



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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www.epa.state.oh.us

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

December 19, 2007

RE: LAKE COUNTY
KIRTLAND
HILLTOP APARTMENTS
9125 CHILLICOTHE ROAD
NPDES PERMIT NO. 3PR00106
APPLICATION NO. OH0089877

Jill Dzina
1702 Joseph Lloyd Parkway
Willoughby OH 44094

Dear Ms. Dzina:

On December 18, 2007, this writer conducted an inspection of the wastewater treatment plant that serves the above referenced facility. The existing 20,000 gpd treatment plant consists of a trash trap, extended aeration plant, surface sand filter, chlorine contact chamber, sludge holding tank and sludge drying beds.

At the time of inspection, the plant was producing an effluent of satisfactory visual quality in that there was no evidence of oil, grease, or debris. All treatment units, with the exception of the sludge drying beds, were in operation. The following observations were noted:

1. The aeration tank was operating satisfactorily.
2. The settling tank water was turbid. The return sludge line to the northern aeration tank was somewhat clear and appeared to contain little activated sludge. The accumulated sludge in the settling tank should be gently scraped toward the hopper bottom to facilitate the suction of sludge into the sludge return line.
3. A significant amount of vegetation and leaves was observed on the surface of the south filter bed. The leaves and top layer of sludge laden sand must be removed and replaced with clean sand. Assurances 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 sand must be raked and evenly distributed across the surface of the filter bed.
4. Leaves, vegetation and trees are growing in the sludge beds. The sludge filter beds are a part of the treatment process and must be maintained. The leaves, vegetation and trees must be removed from the sludge drying beds and sand added to the beds in accordance the plant design.

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A review of the plant's self-monitoring report for the period of October 2006 through October 2007 revealed the following effluent violations for Outfall 001:

| Station | Reporting Code | Parameter | Limit Type | Limit | Reported Value | Violation Date |
|---------|----------------|------------------------|------------|-------|----------------|----------------|
| 001 | 00530 | Total Suspended Solids | 30D Conc | 12 | 15. | 9/1/2007 |

The review revealed no frequency violations for the period of October 2006 through October 2007.

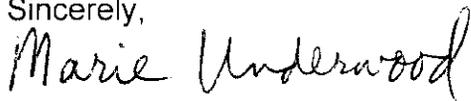
Please be advised that failure to comply with the effluent limitations or to satisfy the monitoring, reporting, or compliance scheduling requirements of your NPDES permit may be cause for enforcement pursuant to the Ohio Revised Code Chapter 6111.

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. Some of the information that must be recorded includes the identification of the treatment works, date and times of arrival and departure for the operator of record, specific operation and maintenance activities that affect the quality or quantity of sewage or effluent produced, results of tests performed and samples taken, performance of preventative maintenance and repairs, and identification of the persons making the entries. In addition, the administrative code requires any owner of a sewage treatment works who enters into a contract with a certified operator to maintain a copy of the contract onsite at the treatment works. Please carefully review Ohio Administrative Code 3745-7-09 for information on all requirements. The code can be accessed at: <http://www.epa.state.oh.us/dsw/rules/effectiverules.html>.

Please inform this office, in writing, within ten days, the reason for the above referenced violations, as well as a description of the actions taken to prevent any further violations. Your response should include proposed dates for completion of the actions.

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

Sincerely,



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

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