

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

M4782
MAWILK-FCE

FCE Summary Report

Facility : US ECOLOGY MICHIGAN	SRN : M4782
Location : 49350 N. I 94 SERVICE DR	District : Detroit
	County : WAYNE
City : BELLEVILLE State: MI Zip Code : 48111	Compliance Status : Compliance
Source Class : MAJOR	Staff : C. Nazaret Sandoval
FCE Begin Date : 7/12/2016	FCE Completion Date : 7/12/2017
Comments : Full Compliance Evaluation for FY 2017	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
07/12/2017	Stack Test Observation	Compliance	Observations collected during the test conducted at US Ecology, East Treatment Building RTO Stack . The test is required by MI-ROP-M4782-2010a, Section 1, Special Condition (SC) V.1 for FG_EAST. Refer to CA_M478240782 for details.
07/12/2017	Scheduled Inspection	Compliance	FY 2017 - Scheduled Inspection
05/31/2017	MAERS	Compliance	MAERS report was timely submitted and received online on 3/14/2017. ROP Certification postmarked 3/15/2017. The report was audited and passed the audit after minor revisions by AQD. For review details refer to MACES Activity Report No. CA M478240030
05/31/2017	Other	Compliance	2016 MAERS Audit Review Comments. Report was examined during the month of May 2016 and passed audit. For review details refer to MACES Activity Report No. CA M478240030

Activity Date	Activity Type	Compliance Status	Comments
05/25/2017	Stack Test	Compliance	<p>Test Plan for verification of the pollutant emission rates and the RTO destruction efficiency, for the exhaust gas at the East Treatment RTO stack (FG_EAST).</p> <p>The report was received by TPU staff on 5/15/17. A copy of the report was emailed by US Ecology to AQD Detroit District Office on 2/25/2017. TPU staff (Mark Dziadosz) is reviewing the test methods. AQD inspector will discuss the process operational conditions in which the test has to be conducted. The proposed date for the test is 06/13/17.</p>
03/15/2017	MACT (Part 63)	Compliance	<p>ROP Section 1 - RTO Semi-Annual Planned Routine Maintenance Report pursuant to NESHAP from Off-Site Waste and Recovery Operations (40 CFR 63.697 Subpart DD) - Period 7/1/2016 to 12/31/2016 - Postmarked 3/15/2017.</p> <p>This report summarizes the RTO routine maintenance activities and RTO downtime for the period. Unexpected malfunctions or repair to the RTO are also reported. For details about the RTO downtime records and AQD evaluation of the data, please refer to MACES activity report: CA_M478241704</p>
03/15/2017	MACT (Part 63)	Compliance	<p>ROP Section 2 - WDI Semi-annual report (2nd half 2016) SSM Plan Report per 40 CFR 63, Subpart AAAA. Several malfunction events were reported, sixteen(16) out of a total of twenty (20) involved engine No. 4, mostly described as "high coolant temperature" malfunctions. However, Wayne Energy reported that they followed the SSM plan for all instances of engines malfunction and the source did not exceed any of the emission limitations because the engine is automatically shut down when there are malfunctions that could potentially generate pollutants above the permit limits.</p>

Activity Date	Activity Type	Compliance Status	Comments
03/15/2017	NESHAP (Part 61)	Compliance	ROP Section 1 - Annual report for year 2016 submitted in compliance with Part 61 Subpart FF Benzene NESHAP - Timely submitted , postmarked 3/15/2017 . The facility reported the annual Total Annual Benzene (TAB) for MDWTP in compliance with 61.357(d) (2) and certified annual inspections per 61.354 (f) (1). No deviations reported.
03/15/2017	MACT (Part 63)	Compliance	ROP Section 2 Wayne Energy Recovery (WER) : Semi-Annual RICE report (Part 63 , Subpart ZZZZ). No deviations reported.
03/15/2017	Other	Compliance	Evaluation of RTO downtime for period 7/01/16 to 12/31/16 - Source data: RTO Semi-Annual Planned and Un-Schedule Maintenance Report submitted pursuant to NESHAP for Off-site Waste and Recovery Facilities.(40 CFR 63.697 Subpart DD). Report postmarked 3/15/2017 . See report CA M478241704
03/15/2017	ROP SEMI 2 CERT	Compliance	ROP Section 1 - Semi-annual ROP certification for period 7/1/2016 to 12/31/2016, postmarked 3/15/17. Two (2) deviation were reported. See report M478241706
03/15/2017	ROP SEMI 2 CERT	Compliance	ROP Section 2 - Semi-annual ROP certification for period 7/1/2016 to 12/31/2016, postmarked 3/15/17. No deviations reported.
03/15/2017	ROP SEMI 2 CERT	Compliance	ROP Section 3 Semiannual Report for period 7/1/2016 to 12/30/2016, postmarked 3/15/2017. EPA Region V makes compliance determination for Section 3 of the ROP. AQD does not have delegation of authority to implement and/or enforce the provisions of the Federal Plan regulating the landfills at Wayne Disposal Inc. (40 CFR Part 62, Subpart GGG) . We marked "in compliance" to acknowledge the receipt of the ROP certification for Section 3. If deviations were reported for ROP Section 3, we did not evaluate them.

