

DEPARTMENT OF ENVIRONMENTAL QUALITY  
AIR QUALITY DIVISION

FCE Summary Report

<b>Facility :</b> US ECOLOGY MICHIGAN	<b>SRN :</b> M4782
<b>Location :</b> 49350 N. I 94 SERVICE DR	<b>District :</b> Detroit
	<b>County :</b> WAYNE
<b>City :</b> BELLEVILLE <b>State:</b> MI <b>Zip Code :</b> 48111	<b>Compliance Status :</b> Compliance
<b>Source Class :</b> MAJOR	<b>Staff :</b> C. Nazaret Sandoval
<b>FCE Begin Date :</b> 8/21/2018	<b>FCE Completion Date :</b> 8/21/2019
<b>Comments :</b> FCE for FY 2019	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
08/21/2019	Scheduled Inspection	Compliance	FY 2019 Scheduled Inspection
05/28/2019	Other	Compliance	2018 MAERS Audit Review Comments. Report was examined during the month of May 2019 and passed audit. For review details refer to MACES Activity Report No. CA M478248935
05/28/2019	MAERS	Compliance	MAERS report for emission year 2018 was timely submitted online. Report was audited and passed audit. For audit details refer to MACES compliance activity report No. CA_M478248935
03/15/2019	NESHAP (Part 61)	Compliance	ROP Section 1 - Annual report for year 2018 submitted in compliance with Part 61 Subpart FF Benzene NESHAP - Timely submitted , postmarked 3/15/2019 . 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.
03/15/2019	CAM Excursions/Exceedances	Compliance	CAM monitor downtime and excursion/exceedance report for ROP Sections 1 to 3. No reported downtime, excursions or exceedances for period 7/1/2018 to 12/31/2018.

Activity Date	Activity Type	Compliance Status	Comments
03/15/2019	ROP SEMI 2 CERT	Compliance	ROP Section 1 - Semi-annual ROP certification for period 7/1/2018 to 12/31/2018, postmarked 3/15/2019. No deviations were reported
03/15/2019	ROP SEMI 2 CERT	Compliance	ROP Section 2 - Semi-annual ROP certification for period 7/1/2018 to 12/31/2018, postmarked 3/15/2019. No deviations or exceedances were reported. For details, please refer to the "ROP Annual Cert" for Section 2 recorded on 3/15/2019.
03/15/2019	ROP SEMI 2 CERT	Compliance	ROP Section 3 - Semi-annual ROP certification for period 7/1/2018 to 12/31/2018, postmarked 3/15/2019. No deviations or exceedances were reported. For details, please refer to the "ROP Annual Cert" for Section 3 recorded on 3/15/2019.

Activity Date	Activity Type	Compliance Status	Comments
03/15/2019	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 7/1/2018 to 12/31/2018 - Postmarked 3/15/2019.</p> <p>This report summarizes the RTO planned scheduled (S) maintenance activities for the cited period. In addition, all unscheduled (U) repairs and/or malfunctions to the RTO resulting in the system shutdown have been documented. All treatment operations are ceased during RTO downtime to assure permit compliance.</p> <p>During this period, the RTO was shut-down for the 3 and 6 month routine maintenance and the annual RTO calibration. On 9/15/2018 and 9/16/2018 the facility recorded about 24 hours-downtime during a 3-month maintenance and DTE transformer installation. Also reported in September, 2018, annual RTO calibration and pressure transmitter replacement (12/8, 12/9 and 12/10). A combined 3 and 6-month scheduled maintenance occurred in 12/1 and 12/2 and RTO ceramic media change-out from 12/7 to 12/9. The longest downtime occurred in the month of November due to building maintenance from 10/30 to 11/21. The unscheduled (U) downtime varied from short spans of 20 to 30 minutes to several hours, depending on the causes; which included: pH meter change, short power outages, scrubber system cleaning, etc.</p>
03/15/2019	ROP Annual Cert	Compliance	<p>ROP Section 1 - Annual ROP certification for period 1/1/2018 to 12/31/2018, postmarked 3/15/2019. No deviations were reported.</p>

