



RICK SNYDER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
GRAND RAPIDS DISTRICT OFFICE



C. HEIDI GREYHER
DIRECTOR

August 24, 2016

Mr. Greg Northrup, Managing Partner
Lowell Energy AD LLC
P.O. Box 68703
Grand Rapids, Michigan 49516

SRN: P0375, Kent County

Dear Mr. Northrup:

VIOLATION NOTICE

On August 15, August 16, August 17, August 18, and August 22, 2016, the Department of Environmental Quality (DEQ), Air Quality Division (AQD), conducted investigations of Lowell Energy AD LLC located at 625 Chatham Street, Lowell, Michigan. The purpose of these investigations was to determine Lowell Energy AD LLC'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); the Air Pollution Control Rules; and to investigate numerous complaints which we received regarding foul odors attributed to the anaerobic biodigester operations at Lowell Energy AD LLC.

During the investigations, staff observed the following:

| Process Description | Rule/Permit Condition Violated | Comments |
|-----------------------|--------------------------------|----------------|
| Anaerobic Biodigester | Rule 901(b) | Nuisance Odors |

In the professional judgment of AQD staff, the odors that were observed were of sufficient intensity, frequency and duration so as to constitute a violation of Rule 901. The AQD staff detected odors in several locations throughout the residential area surrounding the facility.

Please initiate actions necessary to correct the cited violation and submit a written response to this Violation Notice by September 13, 2016 (which coincides with 21 calendar days from the date of this letter). 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 violation and the dates by which these actions will take place; and what steps are being taken to prevent a reoccurrence.

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If Lowell Energy AD LLC 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 violation cited above and for the cooperation that was extended to AQD staff during our investigations of Lowell Energy AD LLC. 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,

A handwritten signature in black ink, appearing to read "Kaitlyn DeVries". The signature is fluid and cursive, with the first name "Kaitlyn" and last name "DeVries" clearly distinguishable.

Kaitlyn DeVries
Environmental Quality Analyst
Air Quality Division
616-356-0003

cc: Ms. Heidi Hollenbach DEQ
cc/via e-mail: Ms. Lynn Fiedler, DEQ
Ms. Mary Ann Dolehanty, DEQ
Mr. Chris Ethridge, DEQ
Mr. Thomas Hess, DEQ
Mr. Fred Sellers, DEQ