



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

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

July 23, 2007

RE: PARADISE LAKE PARK
6940 ROCHESTER ROAD
NPDES PERMIT NO. 3PR00325
WEST TWP.
COLUMBIANA COUNTY

Mr. Luke Perry
Park Manager
6940 Rochester Road
East Rochester, OH 44625

Dear Mr. Perry:

On June 19, 2007, this writer conducted an inspection of the wastewater treatment plant for the Paradise Lake Park. The intent of the inspection was to evaluate operations and maintenance of the system for the drafting of the new permit. The following are findings from the inspection.

1. The trash trap was inspected and appeared satisfactory.
2. The aeration tank was a weak brown color. The normal color is a dark chocolate brown color. This could be due to the Recreational Vehicle waste being dumped at the plant. Residents of the park have their tanks cleaned by truck and dumped at the head of the wastewater treatment plant. This practice will shock the treatment plant with a heavy organic and septic wastewater. In order to equalize out the influent flow to the plant an aerated flow equalization tank must be installed after the trash trap. Construction of the equalization tank will be added to the new permit's schedule. A phone conversation with you on July 19, 2007, revealed that the septage waste was currently being hauled to the Alliance Wastewater Treatment Plant. This would be an acceptable alternative to discharging to the park's wastewater treatment plant.
3. The settling tank was also a light tan color and the effluent contained some minor pin floc.
4. One half of the surface sand filter was plugged with solids and duck weed was growing inside. The other half of the surface sand filter was covered in weeds and needs to be cleaned. The heavy solid on the filter indicates the settling tank is not removing solids efficiently. Any sludge or solids removed from the sand filters needs to be placed in a dumpster and disposed at a licensed solid waste landfill.
5. The chlorine contact tank needed cleaned and the tablet chlorinator needed to be piped back to the head of the chlorine contact tank.

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6. A review of the monthly operating reports for the period of January 2004 through May 2007 revealed several discharge violations. These violations are attached to the end of this letter. It was also noted that no monthly operating reports were submitted for the period of May 2005 through December 2006. There were also no reports submitted for May and June 2007. Failure to sample and violations of permit effluent limits are considered a violation of Ohio Revised Code 6111.07 AND are subject to enforcement action per Ohio Revised Code 6111.99.
7. The treatment plant does not have an aerated sludge holding tank. A sludge holding tank would enable you to waste sludge from the treatment system on a regular basis and prevent solids from by-passing to the sand filters. Along with the flow equalization tank the new NPDES permit will have a schedule for the installation of a sludge holding tank. These two units will improve plant operations and allow for continued compliance with the NPDES permit.
8. Photographs of the inspection are attached to the end of this letter.

By August 3, 2007, please respond in writing what your proposed course of action will be to correct the above deficiencies. The letter needs to include a timeframe to complete the above listed modifications to the wastewater treatment plant.

You may contact this office at (330) 963-1193 to discuss any questions you may have.

Respectfully,

Joseph E. Trocchio, P.E.
Environmental Engineer
Division of Surface Water

JET/mt

enclosures

cc: Lori J. Barnes, Columbiana County Health Dept.
Firl Byers, Operator

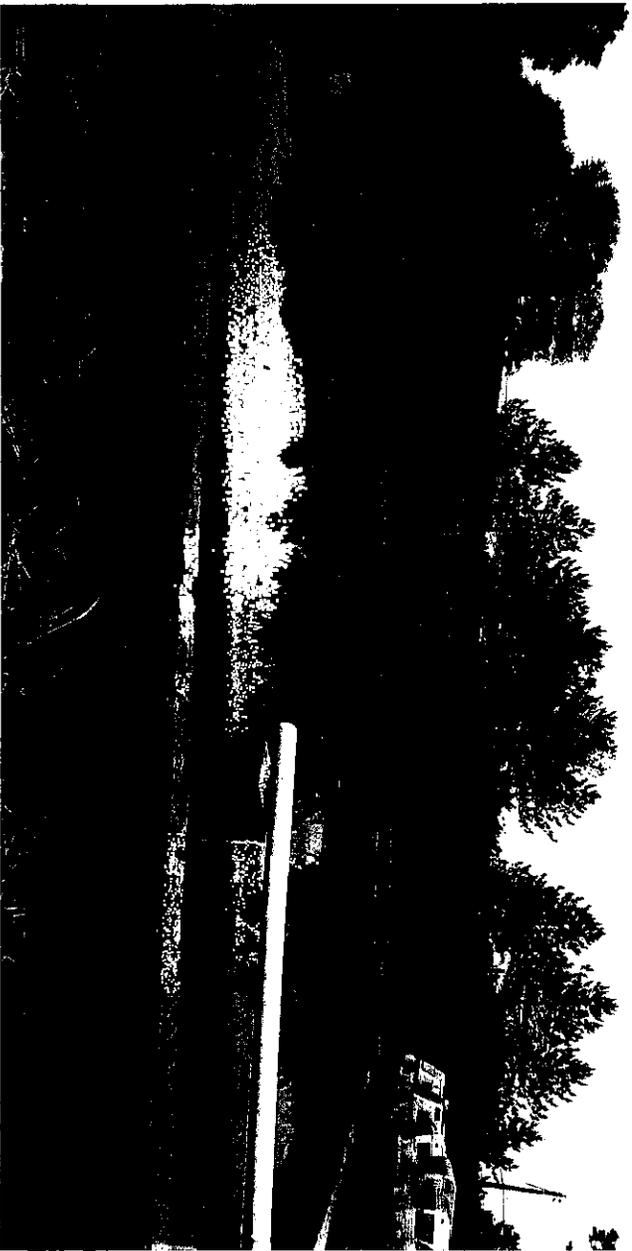
ec: Ronald Bell, Enforcement Coordinator, Ohio EPA, DSW, NEDO

File: Semipublic/Columbiana County/West Township/Paradise Lake Park

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2004	001	Dissolved Oxygen	1D Conc	6.0	5.1	6/11/2004
March 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.758	3/1/2007
January 2007	001	Dissolved Oxygen	1D Conc	6.0	5.08	1/18/2007
January 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.392	1/1/2007
April 2007	001	Dissolved Oxygen	1D Conc	6.0	5.85	4/25/2007
April 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.721	4/1/2007
July 2004	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.1	7/1/2004
February 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.66	2/1/2007



AERATION TANK A WEAK LIGHT BROWN COLOR



SAND FILTER PONDED AND COATED WITH SLUDGE



ONE FILTER PLUGGED THE OTHER IS COVERED IN VEGETATION