

**Environmental
Protection Agency**

ed Strickland, Governor
Lee Fisher, Lt. Governor
Chris Kufeski, Director

May 25, 2010

Ms. Anne Brienza, Director
2732 County Road 11
Bellefontaine, Ohio 43311

**RE: YMCA Camp Wilson Notice of Violation / Reconnaissance Inspection,
NPDES Permit No. 1PR00052*CD/OH0046451, Logan County**

Dear Ms. Brienza:

On May 20, 2010 Ohio EPA representative Joe Reynolds inspected the waste water treatment system at the YMCA Camp Wilson. This inspection was conducted as part of the National Pollutant Discharge Elimination System (NPDES) renewal process.

The inspection report is attached for your review. There are no items that require a response at this time.

If you have any questions regarding the report, please feel free to contact Mr. Reynolds at (937) 285 - 6097.

Sincerely,



Martyn Burt
Compliance Supervisor
Division of Surface Water

cc: Logan County Health Department
John Dickerson, YMCA Camp Wilson





State of Ohio Environmental Protection Agency
Southwest District Office

NPDES Compliance Inspection Report

Section A: National Data System Coding					
Permit #	NPDES#	Month/Day/Year	Inspection Type	Inspector	Facility Type
1PR00052*CD	OH0046451	5/20/2010	R	S	2

Section B: Facility Data		
Name and Location of Facility Inspected	Entry Time	Permit Effective Date
YMCA Camp Wilson 2732 County Road 11 Bellefontaine, Ohio	9:45AM	10/1/2005
	Exit Time	Permit Expiration Date
	10:51PM	9/30/2010
Name(s) and Title(s) of On-Site Representatives	Phone Number(s)	
Charlie Knotts, Operator of Record (Class III) John Dickerson, Operator in Training (Class I)	(937) 593 - 9095 (937) 593 - 9001	
Name, Address and Title of Responsible Official	Phone Number	
Anne Brienza, Director 2732 County Road 11 Bellefontaine, Ohio 43311	(937) 593 - 9001	

Section C: Areas Evaluated During Inspection					
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)					
S	Permit	S	Flow Measurement	N	Pretreatment
S	Records/Reports	N	Laboratory	N	Compliance Schedule
M	Operations & Maintenance	S	Effluent/Receiving Waters	S	Self-Monitoring Program
S	Facility Site Review	S	Sludge Storage/Disposal	N	Other
N	Collection System				

Section D: Summary of Findings (Attach additional sheets if necessary)

See attached report.

Inspector	Reviewer
 Joe Reynolds Division of Surface Water Southwest District Office Date: 5/25/10	 Martyn Burt Compliance & Enforcement Supervisor Division of Surface Water Southwest District Office Date: 5/25/10

Inspection Findings

The YMCA Camp Wilson currently holds National Pollutant Discharge Elimination System (NPDES) permit number 1PR00052*CD, OH0046451. This permit expires September 30, 2010. An NPDES permit renewal application was received on April 2, 2010.

As part of the NPDES permit renewal the camp will have to begin monitoring for E-coli bacteria. Additionally, the plant classification will change from Class 1 to Class A. Finally, an outfall sign which includes the following information will need to be installed near the final outfall structure:

The marker shall consist at a minimum of the name of the establishment to which the permit was issued, the Ohio EPA permit number, and the outfall number and a contact telephone number. The information shall be printed in letters not less than two inches in height. The marker shall be a minimum of 2 feet by 2 feet and shall be a minimum of 3 feet above ground level. The sign shall not be obstructed such that persons in boats or persons swimming on the lake or someone fishing or walking along the shore cannot read the sign. Vegetation shall be periodically removed to keep the sign visible. If the outfall is normally submerged the sign shall indicate that. When an existing marker is replaced or reset, the new marker shall comply with the requirements of this section.

The YMCA Camp Wilson waste water system consist of a trash trap, flow equalization, extended aeration, clarification, tertiary sand filters, chlorination / dechlorination / post aeration, and sludge holding.

Charlie Knotts is the Operator of Record. Daily operations are performed by John Dickerson. Mr. Knotts is maintaining an operators log in accordance with Ohio Administrative Code 3745 - 7 - 09, "Recordkeeping requirements and responsibilities of a certified operator."

A review of Electronic Discharge Monitoring Date from January 1, 2009 - through March, 2010 identified one final effluent CBOD5 violation.

Facility Inspection

There are two main sewers lines that enter the plant. Both enter a trash trap preliminary treatment system.

The sewers at the camp consist of old clay tile and some PVC in newer parts. The old clay does contribute some infiltration and inflow. Flow surges have been noted during heavy rain events.

From the trash trap flow enters a flow equalization tank. The tank had vigorous mixing. A separate blower is being used to mix the tank. Two pumps (one lead and one high flow) are used to direct flow to the equalization splitter box. A sliding weir is used to regulate the amount of flow that is being sent to the aeration system.

The aeration system was being mixed uniformly. The mixed liquor was a dark brown. The return was dark brown. The return line had to be repaired earlier in the week (line broke at one of the junctions). One blower is being used to provide air to the system. A back-up blower is stored on-site.

The clarifier had some pin floc solids rising in it. The effluent was clear.

From the clarifier flow enters the tertiary sand filters dosing tank. The dosing tank, sand filters, chlorination / dechlorination / post aeration systems are located in a separate place, closer to Silver Lake. Clarifier effluent flows by gravity to this part of the treatment system.

The sand filter dosing tank has two pumps. An elapsed time meter is used to estimate flows based upon pump run times.

The plant has two tertiary filters. The filter in use was clean, minor solids / vegetative growth. The filter off -line had dark solids on most of its surface.

Both the chlorination and dechlorination systems are tablet systems. Tablets were present in both systems.

The final effluent to Silver Lake was clear. There were some bisulfate solids in the effluent. The solids entered the effluent when the dechlorination tube was removed to verify tablets were present.

A portable generator is available to provide back-up power to the system. The camp has had good success with DP&L restoring power in short periods of time.

Waste solids are hauled by Mike's Sanitation to his permitted facility.