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03/15/2017	ROP Annual Cert	Compliance	ROP Section 1 - Annual ROP certification timely submitted. Received and postmarked by AQD Detroit Field Office on 3/15/17. Refer to the Semi-Annual Reports for compliance evaluation.
03/15/2017	ROP Annual Cert	Compliance	ROP Section 2 - Annual ROP certification timely submitted. Received and postmarked by AQD Detroit Field Office on 3/15/17. Refer to the Semi-Annual Reports for compliance evaluation
03/15/2017	ROP Annual Cert	Compliance	ROP Section 3 - The annual ROP certification for period 1/1/2016 to 12/30/2016 was timely submitted by US Ecology. Received and postmarked by AQD Detroit Field Office on 3/15/17. EPA Region V makes compliance determination for Section 3 of the ROP. AQD does not have delegation of authority to implement and/or enforce the provisions of the Federal Plan regulating the landfills at Wayne Disposal Inc. (40 CFR Part 62, Subpart GGG) . We marked "in compliance" to acknowledge the receipt of the ROP certification for Section 3. However, if deviations were reported, they were not evaluated by AQD.
03/15/2017	Other	Compliance	Evaluation of the ROP Deviation Report for period July to December 2016 received by AQD on March 15, 2017 / Section 1, MDWTP FG East . For details about the deviations and corrective actions, please refer to CA M478241706
09/15/2016	Other	Compliance	Evaluation of RTO downtime for period 1/01/16 to 6/30/16 - Source data: RTO Semi-Annual Planned and Un-Schedule Maintenance Report submitted pursuant to NESHAP for Off-site Waste and Recovery Facilities.(40 CFR 63.697 Subpart DD). Report postmarked 9/15/2016. See report CA M478241708

Activity Date	Activity Type	Compliance Status	Comments
09/15/2016	ROP Semi 1 Cert	Compliance	ROP Section 1 - Semi-annual ROP certification for period 1/1/2016 to 6/30/2016, postmarked 9/15/2016. Five deviations were reported, For review details see report CA_M478241705
09/15/2016	ROP Semi 1 Cert	Compliance	ROP Section 2 - Semi-annual ROP certification for period 1/1/2016 to 6/30/2016, postmarked 9/15/2016. No deviations reported.
09/15/2016	ROP Semi 1 Cert	Compliance	ROP Section 3 - The semiannual report certification for period 1/1/2016 to 6/30/2016 was timely submitted by US Ecology. Received and postmarked by AQD Detroit Field Office on 9/15/2016. EPA Region V makes compliance determination for Section 3 of the ROP. AQD does not have delegation of authority to implement and/or enforce the provisions of the Federal Plan regulating the landfills at Wayne Disposal Inc. (40 CFR Part 62, Subpart GGG) . We marked "in compliance" to acknowledge the receipt of the ROP certification for Section 3. However, if deviations were reported, they were not evaluated by AQD.
09/15/2016	MACT (Part 63)	Compliance	ROP Section 1 - RTO Semi-Annual Planned Routine Maintenance Report pursuant to off site NESHAP (40 CFR 63.697 Subpart DD) - Period 1/1/2016 to 6/30/2016 - Postmarked 9/15/2016. This report summarizes the RTO routine maintenance activities and RTO downtime for the period. Unexpected malfunctions or repair to the RTO are also reported. For details about the RTO downtime records and AQD evaluation of the data, please refer to MACES activity report CA M478241708

Activity Date	Activity Type	Compliance Status	Comments
09/15/2016	MACT (Part 63)	Compliance	ROP Section 2 - WDI Semi-annual report (1st half 2016) SSM Plan Report per 40 CFR 63, Subpart AAAA. Report postmarked 9/15/2016. Several malfunction events were reported. Six (6) out of a total of nine (9) involved engine No. 4. However, Wayne Energy reported that they followed the SSM plan for all instances of engines malfunction and the source did not exceed any of the emission limitations.
09/15/2016	Other	Compliance	Evaluation of the ROP Deviation Report for period 01/01/16 to 06/30/16 received by AQD on 09/15/16, Section 1, MDWTP FG East . For details about the deviations and corrective actions, please refer to CA M478241705
09/15/2016	MACT (Part 63)	Compliance	ROP Section 2 Wayne Energy Recovery (WER) : Semi-Annual RICE report (Part 63 , Subpart ZZZZ). No deviations were reported

Name: Amador Date: 9/28/2017 Supervisor: JK