



State of Ohio Environmental Protection Agency

Northeast District Office

2110 East Aurora Rd.
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

January 24, 2008

RE: LAKE COUNTY
GARY L. KRON WATER
RECLAMATION FACILITY
O & M INSPECTION
NPDES PERMIT NO. OH0043559
OEPA PERMIT NO. 3PK00033

Mr. Gary Long
Director of Wastewater Operations
Lake County Department of Utilities
Administration Center
105 Main Street, P.O. Box 490
Painesville, OH 44077

Dear Mr. Long:

On January 8, 2008, this writer conducted an operation and maintenance inspection of the wastewater treatment plant serving the Gary L. Kron Water Reclamation Facility. Mr. Thomas Furlong, Superintendent and Mr. Robert Shelby, Assistant Superintendent accompanied this writer during the inspection.

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. General operation and maintenance of the grounds, processes and equipment were satisfactory.

During the inspection this writer was shown the location of the effluent pipe permanent marker. At this time, this office has no further requirements regarding the location of the marker.

This office has received several Sanitary Sewer Overflow (SSO) 5-day Follow Up Reports for 2007. As stated in Part II, Item E of the NPDES permit, please submit to this office, by March 31, 2008, two copies of an annual report of all SSO's in the collection system.

A review of the Monthly Operating Reports covering the period of February 2006 through November 2007 revealed the following effluent limitation violations:

Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
001	31616	Fecal Coliform	7D Conc	400	425.989	10/15/2006
001	61942	pH, Minimum	1D Conc	6.5	6.0	7/17/2006
001	00665	Phosphorus, Total (P)	30D Conc	1.0	1.1	9/1/2007
001	31616	Fecal Coliform	30D Conc	200	322.927	10/1/2007
001	31616	Fecal Coliform	7D Conc	400	766.448	10/1/2007
001	31616	Fecal Coliform	7D Conc	400	1023.70	10/8/2007

A review of the Monthly Operating Reports covering the period of February 2006 through November 2007 revealed the following frequency violations:

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Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	00665	Phosphorus, Total (P)	2/Week	2	1	02/01/2006
001	01079	Silver, Total Recover	1/2Weeks	1	0	05/15/2006
001	61942	pH, Minimum	1/Day	1	0	09/01/2006
001	61942	pH, Minimum	1/Day	1	0	09/02/2006
001	61942	pH, Minimum	1/Day	1	0	09/03/2006
001	61942	pH, Minimum	1/Day	1	0	09/04/2006
001	61942	pH, Minimum	1/Day	1	0	09/05/2006
001	61942	pH, Minimum	1/Day	1	0	09/06/2006
001	61942	pH, Minimum	1/Day	1	0	09/07/2006
001	61942	pH, Minimum	1/Day	1	0	09/08/2006
001	61942	pH, Minimum	1/Day	1	0	09/09/2006
001	61942	pH, Minimum	1/Day	1	0	09/10/2006
001	61942	pH, Minimum	1/Day	1	0	09/11/2006
001	61942	pH, Minimum	1/Day	1	0	09/12/2006
001	61942	pH, Minimum	1/Day	1	0	09/13/2006
001	61942	pH, Minimum	1/Day	1	0	09/14/2006
001	61942	pH, Minimum	1/Day	1	0	09/15/2006
001	61942	pH, Minimum	1/Day	1	0	09/16/2006
001	61942	pH, Minimum	1/Day	1	0	09/17/2006
001	61942	pH, Minimum	1/Day	1	0	09/18/2006
001	61942	pH, Minimum	1/Day	1	0	09/19/2006
001	61942	pH, Minimum	1/Day	1	0	09/20/2006
001	61942	pH, Minimum	1/Day	1	0	09/21/2006
001	61942	pH, Minimum	1/Day	1	0	09/22/2006
001	61942	pH, Minimum	1/Day	1	0	09/23/2006
001	61942	pH, Minimum	1/Day	1	0	09/24/2006
001	61942	pH, Minimum	1/Day	1	0	09/25/2006
001	61942	pH, Minimum	1/Day	1	0	09/26/2006
001	61942	pH, Minimum	1/Day	1	0	09/27/2006
001	61942	pH, Minimum	1/Day	1	0	09/28/2006
001	61942	pH, Minimum	1/Day	1	0	09/29/2006
001	61942	pH, Minimum	1/Day	1	0	09/30/2006
601	61942	pH, Minimum	1/Day	1	0	12/01/2006
001	00665	Phosphorus, Total (P)	2/Week	2	1	02/22/2007
581	51129	Sludge Fee Weight	1/Month	1	0	06/01/2007
584	51129	Sludge Fee Weight	1/Month	1	0	06/01/2007
581	51129	Sludge Fee Weight	1/Month	1	0	07/01/2007
584	51129	Sludge Fee Weight	1/Month	1	0	07/01/2007
581	51129	Sludge Fee Weight	1/Month	1	0	08/01/2007
584	51129	Sludge Fee Weight	1/Month	1	0	08/01/2007
001	01119	Copper, Total Recov	1/2Weeks	1	0	08/15/2007
581	51129	Sludge Fee Weight	1/Month	1	0	09/01/2007
584	51129	Sludge Fee Weight	1/Month	1	0	09/01/2007
001	01119	Copper, Total Recov	1/2Weeks	1	0	09/15/2007
581	51129	Sludge Fee Weight	1/Month	1	0	10/01/2007
584	51129	Sludge Fee Weight	1/Month	1	0	10/01/2007

Station	Reporting Code	Parameter	Sample Frequency	Expected	Reported	Violation Date
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/01/2007
581	51129	Sludge Fee Weight	1/Month	1	0	11/01/2007
584	51129	Sludge Fee Weight	1/Month	1	0	11/01/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/02/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/03/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/04/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/05/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/06/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/07/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/08/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/09/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/10/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/11/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/12/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/13/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/14/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/15/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/16/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/17/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/18/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/19/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/20/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/21/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/22/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/23/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/24/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/25/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/26/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/27/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/28/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/29/2007
001	00610	Nitrogen, Ammonia (NH3)	1/Day	1	0	11/30/2007

If any of the MOR frequency violation data is available, this office requires that you immediately resubmit the MOR data. When MOR data is submitted electronically, you should check the Ohio EPA Web site three days after submitting the data, to ensure that the MOR data was correctly downloaded via SWIMware to our system. If you would like additional information about SWIMware, please call the Help Line at (614) 644-2050, and support staff will return your call as soon as possible.

If you are not using SWIMware, immediately submit to this Agency, a hard copy of the MOR data on the 4500 Form.

Be advised that failure to comply with the effluent limitations or to satisfy monitoring, reporting, or compliance scheduling requirements of your NPDES permit may be cause for enforcement pursuant to the Ohio Revised Code Chapter 6111.

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Please inform this office, in writing, within ten (10) days of receipt of this notification as to the reasons for the above referenced violations, as well as a description of the actions taken or proposed to prevent any further violations. Your response should include the dates, either actual or proposed, for completion of the actions.

Should you have any questions, please contact the undersigned at (330) 963-1183.

Sincerely,

A handwritten signature in cursive script that reads "Marie Underwood".

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

MU/mt

cc: Thomas Furlong, Superintendent GLKWRF