



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.  
Twinsburg, Ohio 44087

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www.epa.state.oh.us

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

February 27, 2009

RE: LAKE COUNTY  
KIRTLAND  
KIRTLAND SHOPPING CENTER  
NPDES PERMIT # 3PR00152  
APPLICATION NO. OH0103101

Mr. Charles Andrews  
35110 Euclid Avenue  
Willoughby, OH 44094

Dear Mr. Andrews:

On February 25, 2009, a compliance evaluation inspection of the sewage treatment plant serving the Kirtland Shopping Center was conducted by this office. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the National Pollutant Discharge Elimination System (NPDES) permit.

At the time of inspection the plant was producing an effluent containing no visual evidence of solids, debris, or oil and grease. The following observations were noted:

- The aeration plant was in operation. The aeration tank mixed liquor was brown. The return sludge line and skimmer line were in operation.
- The north filter bed was ponded with frozen wastewater. The discharge end of the filter arm was immersed in the frozen wastewater. The south filter bed was not in use. Use of the filter beds should be switched. Once the weather permits, any sludge, sludge laden sand or vegetation must be removed and replaced with clean Ohio EPA approved 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 size of 0.4 mm - 1.0 mm. The sand must be raked and evenly distributed across the surface of the filter bed.
- The disinfection season is May 1<sup>st</sup> through October 31<sup>st</sup>. During this time chlorine tablets and sulfite tablets must be added to the chlorinator and dechlorinator, respectively.

A review of the monthly operating reports covering February 2008 through January 2009 revealed no effluent limitation violations.

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. The following information must be recorded and kept on site:

Mr. Charles Andrews  
Kirtland Shopping Center  
February 27, 2009  
Page 2

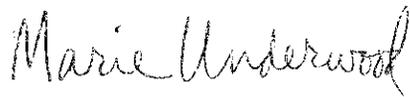
1. Identification of the sewage treatment works;
2. Date and times of arrival and departure for the operator of record and any other operator required by this chapter;
3. Specific operation and maintenance activities that affect or have the potential to affect the quality or quantity of sewage conveyed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

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