



**Environmental
Protection Agency**

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

January 25, 2012

John Shepard, Superintendent
Northridge High School
6606 Johnstown-Utica Road
Johnstown, OH 43031

**Re: Northridge High School
NPDES Permit 4PT00108/ OH0124044
Reconnaissance Inspection
Licking County**

Dear Mr. Shepard:

On January 23, 2012, a Reconnaissance Inspection was conducted at the Northridge High School. Present for the inspection were Jason Figgins, Operator and Dave Liggett, Maintenance Supervisor Northridge High School WWTP and Mike Sapp and myself of the Ohio EPA, Central District Office, Division of Surface Water.

The purpose of the inspection was to evaluate compliance with the terms and conditions of your NPDES permit and to evaluate the operation and maintenance of the plant.

- Effluent limit violations for December 2010 (see attachment) were the result of a spill of glycol into the WWTP which destroyed the biota needed for treatment. This problem was rectified; however future upsets or difficulties that may result in non-compliance should be brought to the attention of Paul Vandermeer immediately upon realization of the problem.
- Effluent limit violations for fecal coliform bacteria in May 2010 (see attachment) were the result of clogged chlorine dosing equipment. This problem will be addressed by more frequent checking of the system.
- The AB codes generated in November (see attachment) were due to lost samples. In the future, the facility must re-collect samples for analysis instead of using the AB code for reporting on the discharge monitoring report.
- Effluent flow estimation using potable water metering is inappropriate for this facility. Improper effluent flow estimation can result in miscalculation of loadings thereby resulting in inaccurate discharge monitoring reporting. Additionally, using potable water metering typically results in an overestimate of effluent flow which may result in higher costs for NPDES permit renewal since the fees are based on flow rates. The facility may obtain an accurate estimate of effluent flow by installing metering on the dosing pump and determining the flow by the amount of time the pump is on multiplied by the flow capacity of the pump. Accurate effluent flow estimation must begin by no later than March 23, 2012.

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- The facility will install effluent outfall signage on the headwall of the discharge pipe as discussed during the inspection and submit a photograph to Paul Vandermeer to document installation by no later than March 23, 2012.

If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3854 or e-mail at paul.vandermeer@epa.ohio.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul Vandermeer", with a long horizontal flourish extending to the right.

Paul Vandermeer
Environmental Specialist
Field Operations Unit
Division of Surface Water
Central District Office

c: Mr. Jason Figgins, Operator

ec: Paul Vandermeer

PV/nsm Northridge HS

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PT00108	OH0124044	RI	S	2
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
1/23/2012	9:20 AM	10:20 AM	No	No

SECTION B: FACILITY DATA	
<i>Name and Location of Facility Inspected</i>	<i>Permit Effective Date</i>
Northridge High School 6606 Johnstown-Utica Road Johnstown, OH 43031	7/1/2008
	<i>Permit Expiration Date</i>
	6/30/2013
<i>Name(s) and Title(s) of On-Site Representatives</i>	<i>Phone Numbers</i>
Jason Figgins, Operator	(740) 627-0987
<i>Name and Title of Responsible Official</i>	<i>Phone Number</i>
John Shepard, Superintendent	(740) 967-6631

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
M	NPDES Compliance	Signage not installed in timely fashion, also a few permit violations
S	Operations & Maintenance	Sand filters need raking, but otherwise adequate
S	Facility Site Review	Plant security adequate
N	Collection System	
U	Flow Measurement	Effluent flow must be determined directly
S	Receiving Waters	
N	Laboratory	MASI Laboratory used for sample analysis

Comments: Trash trap cleaned as needed, usually 3 times per year, typically timed with sludge wasting and removal. Sludge is hauled to the City of Newark WWTP for disposal. Upflow fixed media filters are cleaned when needed, generally 3 times per year. Air scouring is used to remove buildup on walls of clarifier.

Signatures			
	1/25/12		1/25/12
Paul Vandermeer, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office	Date