

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : VIENNA JUNCTION LANDFILL	SRN : N2689
Location : 6505 HAGMAN RD	District : Jackson
	County : MONROE
City : ERIE State: MI Zip Code : 43133	Compliance Status : Compliance
Source Class : MAJOR	Staff : Diane Kavanaugh Vetort
FCE Begin Date : 6/17/2019	FCE Completion Date : 6/17/2020
Comments : FCE/PCE Report for T5 Major Source facility compliance inspection.	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
06/17/2020	Scheduled Inspection	Compliance	Major Source, ROP, FCE/PCE. Conducted complete scheduled inspection.
06/17/2020	Self Initiated Inspection	Unknown	Methane SEM survey of the landfill. 32 methane hits above 500 ppm were detected. See also Scheduled Inspection Report dated 6/17/2020 conducted at the same time.
06/17/2020	Records Review (In office)	Compliance	Major T5 Facility FCE/PCEs. ROP Section 1: VJ LF and Section 2: VJ Energy. Documents the review of company required recordkeeping. Compliance records were requested by email and received electronically.
05/04/2020	MAERS	Compliance	MAERS REPORT RECEIVED. CERTIFICATION Received 3/17/20. Includes Section 2 Fortistar Treatment plant which has been idled for 5 x years or more due to no 3rd party user of LFG. Report NMOC 6 tons, CO 32 tons, NOx 10 tons, PM10F 29 tons (fug dust roads veh traffic), SO2 3 tons. Support docs attached. Acceptable.

Activity Date	Activity Type	Compliance Status	Comments
03/27/2020	ROP SEMI 2 CERT	Compliance	2019 2nd Semi-annual Cert & Dev report. State 24 wells exhibited parameter exceedance one or more times during period. 5 Wells were not resolved within 15 days: EW49, EW114 (redrilled 114R) and EW81R2. Two Wells 77R (90 days) and 30R2 (56 days) are not discussed. ACT/AOS submitted/approved. Flare is the only control device. 17 times not operating >1 hr. Longest was 3 days on 7/5. No times w/entire collection system not in operation in excess of 5 days. SEMs 2nd Q = 8 all cleared; 4th Q = 4 all cleared by 30 day remonitor. Expanded GCS 3 new wells and 11 redrills. NOTE for future inspections - why seems lots of shutdowns and take a long time to restart the flare?
03/27/2020	ROP Other	Compliance	2nd Semi Annual Startup, Shutdown, Malfunction Report. Report 39 malfunction events of the flare. This is any shutdown other than scheduled. Note: Control device downtime reported in NSPS/Semi cert. report are times flare was down >1 hr. It includes scheduled shutdowns (reported 45 startup /6 shutdown events). SSM also reports 28 start-ups and 9 shutdowns.
03/27/2020	ROP Annual Cert	Compliance	2019 Annual Certification/Deviation Report. Report 2 deviations each semi-period covers wells and flare.
03/27/2020	NSPS (Part 60)	Compliance	2019 Annual NSPS 40 CFR 60 Subpart WWW report received. See details under 2nd Semi-annual ROP Dev report and previous 1st semi-annual report.

Activity Date	Activity Type	Compliance Status	Comments
03/27/2020	NSPS (Part 60)	Compliance	Initial Annual NSPS 40 CFR 60 Subpart XXX report received. Appears to be acceptable/complete. Became subject XXX May 27, 2019 so report was due by end of November 2019. This semi-annual period covers Nov 1 to Dec 31, 2019 and is added to the initial report received in November 2019. Report Flare downtime; SEM 4 in November; 2 new wells & 5 abandoned & re-drilled (partial list of those in NSPS WWW report - only rept. Nov/Dec wells). Consistent w/NSPS WWW report.
03/09/2020	ROP Other	Compliance	2nd 2019 Semi annual Startup, Shutdown, Malfunction Report required by ROP, NSPS WWW, XXX and MACT AAAA. No deviations or reported SSM. Fortistar Methane Group is Section 2. Used to operate treatment system and provided gas to 3rd party off-site user GM, Ohio. Shut off years ago and not operating treatment or any other equipment for many years. VJ Landfill, Section 1, operates LFG control Flare.
03/09/2020	ROP SEMI 2 CERT	Compliance	2nd 2019 Semi-annual ROP. Fortistar Methane Group is Section 2. Used to operate treatment system and provided gas to 3rd party off-site user GM, Ohio. Shut off years ago and not operating treatment or any other equipment for many years. VJ Landfill, Section 1, operates LFG control Flare.
03/09/2020	ROP Annual Cert	Compliance	2019 Annual Certification & Deviation Report. Section 2 Fortistar operates LFG Treatment System previously transferred gas to GM facility in Ohio. Has been offline for several years. Report no operation during period. All gas is currently sent to Enclosed Flare (only control).
03/04/2020	ROP Tech Review Notes		Technical review notes for ROP issued March 4, 2020.

