



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

Re: Ashland County
Hillsdale High School
NPDES Permit

April 22, 2013

Mr. Joel Rosco
Superintendent
Hillsdale Schools
485 Township Road 1902
Jeromesville, Ohio 44840

Dear Mr. Rosco:

On April 1, 2013, an inspection was conducted of the wastewater treatment facilities serving the Hillsdale High School located at 485 Township Road 1902, Ashland County. At the time of inspection, all treatment units were in operation and appeared to be functioning normally. Mr. Scott Hinkle of your staff was present during the inspection to answer any questions regarding the treatment plant operations.

The new plant appears to be performing very well, as evidenced by a very clear discharge from the treatment plant. One of the aeration blowers was out for repair. This unit has been out since March 4, and has been sent to the manufacturer for warranty repair. The ultrasonic flow meter is operational and is being used to report the daily flow rate from the treatment plant. The operator's log book was reviewed and found to be acceptable.

Our office has received the discharge monitoring reports submitted for the months of March 2012 through March 2013. A review of this data revealed two violations for exceeding the total suspended solids limits in your National Pollutant Discharge Elimination System (NPDES) permit in the February 2013 sample. Mr. Hinkle indicated that these violations were caused by having to utilize the sand filter that has not been used very much in the past. The media in this filter apparently contains a lot of fines that get washed out of the media into the sample. Once the fines are all washed out, the samples should return to compliance.

A sign needs to be placed at the outfall pipe identifying the discharge from the wastewater plant. Refer to Part II, Item K located on page 9 of your NPDES permit for details on the sign requirement.

A completed copy of our inspection report has been enclosed for your review. Please contact me at 419-373-3070 with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Walter Ariss'.

Walter Ariss, P.E.
Environmental Specialist II
Division of Surface Water

/jlm

Enclosure

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PR00269

Facility Name Hilldale High School Expiration Date 10/31/2014

Facility Location 485 TR 1402 Date 4/1/13 Time 1:30 am

City Jeromesville County Ashtland Township _____

Name of Owner _____ Owner Phone _____

Person Contacted Scott Hinkel Operator of Record Mara Morgan

Flow: Design 10,000 GPD WWTP Classification: X A or 1

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 38° - SUN

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	Turbidity	Odor	Color
0	None	<input checked="" type="checkbox"/> Clear	<input checked="" type="checkbox"/> None	<input checked="" type="checkbox"/> Colorless
1	Mild			
2	Moderate	<input type="checkbox"/> Light Solids	<input type="checkbox"/> Musty	<input type="checkbox"/> Grey
3	Serious			
4	Extreme	<input type="checkbox"/> Heavy Solids	<input type="checkbox"/> Septic	<input type="checkbox"/> Black

2. Effect of Effluent on Receiving Stream Name: unnamed trib to Quaker Springs Run

No.	Severity Description	Turbidity	Odor	Color
0	None	<input checked="" type="checkbox"/> Clear	<input checked="" type="checkbox"/> None	<input checked="" type="checkbox"/> Colorless
1	Mild			
2	Moderate	<input type="checkbox"/> Light Solids	<input type="checkbox"/> Musty	<input type="checkbox"/> Grey
3	Serious			
4	Extreme	<input type="checkbox"/> Heavy Solids	<input type="checkbox"/> Septic	<input type="checkbox"/> Black

3. a. Plant has _____ excellent good _____ fair _____ poor _____ operation
 b. Plant has _____ excellent good _____ fair _____ poor _____ maintenance
 c. Sand filters have _____ excellent good _____ fair _____ poor _____ maintenance- N/A
 d. Not operating at expected efficiency due to:

- (1) _____ hydraulic overload
 (2) _____ organic/solids overload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct. 31)	
IN	OUT
_____	_____
_____	_____
_____	<input checked="" type="checkbox"/>

Chlorination Tablets
 Dechlorination Tablets
 Ultraviolet (U.V.)

Yes No

4. Compliance with NPDES Permit

Periodic Violations X Y N Parameters: 755

Chronic Violations _____

5. O & M logbook kept and available on site: Location in blower building

6. Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)
 (Class I - 3 days per week for minimum 1.5 hours per week)

7. Adequate Plant Safety: Deficiencies _____

Facility Name: Hillsdale High School

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency ?
	X	Grease Trap <i>close to building</i>	Pumping Frequency ?
		Bar Screen	
		Comminutor	
	X	Flow Equalization	<i>okay</i>
Aeration Equipment		Plant Timer <u>Y</u> <u>X</u> <u>N</u>	Cycle Time:
	X	Motor / Blower Unit <i>running</i>	<i>one blower out for repairs</i>
Secondary Treatment	X	Aeration Tank	Color: <i>good color</i> Adequate Aeration <u>Y</u> <u>N</u>
Final Settling	X	Clarifier	<i>very good clarity</i>
	X	Sludge Return	In <u>X</u> Out
	X	Surface Skimmer	In <u>X</u> Out <i>will be replacing with airlift</i>
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter	<i>Both beds very clean</i>
		Polishing Pond	
		Other	
Disinfection		Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	<i>out</i>
Flow Metering		Elapsed Pump Time	
	X	Recorder (continuous total)	<i>okay</i>
Pumps	X	Raw Wastewater (Type) <i>Flow EQ</i>	<i>geyser pump okay</i>
	X	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	X	Aerated Storage Tank	<i>1/2 full - aerate occasionally</i>
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	