



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
JACKSON DISTRICT OFFICE



LIESL EICHLER CLARK
DIRECTOR

October 14, 2020

Mr. David Seegert, General Manager
Arbor Hills Landfill, Inc., Advanced Disposal Services
10833 West Five Mile Road - Building B
Northville, Michigan 48168

SRN: N2688, Washtenaw County

Dear Mr. Seegert:

VIOLATION NOTICE

On September 28, 2020, the Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD), was notified by Advanced Disposal Services (ADS) of a malfunction of their 2 enclosed flares at the Arbor Hills Landfill (AHLF) located at 10690 West Six Mile Road, Northville, Michigan.

This notification was reviewed by AQD to determine the ADS compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the Air Pollution Control Rules; the conditions of Permit to Install (PTI) number 79-17; the conditions of Renewable Operating Permit (ROP) number MI-ROP-N2688-2011a; the federal New Source Performance Standard for Municipal Solid Waste Landfills, 40 CFR Part 60, Subpart WWW (WWW) and the National Emission Standard for Hazardous Air Pollutants 40 CFR Part 63, Subpart AAAA (AAAA).

After reviewing the notification information, AQD staff has identified the following violations:

Process Description	Rule/Permit Condition Violated	Comments
FGENCLOSEDFLARES-S2 Two enclosed flares used for combusting excess gas not combusted at the gas-to-energy facility.	PTI No.79-17 Condition III.6., WWW 40 CFR 60.755(e), AAAA 40 CFR 63.1955(a)	Period of start-up, shutdown or malfunction duration exceeded 1 hour.
FGENCLOSEDFLARES-S2	National Emission Standards for Hazardous Air Pollutants for Source Categories 40 CFR 63.6(e)(1)(i), Federal New Source Performance Standards General Provisions 40 CFR 60.11(d)	Owner or operator of a municipal solid waste landfill, at all times, including periods of startup, shutdown, and malfunction, to the extent practicable, maintain and

		operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.
FGENCLOSEDFLARES-S2	R336.1910 (Rule 910)	Flares failed to function as backup control devices as designed.

On September 24, 2020, AQD called ADS to investigate recent odor complaints received September 22-24, 2020, attributed to the AHLF operations. During this call, AQD was informed that DTE Energy had required a forced shut down of the Arbor Hills Energy (AHE) plant on September 23, 2020, which extended until September 24, 2020. AQD then requested submittal of the flare and plant operations data for the subject dates.

On September 28, 2020, AQD received an email from ADS with the requested information for the AHLF flare compound. They also informed AQD that an apparent malfunction occurred involving the two enclosed flares during the period of the AHE plant shutdown and transition to the backup AHLF flare operation. On September 29, 2020, AQD received an email from ADS with the requested AHE plant operations data for the same period.

Based on the operations data received and reviewed, the two enclosed flares failed to reach and maintain required minimum operating temperature, triggering several alarms and periodic shutdowns/start-ups. The flares failed to operate as designed resulting in a period when the overall flaring capacity was much less than the normal gas flow generated by the landfill.

The AQD is requiring that ADS review their existing Start up, Shutdown, Malfunction Abatement Plan (SSM) in accordance with 40 CFR 63.1960, for required revision and update as necessary based on this event. The AQD is requiring that ADS written response (below) include revising the SSM to include a monthly systems operation audit/check of all 3 flares, their control systems, and associated blowers and ductwork. All equipment should be operated simultaneously at full load once a month to make sure everything is working properly when and if the transition to a full operational mode occurs in the future. This is meant to prevent reoccurrence of what occurred during previous events.

Please initiate actions necessary to correct the cited violations and submit a written response to this Violation Notice by November 4, 2020, (which coincides with 21 calendar days from the date of this letter). The written response should include: the dates the violations occurred; an explanation of the causes and duration of the violations; whether

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the violations are ongoing; a summary of the actions that have been taken and are proposed to be taken to correct the violations and the dates by which these actions will take place; and what steps are being taken to prevent a reoccurrence.

Please submit the written response to EGLE, AQD, Jackson District, at 301 E. Louis Glick Hwy, Jackson, Michigan 49201 and submit a copy to Ms. Jenine Camilleri, Enforcement Unit Supervisor at EGLE, Air Quality Division, P.O. Box 30260, Lansing, Michigan 48909-7760.

If AHLF believes the above observations or statements are inaccurate or do not constitute violations of the applicable legal requirements cited, please provide appropriate factual information to explain your position.

Thank you for your attention to resolving the violations cited above. If you have any questions regarding the violations or the actions necessary to bring this facility into compliance, please contact me at the number listed below.

Sincerely,



Diane Kavanaugh Vetort
Senior Environmental Quality Analyst
Air Quality Division
517-416-3537

cc: Mr. Anthony Testa, ADS
Ms. Suparna Chakladar, AHE, Fortistar
Ms. Mary Ann Dolehanty, EGLE
Dr. Eduardo Olaguer, EGLE
Ms. Jenine Camilleri, EGLE
Mr. Christopher Ethridge, EGLE
Mr. Scott Miller, EGLE
Mr. Mike Kovalchick, EGLE