



**Environmental  
Protection Agency**

**John R. Kasich, Governor**

**Mary Taylor, Lt. Governor**

**Scott J. Nally, Director**

June 22, 2012

RE: LAKE COUNTY  
KIRTLAND  
PENITENTIARY GLEN  
NPDES PERMIT NO. 3PR00375  
APPLICATION NO. OH0134643

Paul Palagyi  
Interim Executive Director  
Lake Metroparks  
11211 Spear Road  
Painesville, OH 44077

Dear Mr. Palagyi:

On June 19, 2012, this writer conducted a compliance evaluation inspection of the wastewater treatment plant (WWTP) that serves Penitentiary Glen. 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 extended aeration plant was producing an effluent free of oil & grease, solids or debris. The following observations were made:

- The trash trap was full and in need of pumping.
- The aeration tank was in operation. The mixed liquor suspended solids was dark brown. The return sludge line discharge was brown. The skimmer line was not discharging and may be plugged. The settling tank content was turbid with chunks of sludge floating on its surface. The sludge return rate or wasting rate may need adjusting. Please consult with your operators of record.
- The condition of the filter beds was satisfactory. The west bed was in operation.
- The chlorinator contained chlorine tablets, as required.
- The dechlorinator contained sulfite tablets, as required.
- The pathway between the end of the wetlands to the final tank was overgrown with vegetation. This pathway must be cleared.
- The operation and maintenance log books are satisfactory. The operation and maintenance log book for the Class II operator of record (ORC) is located in tubing attached to the fence. The log book for the Class A ORCs is located inside the tool shed.

Any deficiencies highlighted above should be addressed as soon as possible.

A review of the Discharge Monitoring Reports covering November 2010 through May 2012 revealed the following effluent limitation violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	6.58	3/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.58	3/22/2011
001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	10.22	6/1/2011
001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	10.22	6/22/2011

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.

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 regarding this letter, please contact the undersigned at (330) 963-1183.

Sincerely,



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

MU/cs

cc: Andrew Baker, Lake Metroparks Administrator