



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

RE: Haviland Energy  
Premise No. 0363002004  
Paulding County  
Notice of Violation (NOV/non-HPV)

September 20, 2013

CERTIFIED MAIL

Mr. Bruce Bailey  
Vice President of Technical Affairs  
Quasar Energy Group  
7624 Riverview Road  
Cleveland, Ohio 44141

Dear Mr. Bailey:

This letter serves as a follow-up to the site visit on August 22, 2013 made to the Haviland Energy facility in Haviland, Ohio. The purpose of the site visit was to investigate an odor complaint the Ohio EPA Division of Air Pollution Control (DAPC) received on August 13, 2013 regarding a bad odor generated by the facility. Also during the visit, an inspection was conducted to determine the compliance status of all air contaminant sources operating at the facility with rules and regulations of the DAPC.

Based on my discussion with Mr. Bruce Dangler, Plant Manager, on observations made during the inspection, and a review of the facility's permits, the findings are as follows:

1. The facility accepts various waste streams such as tomatoes rejected from a cannery, grocery store waste, wastewater treatment plant biosolids and fats-oils-grease (FOG). The waste is processed in an anaerobic digester, and methane produced by the digester is used to power an engine/generator that supplies the grid. The electricity generated is used to offset power used by Haviland Plastics located across the street. Quasar Energy and Haviland Plastics are joint owners of Haviland Energy.

An underground storage receiving tank (UST), about 12600 gallons in size, is used to temporarily hold waste. Vapor from the UST is displaced into the atmosphere when the tank is filled. At all times other than when the UST is being filled, the tank opening is covered with a "compost pile" that is similar to a 55 gallon barrel with a mesh screen on the bottom that is filled with compost material. This is intended to serve as a filter in the same fashion as a charcoal filter.

After being processed in the digester, liquid is sent to a pond at the rear of the property. From there it is land applied by local farmers as is sludge from the pond. The facility has active permits with the Ohio EPA Division of Surface Water.

2. The source of the odor could not be determined during the site visit. No strong odor was detected by this writer/investigator during the inspection. Therefore, the findings of the complaint cannot be determined at this time.
3. Emission Unit (EU) F001 – Unpaved roadways and parking areas - was issued Permit to Install and Operate (PTIO) No. P0109291 on January 11, 2012. The permit requires daily inspection and recordkeeping for visible fugitive dust on all unpaved roads and parking areas. These requirements are not currently being performed by the facility. Therefore, the facility is in violation of PTIO No. P0109291 and ORC 3704.05 for failing to comply with the permit's monitoring and recordkeeping requirements.
4. PTIO No. P0109081, issued February 14, 2012, contains Facility-Wide operational restrictions and monitoring requirements. The facility has chosen to use Option 2: Continuous digester gas monitoring system to monitor and record H<sub>2</sub>S content of the digester gas. Please provide information sufficient to demonstrate how the facility has determined the limits of accuracy of the monitoring system, and dates of any exceedances of the lower limit of the system's accuracy. Please provide records, as detailed in the permit, of how the facility investigated the cause of any exceedances.
5. The facility-wide Terms and Conditions of PTIO No. P0109081 also require:

Digester gas combusted in emission units B001, P001, and P002 shall have a minimum heat content of 500 BTU/scf, and

The permittee shall also maintain monthly records of the heat content of the digester gas, in BTU/scf for months where any of the emissions units B001, P001, and/or P002 are operating with digester gas.

These records were not readily available during the site visit. Please provide the heat content of the digester gas for each month during which the facility has been in operation. Note that the facility should begin to maintain these records in a readily available format.

6. In PTIO No. P0109081, EU P002 - 0.81 MW Generator – 1215 HP I.C. Engine (digester-gas fuel) is subject to 40 CFR Part 60, Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (NSPS JJJJ).

Please submit documentation of the steps the facility has taken to maintain compliance with this regulation including date of engine manufacture, certification status of the engine, and the records required under §60.4245(a).

The facility's written response to this letter is requested by **October 25, 2013**. The response should be submitted to Carol Norman at the Northwest District Office of Ohio EPA and contain the information requested in this letter.

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Ohio EPA has an Office of Compliance Assistance and Pollution Prevention (OCAPP) that is available to assist qualifying small businesses in achieving and maintaining compliance with Ohio's environmental regulatory programs. OCAPP may be able to help you with the permit requirements for compliance and recordkeeping. More information regarding OCAPP is available on our website at <http://epa.ohio.gov/ocapp/ComplianceAssistanceandPollutionPrevention.aspx>. The contact person for OCAPP in the Northwest District Office is Mr. Ron Nabors, and his phone number is (419) 373-3147. He may be able to lend assistance with issues pertaining to this letter. If you decide to contact OCAPP for assistance, please inform me of that as soon as possible so that a new deadline for information submission can be established, if needed.

Please note that the submission of the requested information to respond to this letter does not constitute waiver of the Ohio EPA's authority to seek civil penalties as provided in Section 3704.06 of the Ohio Revised Code. Ohio EPA will determine later whether to pursue such penalties in this case. The decision on whether to pursue or decline to pursue such penalties regarding this matter is dependent on several factors, one of which is your future compliance with applicable Ohio EPA requirements.

Thank you for the courtesy extended during the site visit. If you have any questions or comments, I may be contacted by phone at (419) 373-3141 or via e-mail at [carol.norman@epa.state.oh.us](mailto:carol.norman@epa.state.oh.us).

Sincerely,



Carol Norman, PhD, PE  
Division of Air Pollution Control

/cg

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