



State of Ohio Environmental Protection Agency

Northeast District Office

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

May 29, 2008

RE: LAKE COUNTY
PAINESVILLE TOWNSHIP
SPRING LAKE MOBILE HOME PARK
NPDES PERMIT NO. 3PV00120
APPLICATION NUMBER OH0134694

Mrs. Helen Bales
Spring Lake Mobile Home Park
11 Huntington Road
Painesville, OH 44077

Dear Mrs. Bales:

On May 21, 2008 this writer conducted a compliance evaluation inspection of the wastewater treatment plant that serves the above referenced facility. 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 a turbid effluent of marginal visual quality. All treatment units were in operation. The following observations were noted:

- The content of the flow equalization tank was being aerated, as required.
- The aeration tank wastewater was chocolate brown in color. The return sludge was also chocolate brown in color.
- An excessive amount of sludge was on the surface of the settling tank. Sludge was also blocking the effluent weir. Consideration should be given to adjusting the sludge return rate or the sludge wasting rate.
- Both filter beds were ponded with sludge. When the filter beds drain, the sludge and the sludge laden sand must be removed from the surfaces of the beds and replaced with clean sand. Assurances must be made that 18 inches of Ohio EPA approved filter sand exists on both beds. Ohio EPA approved filter sand has a uniformity coefficient that does not exceed 3.0 and an effective size of 0.4 mm - 1.0 mm. The sand must be raked and evenly distributed across the surface of the filter bed.
- The chlorine contact chamber chlorinator was lying on its side and contained no chlorine tablets. The dechlorinator contained no sulfite tablets. ***Disinfection of the plant effluent is required from May 1st to October 31st. Chlorination tablets and dechlorination tablets must be placed in the chlorinator and dechlorinator, respectively.***
- The chlorine contact chamber contained an excessive amount of grass clippings. Care must be taken when mowing around the plant, to prevent grass from entering the tank.

The above referenced deficiencies must be corrected immediately.

A review of the monthly operating reports since the previous inspection of April 2007 to April 2008 revealed the following effluent limitation violations:

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Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia-NH3	7D Conc	4.5	28.63	3/22/2008
001	00610	Nitrogen, Ammonia-NH3	30D Conc	3.0	28.63	3/1/2008
001	00610	Nitrogen, Ammonia-NH3	7D Conc	1.5	7.42	8/22/2007
001	00610	Nitrogen, Ammonia-NH3	30D Conc	1.0	7.42	8/1/2007
001	80082	CBOD- 5 day	30D Conc	10	12.	8/1/2007

On the discharge monitoring reports, the average daily design flow continues to be reported for the estimated daily flow. This is not acceptable. *Acceptable methods for calculating the estimated flow at the plant are, in order of preference: 1) elapsed time meters on sand filter dosing pumps; 2) elapsed time meters on influent pumps; or 3) water use records.*

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.

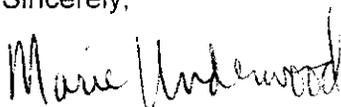
Also, please inform this writer of the location of the operation and maintenance records for the wastewater treatment plant. Pursuant to Ohio Administrative Code 3745-07-09, the records must be kept onsite and must contain, as a minimum, the following information:

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.

Within 10 days of the date of this letter, you are required 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