

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : SMITHS CREEK LANDFILL	SRN : N6207
Location : 6779 SMITHS CREEK ROAD	District : Warren
	County : SAINT CLAIR
City : SMITHS CREEK State: MI Zip Code : 48074	Compliance Status : Compliance
Source Class : MAJOR	Staff : Iranna Konanahalli
FCE Begin Date : 1/1/2018	FCE Completion Date : 9/30/2020
Comments : Smiths Creek is in compliance with ROP. Two small (< 30 HP	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
02/11/2020	On-site Inspection	Compliance	FY2020 ROP CMS scheduled inspection of Smiths Creek Landfill (Section 1 SCL) ("Landfill" or "Smiths Creek" or "SCL")
02/05/2020	Other	Compliance	Concerning SCL Cell-08 Solar Flare
08/19/2019	Other		
06/03/2019	Other	Compliance	

Activity Date	Activity Type	Compliance Status	Comments
11/30/2018	ROP Semi 1 Cert	Compliance	<p>Semi-1: January 1, 2018 – June 30, 2018 Smiths Creek Landfill (N6207) CY 2018 Semi-annual (Semi1: Jan-Jun 2018) Deviation, Semi1 Landfill SSM, NSPS 3W Semi-1 Cert. received on September 14, 2018– Timely. 1 deviation for Semi1 at EU-VENTFLARE-SCL1: Spark plug for solar flares SF2 & SF3 could not be corrected within 5 day; winds broke the wires connecting transformers and spark plugs. Semi1 SSM: 9 SSM events occurred (SF1-6: data logger removed for data download; SF5: data logger malfunction June 04 thru 30, 2018; SF2 & SF3: high winds broke spark plug wires). NSPS 3W Semi1 (40 CFR 60.757(f)): 21 GCCS wells were permanently decommissioned per AQD approval; 2 positive pressure incidents were noted at SCLGW-01 & SCLGW-22; many wells experienced >5% O2 incidents; many SF malfunctioned; 0 exceedance of 500 ppm surface methane; no GCCS well was installed in 2018Sem1 period.</p>

Activity Date	Activity Type	Compliance Status	Comments
11/30/2018	NSPS (Part 60)	Compliance	<p>NSPS Semi-Annual Report. Smiths Creek Landfill (N6207) CY 2018 Semi-annual (Semi1: Jan-Jun 2018) Deviation, Semi1 Landfill SSM, NSPS 3W Semi-1 Cert. received on September 14, 2018– Timely. 1 deviation for Semi1 at EU-VENTFLARE-SCL1: Spark plug for solar flares SF2 & SF3 could not be corrected within 5 day; winds broke the wires connecting transformers and spark plugs. Semi1 SSM: 9 SSM events occurred (SF1-6: data logger removed for data download; SF5: data logger malfunction June 04 thru 30, 2018; SF2 & SF3: high winds broke spark plug wires). NSPS 3W Semi1 (40 CFR 60.757(f)): 21 GCCS wells were permanently decommissioned per AQD approval; 2 positive pressure incidents were noted at SCLGW-01 & SCLGW-22; many wells experienced >5% O2 incidents; many SF malfunctioned; 0 exceedance of 500 ppm surface methane; no GCCS well was installed in 2018Sem1 period.</p>

Activity Date	Activity Type	Compliance Status	Comments
11/30/2018	MACT (Part 63)	Compliance	SSM Semi-Annual Report Smiths Creek Landfill (N6207) CY 2018 Semi-annual (Semi1: Jan-Jun 2018) Deviation, Semi1 Landfill SSM, NSPS 3W Semi-1 Cert. received on September 14, 2018– Timely. 1 deviation for Semi1 at EU-VENTFLARE-SCL1: Spark plug for solar flares SF2 & SF3 could not be corrected within 5 day; winds broke the wires connecting transformers and spark plugs. Semi1 SSM: 9 SSM events occurred (SF1-6: data logger removed for data download; SF5: data logger malfunction June 04 thru 30, 2018; SF2 & SF3: high winds broke spark plug wires). NSPS 3W Semi1 (40 CFR 60.757(f)): 21 GCCS wells were permanently decommissioned per AQD approval; 2 positive pressure incidents were noted at SCLGW-01 & SCLGW-22; many wells experienced >5% O2 incidents; many SF malfunctioned; 0 exceedance of 500 ppm surface methane; no GCCS well was installed in 2018Sem1 period.
08/14/2018	Scheduled Inspection	Compliance	FY2018 ROP CMS scheduled inspection of Smiths Creek Landfill
05/31/2018	Other	Compliance	May 02, 2018, (for SCLGW-01 and SCLGW-85) and May 07, 2018 (for SCLGW-02 and SCLGW-50), E-mail request for Alternative Timeline

