



State of Ohio Environmental Protection Agency

Northeast District Office

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

February 17, 2009

RE: LAKE COUNTY
KIRTLAND
EDGEWOOD CONDOMINIUMS
OHIO NPDES PERMIT NO. 3PW00022
APPLICATION NO. OH0103098

Mr. David Ayres, President
Edgewood Condominiums
9257 Chillicothe Road
Kirtland, OH 44094

Dear Mr. Ayres:

On February 11, 2009, this writer conducted a compliance evaluation inspection of the sewage treatment plant serving the condominiums. 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 foam, solids, oil and grease. The following observations were noted:

- The aeration tank mixed liquor and sludge return line colors were light brown. Both the mixed liquor and sludge return line concentrations appeared low in activated sludge solids.
- The settling tank content was turbid.
- The southern filter bed was ponded with sludge. The northern bed had some sludge on its surface. Any vegetation and sludge solids must be removed from the surface of the beds. Each filter bed must contain 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 with an even distribution across the surface area of the filter bed. The filter beds must be routinely switched to maximize the performance of the filter beds.
- The lock on the fence around the surface sand filters was broken and in need of repair.
- Disinfection of the plant effluent is required from May 1st to October 31st. When the disinfection season starts, chlorination tablets must be placed in the chlorinator.
- The plant does not contain dechlorination facilities.

The highlighted deficiencies should be corrected immediately.

A review of the Discharge Monitoring Reports for Outfall 001, covering the period of February 2008 to December 2008 revealed the following effluent limitation violation:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	20.02	3/1/2008
001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.03	0.05289	3/1/2008
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	20.02	3/8/2008
001	00610	Nitrogen, Ammonia (NH3)	7D Qty	0.04	0.05289	3/8/2008

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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 onsite and shall be accessible for twenty-four hour inspection. The following information must be recorded:

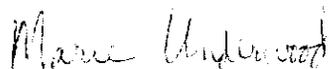
1. Identification of the sewage treatment works;
2. Date and times of arrival and departure for the operator of record and any other operator required by this chapter;
3. Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage conveyed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

Please review the administrative code carefully for information on all requirements. Edgewood Condominiums must immediately make provisions for onsite operation and maintenance records.

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 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