



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
JACKSON DISTRICT OFFICE



LIESL EICHLER CLARK
DIRECTOR

April 11, 2019

CERTIFIED MAIL- 7017 3380 0000 4105 8391
RETURN RECEIPT

Mr. Anthony Falbo, Senior Vice President-Operations
Fortistar Methane Group
Arbor Hills Energy LLC
10611 West Five Mile Road
Northville, Michigan 48167

SRN: N2688, Washtenaw County

Dear Mr. Falbo:

VIOLATION NOTICE

On April 2, 2019, the Department of Environmental Quality (DEQ), Air Quality Division (AQD), conducted an inspection of Advanced Disposal Services, Arbor Hills Landfill Inc. (ADS) located at 10690 West Six Mile Road, Northville Michigan. The purpose of this inspection was to determine ADS's 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) and the associated Air Pollution Control Rules, the conditions of Renewable Operating Permit (ROP) number MI-ROP-N2688-2011a; and Permit to Install (PTI) permits 19-17B & 79-17.

During the inspection and subsequent records review, AQD staff observed the following relevant to Fortistar Methane Group-Arbor Hills Energy LLC (Company) whom are the contracted operators of the landfill gas collection system and part of the same stationary source as ADS:

Process Description	Rule/Permit Condition Violated	Comments
Municipal solid waste landfill (MSWL), Gas Collection and Control System (GCCS)	Standards of Performance for New Stationary Sources 40 CFR 60.11(d); 40 CFR Part 60 Standards of Performance for New Stationary Sources-Subpart WWW- MSWL; 40 CFR Part 63 – National Emission Standards for Hazardous Air Pollutants for Source Categories 40 CFR 63.6(e)(1)(i); Rule 299.4433(7)(a) and (e) of Part 115 – Type II landfill operation, explosive gas	An Elevated Temperature Landfill (ETLF) event is negatively impacting the GCCS system and exacerbating the odor problem at the landfill. ADS and the Company failed to timely diagnose the problem and has yet to fully implement appropriate corrective actions that are

	control and monitoring; Rule 299.4434(1) of Part 115 – Type II landfill operation air criteria.	required to contain the event.
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The DEQ became aware of an ongoing ETLF event that is occurring at the landfill after meeting with ADS and in association with site visits that occurred on March 28 and April 2, 2019, and subsequent review of specific gas well information provided by ADS at that time.

Based on this well data, the ETLF event likely has been ongoing for more than a year and has become significant enough that it has begun to degrade the GCCS system at the landfill.

Please initiate actions necessary to correct the cited violation and submit a written response to this Violation Notice by April 25, 2019. The written response should include: the dates the violation occurred; an explanation of the causes and duration of the violation; whether the violation is 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 written response to the DEQ, AQD Jackson District, at 301 East Louis B. Glick Highway Jackson, Michigan 49201 and submit copy to Ms. Jenine Camilleri, Enforcement Unit Supervisor at the DEQ, AQD P.O. Box 30260, Lansing, Michigan 48909-7760.

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

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

Sincerely,



Mike Kovalchick
Senior Environmental Engineer
Air Quality Division
517-416-5025

cc: Mr. Scott Miller, DEQ
cc/via e-mail: Ms. Suparna Chakladar, FORTISTAR
Mr. Jay Waszinski, ADS
Mr. Mark Johnson, ADS

Ms. Sarah Marshall, USEPA
Mr. Nathan Frank, USEPA
Mr. Kenneth Ruffatto, USEPA
Ms. Mary Ann Dolehanty, DEQ
Dr. Jay Olaguer, DEQ
Mr. Chris Ethridge, DEQ
Ms. Jenine Camillari, DEQ
Mr. Jeff Rathbun, DEQ
Ms. Diane Kavanaugh Vetort, DEQ
Ms. Ambrosia Brown, DEQ