



John R. Kasich, Governor
 Mary Taylor, Lt. Governor
 Scott J. Nally, Director

August 5, 2013

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 August 1, 2013, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) that serves the mobile home park. The purpose of the inspection was to evaluate the WWTP's operation and maintenance condition, and the facility's compliance with National Pollutant Discharge Elimination System (NPDES) permit.

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 extended aeration plant was in operation. The aeration tank mixed liquor was brown in color, typical of activated sludge plants. The return sludge line was discharging a brown activated sludge. The skimmer discharge line was in operation. The settling tank had some chunks of sludge on its water surface.
- The filter beds were operating. A light amount of sludge was on the surface of the north filter bed.
- Flaking of concrete on some of the filter bed walls was evident, exposing the concrete blocks. The filter bed walls must be waterproofed.
- The chlorinator and dechlorinator contained chlorine tablets and sulfite tablets, respectively.
- The sludge holding tank was in operation, aerating the wasted sludge as required.
- The operation and maintenance log book was satisfactory.
- Soil erosion was evident in the vicinity of the chlorine contact chamber. Steps should be taken to reduce the erosion so that the chlorine contact chamber will not be impacted in the future.

A review of the plant's Discharge Monitoring Reports revealed the following effluent limitation violations during the period of April 2012 through June 2013:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	24.5	4/1/2012
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	24.5	4/1/2012
001	80082	CBOD 5 day	30D Conc	10	12.7	4/1/2012

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00400	pH	1D Conc	6.5	6.3	5/1/2012
001	00400	pH	1D Conc	6.5	6.	6/5/2012
001	00400	pH	1D Conc	6.5	5.7	7/3/2012
001	00400	pH	1D Conc	6.5	5.7	8/7/2012
001	00400	pH	1D Conc	6.5	5.6	9/4/2012
001	00400	pH	1D Conc	6.5	6.2	10/2/2012
001	50060	Chlorine, Total Residual	1D Conc	0.019	.25	6/18/2013
001	00400	pH	1D Conc	6.5	6.3	6/4/2013

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.

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 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/cs