

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

FCE Summary Report

Facility : PINE TREE ACRES, INC.	SRN : N5984
Location : 36600 29 MILE RD.	District : Southeast Michigan
	County : MACOMB
City : LENOX State: MI Zip Code : 48048	Compliance Status : Compliance
Source Class : MAJOR	Staff : Rebecca Loftus
FCE Begin Date : 04/30/13	FCE Completion Date : 8/6/2014
Comments : See also N8004 Sumpter Energy Associates. These two SRNs make up one stationary source.	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
08/06/2014	Scheduled Inspection	Compliance	Annual Compliance Inspection
06/16/2014	Stack Test	Compliance	Certification for Air Emissions Test Report associated with compliance testing of emission units FGICENGINES: All eight engines were tested in April 2014 for NOx, CO, and NMOC to demonstrate compliance with the NSPS and permit limits. Based on the test report and data received, all eight engines were in compliance with the permit limits during the test. -R.Loftus
05/30/2014	MAERS	Compliance	Audit Complete; no changes made. See review notes in MAERS database. - R. Loftus
05/30/2014	ROP Annual Cert	Compliance	Annual Report Received on 3/17/14 (post marked 3/15/14) For 2013, the facility reported a total of four deviations (see the Semi-Annual reports for details. In response to the deviations, PTA requested to decommission some wells, requested alternate timelines/operating values, and installed a total of 44 new wells in cells 19-22. PTA responses to each deviation occurred in a timely fashion, and were consistent with their SSM Plan. - R. Loftus

Activity Date	Activity Type	Compliance Status	Comments
05/30/2014	ROP Other	Compliance	SSM Report received on 3/17/14 (post marked by the 15th): No revisions were made to the SSM Report during this period. A total of 6 GCCS malfunction events, 14 GCCS shutdown events, and 31 startup events occurred. According to Waste Management all actions taken following the events were consistent with the SSM Plan. -R. Loftus
05/30/2014	ROP SEMI 2 CERT	Compliance	Semi-annual report received on 3/17/14 (post marked by the 15th). The facility reported two deviations during the second half of 2013; July 1, 2013 through December 31, 2013. The first deviation for was several wells which had oxygen and/or temperature exceedances during the reporting period. As a result of the exceedances, the facility requested requested alternative timelines to bring some wells into compliance, requested oxygen and temperature variances for several wells, and expanded the GCCS by added additional wells with 120 days of the initial exceedance. The second deviation was for a software malfunction in which two wells were not scheduled to be re-monitored within 15 days. When the wells were re-monitored they were in compliance with temperature and oxygen parameters. The facility is addressing the software glitch with their IT staff. -R. Loftus

Activity Date	Activity Type	Compliance Status	Comments
05/30/2014	NSPS (Part 60)	Compliance	<p>NSPS Report received on 3/17/14 (post marked 3/15/14). The facility properly documented instances in which wells had temperature, oxygen, and pressure exceedances. In instances in which the exceedance could not be corrected within 15 days, the facility requested higher temperature operating variances for several wells, alternative timelines for other wells, and that certain wells be decommissioned. Tables 1 and 2 of the NSPS report provide a detailed account of the duration of each wellhead exceedance. There were no instances during the reporting period in which all the control devices (both flares and/or engines) were simultaneously not operating for longer than 1 hour in duration. There were also no instances in which the gas collection system was down for more than 5 days. The 3rd and 4th quarterly scans showed no locations at the landfill that initially exceeded 500ppm methane. - R.Loftus</p>
05/12/2014	Other Non ROP	Compliance	<p>NSPS 40 CFR Part 60 Subpart WWW: Request to Decommission wells EW090R, EW092, and EW142. Request reviewed and response was sent to PTA. - R.Loftus</p>
03/17/2014	ROP Other	Compliance	<p>MAERS Certification received on time.</p>

Activity Date	Activity Type	Compliance Status	Comments
09/27/2013	ROP Semi 1 Cert	Compliance	<p>Semi- Annual Report received on 9/16/13 (post marked 9/14/13): The facility reported two deviations during the first half of 2013; January 1, 2013 through June 30, 2013. The first deviation for was several wells which had oxygen and/or pressure exceedances during the reporting period. As a result of the exceedances and depending on the well location, the facility requested that some wells with oxygen exceedances/positive pressure be decommissioned, requested alternative timelines to bring some wells into compliance, requested oxygen and pressure/low flow variances for several wells, and/or added new wells within 120 days of the initial exceedance. The second deviation was for a PLC programming error in which the program did not initiate flare shutdown for low temperature conditions. PTA has re-programmed the PLC to correct this from reoccurring. -R. Loftus</p>

Activity Date	Activity Type	Compliance Status	Comments
09/27/2013	NSPS (Part 60)	Compliance	Semi-annual NSPS Report received 9/16/13 (post marked 9/14/13) The facility properly documented instances in which wells had temperature, oxygen, and pressure exceedances. In instances in which the exceedance could not be corrected within 15 days, the facility requested higher temperature operating variances for several wells, alternative timelines for other wells, and that certain wells be decommissioned. Tables 1 and 2 of the NSPS report provide a detailed account of the duration of each wellhead exceedance. There were no instances during the reporting period in which all the control devices (both flares and/or engines) were simultaneously not operating for longer than 1 hour in duration. There were also no instances in which the gas collection system was down for more than 5 days. There was one location at PTA that initially exceeded 500 ppm methane during the 1st quarterly scan; PTA adjusted the well vacuum and conducted additional cover maintenance to correct the exceedance. The 2nd quarterly scan showed no locations at the landfill that initially exceeded 500ppm methane. -R. Loftus
09/27/2013	ROP Other	Compliance	Semi-annual SSM Report received 9/16/13 (post marked 9/14/13): SSM Report received on 9/16/13 (post marked on 9/14/13): No revisions were made to the SSM Report during this period. A total of 25 GCCS malfunction events, 29 GCCS shutdown events, and 85 startup events occurred. According to Waste Management the actions taken following each event were consistent with the SSM Plan. -R. Loftus
05/31/2013	MAERS	Compliance	Audit Complete; See review notes in MAERS database.

Name:

Rebecca Loftus

Date:

9/10/14

Supervisor:

CTE