Activity Date	Activity Type	Compliance Status	Comments
03/15/2019	ROP Annual Cert	Compliance	<p>ROP Section 2 - Annual ROP certification for period 1/1/2018 to 12/31/2018, postmarked 3/15/2019.</p> <p>The engine operations at Wayne Energy Recovery (WER) terminated on 12/27/2017 after the decommissioning of the landfill gas collection and control system. The landfill gas compressor was turned-off and the landfill gas feeding valve was locked-out. The facility submitted ROP certification for Section 2 because the emission units (FGENGINES and EUTREATMENTSYS) are still part of the current ROP. This will be revised during the ROP renewal process.</p>
03/15/2019	ROP Annual Cert	Compliance	<p>ROP Section 3 - Annual ROP certification for period 1/1/2018 to 12/31/2018, postmarked 3/15/2019. No deviations or exceedances were reported.</p> <p>The passive vent system installed at the MSW landfill cells at Font, Old Wayne and Site # 1 were decommissioned on 10/07/2017 after EPA approval on 5/16/2017. The active gas collection system at Site #2 landfill, which fed the electric generation plant at Wayne Energy Recovery (WER), was turned off on 12/27/2017. The facility submitted ROP certification for Section 3 because the emission units listed in Section 3 are still part of the current ROP. This section will be revised during the ROP renewal process.</p>
03/15/2019	ROP Other	Compliance	<p>2018 MAERS ROP Certification Report Form for Sections 1 to 3 postmarked 3/15/2019.</p>
09/14/2018	CAM Excursions/Exceedances	Compliance	<p>CAM monitor downtime and excursion/exceedance report for ROP Sections 1 to 3. No reported downtime, excursions or exceedances for period 1/1/2018 to 6/30/2018.</p>
09/14/2018	ROP Semi 1 Cert	Compliance	<p>ROP Section 1 - Semi-annual ROP certification for period 1/1/2018 to 6/30/2018, postmarked 9/14/2018. No deviations were reported</p>

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09/14/2018	ROP Semi 1 Cert	Compliance	<p>ROP Section 2 - Semi-annual ROP certification for period 1/1/2018 to 6/30/2018, postmarked 9/14/2018. No deviations were reported.</p> <p>The engine operations at Wayne Energy Recovery (WER) terminated on 12/27/2017 after the decommissioning of the landfill gas collection and control system. The landfill gas compressor was turned-off and the landfill gas feeding valve was locked-out. The facility submitted ROP certification for Section 2 because the emission units (FGENGINES and EUTREATMENTSYS) are still part of the current ROP. This will be revised during the ROP renewal process.</p>
09/14/2018	ROP Semi 1 Cert	Compliance	<p>ROP Section 3 - Semi-annual ROP certification for period 1/1/2018 to 6/30/2018, postmarked 9/14/2018. No deviations or exceedances were reported.</p> <p>The passive vent system installed at the MSW landfill cells at Font, Old Wayne and Site # 1 were decommissioned on 10/07/2017 after EPA approval on 5/16/2017. The active gas collection system at Site #2 landfill, which fed the electric generation plant at Wayne Energy Recovery (WER), was turned off on 12/27/2017. The facility submitted ROP certification for Section 3 because the emission units listed in Section 3 are still part of the current ROP. This section will be revised during the ROP renewal process.</p>

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09/13/2018	Other	Compliance	<p>As required by Section 1 of MI-ROP-M4782-2010a for FG East/SC V.2 and FG West/SC V.3; Silwia Scott from US Ecology provided notification (via email received on 9/13/2018) of the plans for conducting Procedure - T and negative static pressure test at the East and West treatment buildings on September 20, 2018, if weather permits.</p>

Name: Atandoral Date: 9/17/2019 Supervisor: JK