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12/05/2019	NSPS (Part 60)	Compliance	Initial Annual NSPS 40 CFR 60 Subpart XXX report received. Sent email w/questions; reply received on 2/10/20. Appears to be acceptable/ complete. 1st Report received under new NSPS. Became subject May 27, 2019 so report was due by end of November 2019. Next semi-annual period will cover Nov 1 to Dec 31, 2019 and be received by March 15, 2020.
09/26/2019	Stack Test	Compliance	Received email Vienna Junction LF (S1) in response to EGLE inquiry about their results of the state-wide SO2/LFG letter requiring sampling/testing to determine SO2 content in LFG. VJ LF own/operate EUENCLOSEDFLARE. Testing was completed. Received formal report 9/25. Results indicate 63 ppm TRS and PTE SO2 of 8.22 tons per yr. Flare was installed under exemption R285(2)(aa) and continues to qualify for exemption.
09/18/2019	ROP Semi 1 Cert	Compliance	2019 1st Semi-annual Cert & Dev report. State 24 wells exhibited parameter exceedance one or more times during period. 3 Wells were not resolved within 15 days: W09, W49, WLR64. ACT/AOS submitted/approved. Flare is only control device. 15 times not operating >1 hr. Longest was 3 days on 2/12. Replaced PLC 2x in March which had most shutdowns (6). No times w/entire collection system not in operation in excess of 5 days. SEMs 1st Q = 0; 2nd Q = 5 all cleared by 30 day remonitor. Expanded GCS 1 new well EW120 and 1 redrill EW32R with laterals. NOTE for future inspections - why seems to take a long time like 12 hrs or more to restart the flare?

Activity Date	Activity Type	Compliance Status	Comments
09/18/2019	NSPS (Part 60)	Compliance	<p>ROP and NSPS required semi-annual report. State 24 wells exhibited parameter exceedance one or more times during period. 3 Wells were not resolved within 15 days: W09, W49, WLR64. ACT/AOS submitted/approved. Flare is only control device. 15 times not operating >1 hr. Longest was 3 days on 2/12. Replaced PLC 2x in March which had most shutdowns (6). No times w/entire collection system not in operation in excess of 5 days. SEMs 1st Q = O; 2nd Q = 5 all cleared by 30 day remonitor. Expanded GCS 1 new well EW120 and 1 redrill EW32R with laterals. NOTE for future inspections - why seems to take a long time like 12 hrs or more to restart the flare?</p>
09/18/2019	ROP Other	Compliance	<p>Semi Annual Startup, Shutdown, and Malfunction Report. Report 20 malfunction events of the flare. This is any shutdown other than scheduled. Note: Control device downtime reported in NSPS/Semi cert. report are times flare was down >1 hr. It includes scheduled shutdowns (reported 15 events). SSM also reports 28 start-ups and 9 shutdowns.</p>
09/11/2019	ROP Semi 1 Cert	Compliance	<p>1st Semi-annual ROP. Fortistar Methane Group is Section 2. Used to operate treatment system and provided gas to 3rd party off-site user GM, Ohio. Shut off years ago and not operating treatment or any other equipment for many years. VJ Landfill, Section 1, operates LFG control Flare.</p>
09/11/2019	ROP Other	Compliance	<p>1st Semi annual Startup, Shutdown, Malfunction Report required by ROP, NSPS WWW, XXX and MACT AAAA. No deviations or reported SSM. Fortistar Methane Group is Section 2. Used to operate treatment system and provided gas to 3rd party off-site user GM, Ohio. Shut off years ago and not operating treatment or any other equipment for many years. VJ Landfill, Section 1, operates LFG control Flare.</p>

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08/19/2019	Other		Notes regarding AOS request dated 7/12/19 and AQD approval letter dated 8/19. Initial impression from data was 32R not a problem; 35 very high CH4 and question why high pressure & very low flow? 49 appears to truly have low CH4, low flow and consistent high O2 until June. LR64 is ok for high O2 due to it being a leachate riser. This was communicated to Andy Secord in email and he responded with some additional information for area wells (similar) and said he'd ck with technicians on 35. Did not receive additional follow up and letter was issued with conditions.
06/19/2019	Other Non ROP	Compliance	Received letter from Vienna Junction LF (S1) in response to EGLE state-wide SO2/LFG letter requiring sampling/testing to determine SO2 content in LFG. VJ LF will be conducting sample/analysis with Tedlar bags. They own/operate EUENCLOSEDFLARE. Testing will commence the wk of 7/22 and continue for 2 additional wks. 3 bags per sampling event. Results will determine any follow up action.

Name: *Deby Victor* Date: *9/10/20* Supervisor: *[Signature]*
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