.8

Laboratory Comments:

By authority of PA 368 of 1978 as amended.

Print Date: 1/1/0001 12:00:00 AM

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI50104
Work Order: 90702323_05

System Name/Owner:	COVENTRY WOODS	WSSN/Pool ID:	40649
Collection Address:	19 SCARBORO,	Source:	TYPE I
Collected By:	EARL SMITH	Site Code:	DBP
Township/Well#/Section:	//	Collector:	Other
County:	Livingston	Date Collected:	07/08/2019 23:45
Sample Point:	KITCHEN SINK	Date Received:	07/17/2019 09:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION / REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	0.09	mg/L	0.05	07/18/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/18/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

RECEIVED
JUL 23 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI50105
Work Order: 90702323_06

System Name/Owner:	COVENTRY WOODS	WSSN/Pool ID:	40649	
Collection Address:	148 BELMONT,	Source:	TYPE I	
Collected By:	DON MAYVILLE	Site Code:	DBP	
Township/Well#/Section:	//	Collector:	Other	
County:	Livingston	Date Collected:	07/12/2019	07:20
Sample Point:	KITCHEN SINK	Date Received:	07/17/2019	09:53
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION / REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	Not detected	mg/L	0.05	07/18/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/18/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

By authority of PA 368 of 1978 as amended

Report Created on: 7/23/2019 4:13:29PM

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI52691
Work Order: 90704330_01

System Name/Owner:	COVENTRY WOODS	WSSN/Pool ID:	40649
Collection Address:	88 CHURCHILL,	Source:	TYPE I
Collected By:	PAMELA JERVZAL	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Other
County:	Livingston	Date Collected:	07/22/2019 14:15
Sample Point:	KITCHEN SINK	Date Received:	07/30/2019 09:47
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION / REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	0.12	mg/L	0.05	08/01/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	08/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

RECEIVED
AUG 02 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI52693
Work Order: 90704330_03

System Name/Owner:	COVENTRY WOODS	WSSN/Pool ID:	40649	
Collection Address:	37 NEW CASTLE,	Source:	TYPE I	
Collected By:	JULIE HANSEN	Site Code:	DIST	
Township/Well#/Section:	//	Collector:	Other	
County:	Livingston	Date Collected:	07/24/2019	15:30
Sample Point:	KITCHEN SINK	Date Received:	07/30/2019	09:47
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION / REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	0.48	mg/L	0.05	08/01/2019	1.3	EPA 200.8	7440-50-8
Lead	0.039	mg/L	0.001	08/01/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

By authority of PA 368 of 1978 as amended

Report Created on: 8/2/2019 5:02:19PM

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI51546
Work Order: 90703453_01

System Name/Owner:	COVENTRY WOODS	WSSN/Pool ID:	40649	
Collection Address:	176 BELMONT,	Source:	TYPE I	
Collected By:	ANTHONY COX	Site Code:	DIST	
Township/Well#/Section:	//	Collector:	Other	
County:	Livingston	Date Collected:	07/19/2019	07:00
Sample Point:	KITCHEN SINK	Date Received:	07/24/2019	10:03
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION / REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Copper	Not detected	mg/L	0.05	07/25/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	07/25/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

RECEIVED
JUL 29 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI57662
Work Order: 90803344_01

System Name/Owner:	COVENTRY WOODS MHC	WSSN/Pool ID:	40649
Collection Address:	195 NEW CASTLE LANE,	Source:	TYPE I
Collected By:	KEVIN VERNIER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Other
County:	Livingston	Date Collected:	08/13/2019 15:15
Sample Point:	KITCHEN SINK	Date Received:	08/20/2019 13:40
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	1.03	mg/L	0.05	08/22/2019	1.3	EPA 200.8	7440-50-8
Lead	0.068	mg/L	0.001	08/22/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

RECEIVED
AUG 26 2019
MDEQ-DWMAD-CWSS-TSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI57664
Work Order: 90803344_03

System Name/Owner:	COVENTRY WOODS MHC	WSSN/Pool ID:	40649
Collection Address:	47 NEWCASTLE,	Source:	TYPE I
Collected By:	LARRY YELINEK	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Other
County:	Livingston	Date Collected:	08/12/2019 05:00
Sample Point:	KITCHEN SINK	Date Received:	08/20/2019 13:40
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.07	mg/L	0.05	08/22/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/22/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

By authority of PA 368 of 1978 as amended

Report Created on: 8/26/2019 3:31:37PM

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI57665
Work Order: 90803344_04

System Name/Owner:	COVENTRY WOODS MHC	WSSN/Pool ID:	40649
Collection Address:	192 NEWCASTLE LANE,	Source:	TYPE I
Collected By:	BILLY DONNER	Site Code:	DIST
Township/Well#/Section:	//	Collector:	Other
County:	Livingston	Date Collected:	08/11/2019 16:00
Sample Point:	KITCHEN SINK	Date Received:	08/20/2019 13:41
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.09	mg/L	0.05	08/22/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/22/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

RECEIVED
AUG 26 2019
MDEQ-DWMAD-CWGS-FSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI57666
Work Order: 90803344_05

System Name/Owner:	COVENTRY WOODS MHC	WSSN/Pool ID:	40649	
Collection Address:	32 STRATFORD DR,	Source:	TYPE I	
Collected By:	RICHARD SWOPE	Site Code:	DIST	
Township/Well#/Section:	//	Collector:	Other	
County:	Livingston	Date Collected:	08/09/2019	07:00
Sample Point:	KITCHEN SINK	Date Received:	08/20/2019	13:41
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.17	mg/L	0.05	08/22/2019	1.3	EPA 200.8	7440-50-8
Lead	Not detected	mg/L	0.001	08/22/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

EGLE
MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: HIGHLAND TREATMENT INC
PO BOX 1089
HIGHLAND MI 48357

Sample ID: LI57668
Work Order: 90803355_01

System Name/Owner:	COVENTRY WOODS MHC	WSSN/Pool ID:	40649	
Collection Address:	66 CHURCHILL DR,	Source:	TYPE I	
Collected By:	TAMMIE MEYER	Site Code:	DIST	
Township/Well#/Section:	//	Collector:	Other	
County:	Livingston	Date Collected:	08/15/2019	07:44
Sample Point:	BATHROOM SINK	Date Received:	08/20/2019	13:43
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring	

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	**Result**	**Units**	**RL**	**Date Tested**	**MCL/AL**	**Method**	**CAS #**
Copper	0.05	mg/L	0.05	08/22/2019	1.3	EPA 200.8	7440-50-8
Lead	0.001	mg/L	0.001	08/22/2019	0.015	EPA 200.8	7439-92-1

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U .S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Livingston County Health Dept.
2300 E Grand River
Howell, MI 48843-7579
517 546-9858

RECEIVED
AUG 26 2019
MDEQ-DWMAD-CWSS-LSU

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane