

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : ADRIAN ENERGY ASSOCIATES LLC	SRN : P0426
Location : 1900 NORTH OGDEN HWY	District : Jackson
	County : LENAWEE
City : ADRIAN State: MI Zip Code : 49221	Compliance Status : Compliance
Source Class : MAJOR	Staff : Zachary Durham
FCE Begin Date : 7/1/2015	FCE Completion Date : 8/2/2016
Comments : FCE of PCE for MI-ROP-P0426-2014.	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
07/15/2016	Scheduled Inspection	Compliance	Scheduled, unannounced inspection of MI-ROP-P0426-2014.
05/16/2016	ROP Other	Compliance	MACT Subpart AAAA (Part 63). Semi-Annual Treatment System and SSM Report. T5 ROP AEA LFG to energy plant at Adrian LF. Former Section 2: now separate SRN/ROP. Only deviation was failure to submit 1-2 x when TS/Plant was down during 1st Semi. AQD cross references with Adrian LF submittal. Allowed correct/submit 2015 Annual. Otherwise 13 x TS or Plant down during 2nd Semi. Normal to have periodic SSM that don't last long. No time when all controls were down 5 days (NSPS). Were 3 x when all controls were down >1hr (NSPS). Acceptable.
05/16/2016	MAERS	Compliance	2015 MAERS Report ROP Cert. Timely and Acceptable.

Activity Date	Activity Type	Compliance Status	Comments
05/16/2016	ROP Annual Cert	Compliance	T5 ROP AEA Landfill gas to energy plant at Adrian LF. Former Section 2: now separate SRN/ROP. Only deviation was failure to submit 1-2 x when TS/Plant was down during 1st Semi. AQD cross references with Adrian LF submittal. Allowed correct/submit 2015 Annual. Otherwise 13 x TS or Plant down during 2nd Semi. Normal to have periodic SSM that don't last long. No time when all controls were down 5 days (NSPS). Were 3 x when all controls were down >1hr (NSPS). Acceptable.
05/16/2016	ROP SEMI 2 CERT	Compliance	T5 ROP AEA Landfill gas to energy plant at Adrian LF. Former Section 2: now separate SRN/ROP. Only deviation was failure to submit 1-2 x when TS/Plant was down during 1st Semi. AQD cross references with Adrian LF submittal. Allowed correct/submit 2015 Annual. Otherwise 13 x TS or Plant down during 2nd Semi. Normal to have periodic SSM that don't last long. No time when all controls were down 5 days (NSPS). Were 3 x when all controls were down >1hr (NSPS). Acceptable.
10/15/2015	Stack Test	Compliance	Emission verification Test Report for LFG-fired IC engines (EUCENGINE1-3). The testing was conducted in accordance with the Test Plan dated May 9, 2015, and the facility was operated in compliance with the permit conditions or at the maximum routine operating conditions for the facility.

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10/15/2015	Sample Results Review	Compliance	Stack Test Results Report received 8/11/15 and Tom Gasloli, TPU Interoffice review memo received 10/14/15. Significant: TPU review indicated Derenzo consultant reported VOC and Formaldehyde separately and need to be combined. Remains compliant w/VOC limit lb/hr. Also, noted g/hp-hr numbers different than those in existing ROP Appdx 7. (calculations). District will contact consultant to advise that updated EF need to be used and equal combined VOC including formaldehyde.
10/15/2015	Telephone Notes	Compliance	Follow up with Adrian Energy's consultant, Derenzo, regarding stack test results.
09/30/2015	ROP Other	Compliance	Semi-Annual Treatment System and Start-up shutdown Malfunction (SSM) Report. AEA operates LFG Treatment system (Adrian Landfill) and gas to energy plant. Report 12 SSM events occurred. No deviations of Treatment System. Report no events when LFG vented to atmosphere. 12/11 Determined by Cross ck w/Adrian LF two all control shutdown events were missed (Rept'd by LF not AEA). Consultant email AEA, fixed & AQD advised submit w/Annual for 2015. Acceptable.
09/30/2015	ROP Semi 1 Cert	Compliance	1st Semi-annual Certification & Deviation Report. Report no deviations. Records review during MAERS and FY14 inspection. Performance test conducted in June was observed by AQD and was compliant. Acceptable.
08/19/2015	Telephone Notes		Discussed AEA formaldehyde test result and HAP Source status change with Becky Loftus, SE MI and on Landfill Workgrp. She is assigned to write process paper for LF RICE, and R201 issue.

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07/30/2015	Telephone Notes		Received call from Rob Harvey, Derenzo & Assoc. consultant. He wanted to let me know the Test Results Report will be submitted soon. AEA results were compliant with ROP/PTI limits. However, the resulting Formaldehyde emission puts them over 10 tons single HAP = Major Source HAP now. Prior designation was as true Minor Source of HAPs.

Name: Jack Dulan Date: 8/2/16 Supervisor: _____