Activity Date	Activity Type	Compliance Status	Comments
04/24/2018	ROP Other	Compliance	<p>MAERS Certification form.</p> <p>1. Smiths Creek Landfill (N6207) CY 2017 Semi-annual (Semi2: July-Dec 2017), MAERS-2017, Landfill SSM (Semi2: 0 startup, 2 malfunction [Solar Flare #1 = 1 & Solar Flare #2 = 1] & 1 shutdown [blower / fuel skid collection system] incidents, no updates to SSM), NSPS 3W Annual (40 CFR 60.757, many wells experienced >5% O2, 106 GCCS wells, and 21 of 106 are permanently decommissioned) and Annual (Jan-Dec 2017) Cert. received on March 15, 2018– Timely. 3 deviations for Semi-2. 9 (6 Jan-Jun + 3 Jul-Dec) deviations for Annual 2017.</p>
04/24/2018	MACT (Part 63)	Compliance	<p>SSM Semi-Annual Report</p> <p>1. Smiths Creek Landfill (N6207) CY 2017 Semi-annual (Semi2: July-Dec 2017), MAERS-2017, Landfill SSM (Semi2: 0 startup, 2 malfunction [Solar Flare #1 = 1 & Solar Flare #2 = 1] & 1 shutdown [blower / fuel skid collection system] incidents, no updates to SSM), NSPS 3W Annual (40 CFR 60.757, many wells experienced >5% O2, 106 GCCS wells, and 21 of 106 are permanently decommissioned) and Annual (Jan-Dec 2017) Cert. received on March 15, 2018– Timely. 3 deviations for Semi-2. 9 (6 Jan-Jun + 3 Jul-Dec) deviations for Annual 2017.</p>

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04/24/2018	ROP SEMI 2 CERT	Compliance	<p>1. Smiths Creek Landfill (N6207) CY 2017 Semi-annual (Semi2: July-Dec 2017), MAERS-2017, Landfill SSM (Semi2: 0 startup, 2 malfunction [Solar Flare #1 = 1 & Solar Flare #2 = 1] & 1 shutdown [blower / fuel skid collection system] incidents, no updates to SSM), NSPS 3W Annual (40 CFR 60.757, many wells experienced >5% O2, 106 GCCS wells, and 21 of 106 are permanently decommissioned) and Annual (Jan-Dec 2017) Cert. received on March 15, 2018– Timely. 3 deviations for Semi-2. 9 (6 Jan-Jun + 3 Jul-Dec) deviations for Annual 2017.</p>
04/24/2018	NSPS (Part 60)	Compliance	<p>NSPS Annual Report. 1. Smiths Creek Landfill (N6207) CY 2017 Semi-annual (Semi2: July-Dec 2017), MAERS-2017, Landfill SSM (Semi2: 0 startup, 2 malfunction [Solar Flare #1 = 1 & Solar Flare #2 = 1] & 1 shutdown [blower / fuel skid collection system] incidents, no updates to SSM), NSPS 3W Annual (40 CFR 60.757, many wells experienced >5% O2, 106 GCCS wells, and 21 of 106 are permanently decommissioned) and Annual (Jan-Dec 2017) Cert. received on March 15, 2018– Timely. 3 deviations for Semi-2. 9 (6 Jan-Jun + 3 Jul-Dec) deviations for Annual 2017.</p>

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04/24/2018	ROP Annual Cert	Compliance	1. Smiths Creek Landfill (N6207) CY 2017 Semi-annual (Semi2: July-Dec 2017), MAERS-2017, Landfill SSM (Semi2: 0 startup, 2 malfunction [Solar Flare #1 = 1 & Solar Flare #2 = 1] & 1 shutdown [blower / fuel skid collection system] incidents, no updates to SSM), NSPS 3W Annual (40 CFR 60.757, many wells experienced >5% O2, 106 GCCS wells, and 21 of 106 are permanently decommissioned) and Annual (Jan-Dec 2017) Cert. received on March 15, 2018– Timely. 3 deviations for Semi-2. 9 (6 Jan-Jun + 3 Jul-Dec) deviations for Annual 2017.
02/12/2018	Other	Compliance	January 26, 2018 (Fri 1/26/2018 4:20 PM), E-mail request for Alternative Timeline (SCLW-86)

Name: *J. S. McNamee* Date: December 9, 2020

Supervisor: *Joyce*
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