



State of Ohio Environmental Protection Agency

Northeast District Office

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

June 26, 2008

RE: LAKE COUNTY
KIRTLAND
KIRTLAND MOBILE HOME PARK
NPDES PERMIT NO. 3PV00074
APPLICATION NO. OH0111953

Mr. Victor Ayres
Kirtland Mobile Home Park
9735 Chillicothe Road
Kirtland, OH 44094

Dear Mr. Ayres:

On June 17, 2008, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) that serves the complex. 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 of satisfactory visual quality in that there was no evidence of suspended solids, floating debris or oil and grease. The following observations were noted:

- The aeration tank mixed liquor was brown in color indicating a balanced system.
- The settling tank trough had some sludge and algae blocking its entrance. The sludge and algae should be removed.
- The southern filter bed contained some sludge and sticks on its surface. Footprints were visible in the northern filter bed. Any vegetation, sludge or solids laden sand must be removed from the surface of the beds. Assurance must be made that 18 inches of Ohio EPA approved filter sand exists on the beds. Ohio EPA approved filter sand has a uniformity coefficient that does not exceed 3.0 and an effective sized of 0.4 mm - 1.0 mm. The filter sand of both beds must be raked and evenly distributed across the surface of the filter bed.
- The chlorinator contained chlorine tablets, as required.
- This writer could not verify that bisulfite tablets were in the dechlorinator. A key to the chlorine contact chamber lock must be kept on site and made available for the unannounced inspections that are frequently performed by this office. This office must be notified, writing, as to the location of the key.
- The sludge holding tank was in operation, aerating liquid sludge.

A review of the plant's Discharge Monitoring Reports revealed the following effluent limitation violations during the period of May 2007 to April 2008:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00300	Dissolved Oxygen	1D Conc	6.0	2.2	6/4/2007
001	00610	Nitrogen, Ammonia-NH3	30D Conc	3.0	3.35	4/1/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	5.	4/7/2008
001	00300	Dissolved Oxygen	1D Conc	6.0	4.7	4/14/2008

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Also, this Agency has not received the monthly operating reports for May 2008. As stated in Part III of your NPDES permit, monitoring data that is submitted electronically must be transmitted to Ohio EPA by the 20th day of the month following the month-of-interest. Monitoring data that is submitted in the hardcopy format on Ohio EPA 4500 report forms are to be received no later than the 15th day of the month following the month-of-interest.

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

This writer was unable to determine the location of the operation and maintenance record, required pursuant to Ohio Administrative Code (OAC) 3745-7-09 and described in this writer's letter dated June 5, 2007. Please notify this office, in writing, of the location of the operation and maintenance record. At a minimum, the log book must contain:

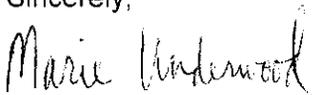
1. The identification of the sewage treatment works;
2. Date and times of arrival and departure for the operator of record and any other operator required by the administrative code.
3. Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of 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.

The administrative code must be carefully reviewed for information on all requirements.

Please inform this office, in writing, within ten (10) days of the date of this letter, as to the reasons for the above referenced violations and deficiencies, as well as a description of the actions taken or proposed to prevent any further violations. Your response should include the dates, either actual or proposed, for completion of the actions.

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

Sincerely,



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

MU/mt