



Environmental
Protection Agency

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

November 10, 2011

Stephen Arter, Owner
Wyandot Golf Course
3032 Columbus Road
Centerburg, OH 43011

Re: **Wyandot Golf Course**
NPDES Permit 4PX00035/ OH0124184
Reconnaissance Inspection
Knox County
Notice of Violation

Dear Mr. Arter:

This correspondence serves as Notice of Violation for non-compliance with effluent limits at the wastewater treatment plant serving the Wyandot Golf Course in Knox County.

On October 19, 2011, a Reconnaissance Inspection was conducted at the treatment plant. Present for the inspection were Bryan Arter and Paul Howard representing Wyandot Golf Course and myself of the Ohio EPA, Central District Office, Division of Surface Water. The purpose of the inspection was to evaluate the status of efforts to resolve issues of non-compliance with the effluent limits in your effective National Pollutant Discharge Elimination System (NPDES) permit. This facility is currently in Significant Non-Compliance (SNC) due to the frequency and magnitude of ammonia violations.

The operator anticipates that efforts to increase solids inventories in the plant and reduce inflow will be successful and the facility will return to compliance with ammonia limits. Please be advised that in order to be removed from the SNC list you must maintain compliance with all ammonia limits for two successive quarters.

If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3848 or e-mail at mike.sapp@epa.ohio.gov.

Sincerely,

Mike Sapp
Environmental Specialist
Field Operations Unit
Division of Surface Water
Central District Office

MS/nsm Wyandot GC 11

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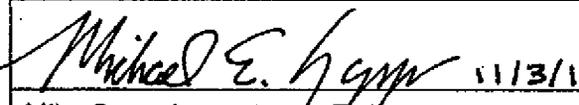
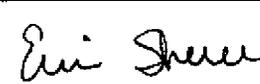
NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PX00035	OH0124184	RI	S	Semi-Public
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
10/19/2011	1:00 PM	1:45 PM	Yes	Yes

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Wyandot Golf Course 3032 Columbus Road Centerburg, Ohio 43011	11/1/2009
	Permit Expiration Date
	10/31/2014
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Bryan Arter, Class A Operator	(740) 625-5370
Paul Howard, Class II Operator	(419) 560-1870
Name and Title of Responsible Official	Phone Number
Stephen Arter, Owner	(740) 625-5370

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
S	NPDES Compliance	
S	Operations & Maintenance	
M	Facility Site Review	Surface drainage entering plant through trash trap
S	Collection System	
S	Flow Measurement	
U	Receiving Waters	Significant non-compliance with ammonia limits
S	Laboratory	

Comments:

Signatures	
 11/3/11	 11/4/11
Mike Sapp, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office

ADDITIONAL INFORMATION
Wyandot Golf Course
4PX00035

General

The wastewater treatment plant serving the Wyandot Golf Course has a design treatment capacity of 1,000 gpd with a discharge to a golf course pond which overflows to an unnamed tributary to Culver Creek. Wet stream process provided at the facility include a trash trap, extended aeration, clarification, tertiary dosing tank, tertiary sand filtration, chlorination and dechlorination. Liquid sludge is hauled to another POTW for further processing; solids removed from the sand filters are disposed of in a dumpster.

1. At the time of the inspection, the following general observations were made with respect to the operational practices at the plant:

- The aeration tank appeared somewhat thin with respect to MLSS solids concentrations.
- The average daily flow at this facility is estimated at 200 gpd.
- Flows are estimated based on readings taken from the hour meters on the tertiary dosing pumps.
- 30-minute settleability tests are performed to determine when wasting is necessary.
- Bryan Arter, a class A operator, is the operator of record for this facility.
- Paul Howard, a class III operator, helps oversee the operations at the plant.
- MASI is performing all of the lab work with the exception of dissolved oxygen, chlorine and temperature which are analyzed by the operators.
- The aeration blowers are run full-time.
- A grease trap is installed at the clubhouse; however, very little cooking or food prep is currently being performed.
- Chlorine is being added at the distribution box for the sand filters and dechlor tablets are added at the chlorine contact tank.

2. The attached table contains a list of NPDES permit violations since the last inspection was conducted in September 2010. The operator attributed the June 2011 suspended solids and chlorine violations to a problem with the outfall pipe. The effluent pipe was surcharged from the receiving pond causing pond water to be present in the effluent sample. The operator has since remove debris from this area and extended the pipe out further from the bank.

Ammonia violations in June and August 2011 were of a sufficient magnitude so as to result in the placement of this facility on the Significant Non-compliance list. Please be advised that in order to be removed from the SNC list you must maintain compliance with all ammonia limits for two successive quarters. The operator anticipates that efforts to increase solids inventories in the plant and reduce inflow will be successful and the facility will return to compliance with ammonia limits.

3. The treatment plant is located on the north side of a large parking in a low lying area adjacent to a pond. During the inspection, run-off from a rain event was observed to be flowing into the lid of the trash trap. I would recommend that a French drain or some other sort of drainage device be installed to direct surface run-off away from the treatment plant.

Compliance Data for Wyandot Golf Course between 9/1/2010 to 9/30/2011

Summary

Permit Effluent Limit Violations: 11
 Permit Effluent Code Violations: 0
 Permit Effluent Frequency Violations: 1
 Compliance Schedule Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2011	001	Total Suspended Solids	30D Conc	12	16.	6/1/2011
June 2011	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	11.5	6/1/2011
June 2011	001	Nitrogen, Ammonia (NH3)	30D Qty	0.0038	.00871	6/1/2011
June 2011	001	Fecal Coliform	30D Conc	1000	10000.	6/1/2011
June 2011	001	CBOD 5 day	30D Conc	10	15.	6/1/2011
June 2011	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	11.5	6/15/2011
June 2011	001	Nitrogen, Ammonia (NH3)	7D Qty	0.0057	.00871	6/15/2011
June 2011	001	Fecal Coliform	7D Conc	2000	10000.	6/15/2011
June 2011	001	Chlorine, Total Residu	1D Conc	0.038	.16	6/20/2011
August 2011	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	2.1	8/1/2011
August 2011	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	2.1	8/8/2011

Frequency Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
December 2010	001	Nitrogen, Ammonia (NH3)	1/Quarter	1	0	12/01/2010