



State of Ohio Environmental Protection Agency

Northeast District Office

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Twinsburg, Ohio 44087

TELE: (330) 963-1200 FAX: (330) 487-0769
www.epa.state.oh.us

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

July 11, 2008

RE: LAKE COUNTY
WILLOUGHBY HILLS
MANAKIKI GOLF COURSE
35501 EDDY ROAD
NPDES PERMIT NO.3PQ00000
APPLICATION NO. OH0123714

NOTICE OF VIOLATION

Mr. William Davis, Park Manager
Cleveland Metroparks
3037 S.O.M. Center Road
Willoughby Hills, OH 44094

Dear Mr. Davis:

On July 10, 2008, this writer conducted a compliance evaluation inspection of the sewage treatment plant serving the Manakiki Golf Course. 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 an effluent free of solids, oil or grease. The following observations are noted:

- The surge tank content was being aerated, as required by design. The bushes adjacent to the tank are overgrown blocking the sides of the tank. The bushes should be cut back to prevent interference with plant operation and maintenance.
- The aeration tank mixed liquor was brown, indicating a balanced system.
- The settling tank content appeared turbid. Some sludge chunks were apparent on the surface of the tank and in the effluent trough. No skimmer discharge was being returned to the aeration tank. The skimmer level was set too high. The skimmer level should be adjusted and set at the level of the water surface.
- The rapid sand filters were in operation.
- The sludge holding tank was aerating sludge, as required.
- The chlorine contact tank contained chlorine tablets and dechlorination tablets, as required.

A review of the discharge monitoring reports, covering the period December 2006 through March 2008 revealed no effluent limitation violations.

This Agency has not received the discharge monitoring reports for April 2008 and May 2008. As stated in Part III of your NPDES permit, monitoring data that is submitted electronically must be transmitted to Ohio EPA by the 20th day of the month following the month-of-interest. Monitoring data that is submitted in the hardcopy format on Ohio EPA 4500 report forms are to be received no later than the 15th day of the month following the month-of-interest.

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.

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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. Some of the information that must be recorded includes the identification of the treatment works, date and times of arrival and departure for the operator of record, specific operation and maintenance activities that affect the quality or quantity of sewage or effluent produced, results of tests performed and samples taken, performance of preventative maintenance and repairs, and identification of the persons making the entries. Please review the administrative code carefully for information on all requirements.

Your existing NPDES permit expires September 30, 2010. As stated in his letter dated May 4, 2006, Mr. Richard J. Kerber, P.E., Director of Planning, Design and Natural Resources at the Cleveland Metroparks, has committed to connecting Manakiki Golf Course (in addition to the North Chagrin Operations Center) to the public sanitary sewer that currently exists on Eddy Road. The connection is to occur prior to the expiration date of the NPDES permit. The Manakiki wastewater treatment plant must be abandoned and demolished once the connection has been completed. Ohio EPA must be notified in writing when the connection and demolition have occurred, so that the NPDES permit can be revoked.

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

cc: Richard J. Kerber, P.E., Director of Planning, Design and Natural Resources