

DEPARTMENT OF ENVIRONMENTAL QUALITY

AIR QUALITY DIVISION

FCE Summary Report

Facility : South Kent Landfill	SRN : N1324
Location : 10300 South Kent Drive SW	District : Grand Rapids
	County : KENT
City : BYRON CENTER	State: MI Zip Code : 49315 Compliance Status : Compliance
Source Class : MAJOR	Staff : David Morgan
FCE Begin Date : 11/01/2020	FCE Completion Date : 11/23/2021
Comments :	

List of Partial Compliance Evaluations :

Activity Date	Activity Type	Compliance Status	Comments
11/10/2021	ROP Semi 1 Cert	Compliance	A deviation was reported for not taking the monthly gas sulfur analysis during May 2021. According to EDL, "the employee tasked with sampling left the company before taking the monthly sample. Their replacement was transferred to the facility in early June. The previous month's sample was substituted for the May facility calculations." Sulfur values are consistently around 600ppm which is below the 1,000ppm limit. The previous month's sample was substituted for the May calculations and no emissions exceedances were expected. A violation notice will not be sent at this time.
11/01/2021	On-site Inspection	Compliance	
09/27/2021	ROP Semi 1 Cert	Compliance	Original signature by Responsible Official. The South Kent Landfill received approximately 144,255 tons of refuse in the first half of 2021. No deviations were reported for the landfill covered under Section 1.

Activity Date	Activity Type	Compliance Status	Comments
05/18/2021	MAERS	Compliance	ROP Certification form for MAERS received 3-18-21. Kent County used site specific NMOC concentration in landfill emissions model. EDL used site specific stack test data for emissions estimates. Calculations are consistent with previous reporting years. This MAERS is acceptable.-DLM
04/14/2021	ROP Annual Cert	Compliance	Postmarked 3-15-21. MI-ROP-N1324-2018 and MI-ROP-N1324-2018a (issued 11-24-2020). No deviations reported and signed by the responsible official.
04/14/2021	MACT (Part 63)	Compliance	Postmarked 3-15-21 - Annual Certification for Subpart ZZZZ
04/14/2021	ROP SEMI 2 CERT	Compliance	Postmarked 3-15-21. MI-ROP-N1324-2018 and MI-ROP-N1324-2018a (issued 11-24-2020). No deviations reported and signed by the responsible official.
04/14/2021	ROP Annual Cert	Compliance	Originally sent March 18 but not received by AQD. Original signature by Responsible Official. The South Kent Landfill received approximately 275,874 tons of refuse and occupied 349,711 cubic meters of airspace in 2020. No deviations were reported for the landfill covered under Section 1.
04/14/2021	ROP SEMI 2 CERT	Compliance	Originally sent March 18 but not received by AQD. No deviations reported and signed by the responsible official.
01/04/2021	Stack Test	Compliance	A stack test report was received for the Energy Developments Byron Center located at the South Kent Landfill. The test was conducted on November 16 and 17, 2020, pursuant to ROP No. MI-ROP-N1324-2018 and 40 CFR Part 60, Subpart JJJJ. For engines EUICEENGINE1 and EUICEENGINE2, NOx emissions were 2.74 & 2.13 lb/hr (4.92 lb/hr limit) respectively, CO emissions were 14.18 & 14.89 lb/hr (16.23 lb/hr limit) respectively, VOC emissions were 0.2 & 0.2 g/bhp-hr (1.0 g/bhp-hr) respectively, formaldehyde emissions were not tested. All results were within applicable limits.

Activity Date	Activity Type	Compliance Status	Comments
12/28/2020	ROP Semi 1 Cert	Compliance	Original signature by Responsible Official. The South Kent Landfill received approximately 127,005 tons of refuse in the first half of 2020. No deviations were reported for the landfill covered under Section 1.
12/28/2020	ROP Semi 1 Cert	Compliance	Postmarked 9-15-20. No deviations reported and signed by the responsible official.

David L. Bryan

Name: _____

11/23/2021

Date: _____

Supervisor: _____

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