



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
Twinsburg, Ohio 44087

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

December 22, 2008

RE: LAKE COUNTY
KIRTLAND
KIRTLAND'S MARKET AT
CONVENIENT FOOD MART NO. 3-039
8232 CHARDON ROAD
NPDES PERMIT NO.3PR00176
APPLICATION NO. OH0123374

Mr. Daniel Smith
8 North State Street
Painesville, OH 44077

Dear Mr. Smith:

On December 11, 2008, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) that serves the convenience store. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and to evaluate the facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit effluent limits.

At the time of inspection, the plant was producing an effluent with a satisfactory visual quality in that there was no evidence of solids, oil or grease. The following observations were noted:

- The flow equalization tank was filled with foam.
- The aeration tank contained some foam.
- The contents of the settling tank were turbid.
- The west filter bed was ponded. The east filter bed had sludge and vegetation on its surface. Once the west filter bed dries out, sludge in this bed and the east bed must be removed and disposed in a public landfill. Assurances must be made that the filter bed contains 18 inches of Ohio EPA approved filter sand. Approved filter sand consists of clean and washed sand with an effective size between 0.4 and 1.0 mm and a uniformity coefficient not greater than 3.0. The filter sand must be raked and evenly distributed across the surface area of the bed.
- The sludge holding tank was filled to the brim with wastewater. A portable pump with a hose was located on the ground adjacent to the tank. If this pump is used to lower the water level in the holding tank, this is not consistent with the approved design operation of the plant. Please comment.
- The plant ground within the confines of the gate is cluttered and poses a potential safety hazard to plant personnel. Any equipment that is not associated with the operation and maintenance of the plant, or is not being used should be removed from the area.

A review of the discharge monitoring reports (DMRs) submitted for Outfall 001, revealed the following effluent limitation violation for the period of November 2007 through November 2008.

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	80082	CBOD 5 day	30D Conc	10	11.	3/1/2008

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Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring or reporting requirements of your NPDES permit may be cause for enforcement pursuant to the Ohio Revised Code Chapter 6111.

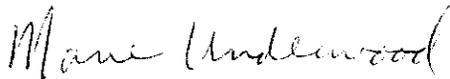
Pursuant to Ohio Administrative Code 3745-7-09, effective December 21, 2006, this Agency requires the owner and operator of record of a wastewater treatment plant to maintain operation and maintenance records for the wastewater treatment plant. The records shall be housed on site and shall be accessible for twenty-four hour inspection. On the day of inspection this writer found no operation and maintenance records in the mailbox that has been erected. The following information must be recorded and kept onsite:

1. Identification of the sewage treatment works;
2. Date and times of arrival and departure for the operator of record and any other operator required by this chapter;
3. Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage conveyed or effluent produced;
4. Results of tests performed and samples taken, unless documented on a laboratory sheet;
5. Performance of preventative maintenance and repairs or requests for repair of the equipment that affect or have the potential to affect the quality or quantity of sewage conveyed, effluent produced; and
6. Identification of the persons making entries.

Within 10 days of the date of this letter, you are directed to notify this office, in writing, outlining the corrective action, either actual or proposed, that will be taken to eliminate the above highlighted deficiencies.

Should you have any questions, please contact the undersigned at (330) 963-1183.

Sincerely,



Marie Underwood, P.E.
Environmental Engineer
Division of Surface Water

MU/mt