



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

Re: **Notice of Violation**
Richland County
Crestview Local Schools
NPDES General Permit

September 19, 2013

Mr. Scott Will, Superintendent
Crestview Local Schools
1575 State Route 96
Ashland, Ohio 44805

Dear Mr. Will:

On August 27, 2013, an inspection was made of the wastewater treatment facilities serving the Crestview Local Schools located at 1575 State Route 96, Weller Township, Richland County. Mr. Gene Esbenshade of your staff was present to answer questions.

At the time of the inspection, the flow equalization (EQ) dosing pumps were not in operation. Mr. Esbenshade stated that the pumps had been turned off for approximately one week. He believes that one of the pump motors has overheated and burned the windings. He believes that the other pump is clogged. The suspected broken pump should be removed and sent for repairs or a replacement ordered immediately. The clogged pump should be cleaned as soon as possible. These pumps provide for equalization of the influent flow to the treatment plant throughout the day and allow the plant to operate more effectively. The current condition needs to be corrected. Mr. Esbenshade mentioned that the trash trap had not been pumped within the last year. This could have contributed to the failure of the EQ pumps. The trash trap should be pumped.

The grating covering the tank openings of the flow EQ tanks has become rusted to the point where they will no longer support the weight of anyone walking on them, and some even have holes where the grating is missing. These grates need replaced. We recommend that the replacement grates be made of aluminum. Aluminum lasts much longer and is not subject to corrosion as are the current steel grates. The current grates represent a severe safety hazard to the employees or any contractors working on the plant. They should be replaced immediately.

The sand filter beds were both covered with a thick growth of weeds. These beds need to be weeded and raked clean.

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It was noted that the eastern sludge drying bed is becoming full. Mr. Esbenshade stated the sludge would be removed from the bed in the near future. This material will need to be hauled to a licensed sanitary landfill for disposal. Hauling records and weigh slips for the sludge should be kept with the treatment plant records and the tonnage hauled recorded on the discharge monitoring report in December and annual biosolids report in January.

During the inspection, we discussed the need to keep an operator's log book. The log is required as part of Ohio Administrative Code (OAC) 3745-07-09. The need to keep a log book was mentioned to Mr. Esbenshade during our previous inspection and report from 2012. This log must begin to be kept immediately. Notes should be included in the log as to when the flow EQ pumps are repaired, the trash trap pumped, the EQ grates replaced, and the sand filter beds cleaned. Mr. Esbenshade should also contact me via E-mail once these items are completed. An example operator's log sheet was provided to Mr. Esbenshade as a guide. Failure to maintain a log book will lead to an enforcement action including a civil penalty.

A review of the discharge monitoring reports submitted to our office for March 2012 through July 2013 revealed three **violations** of the limits in the small sanitary general National Pollutant Discharge Elimination System (NPDES) permit. A printout of the **violations** has been enclosed for your review.

If you have any questions, please call me at 419-373-3070.

Sincerely,



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

/jlm

Enclosures

pc: Gene Esbenshade, Crestview Schools

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 26S00004

Facility Name Crookview Local Schools Expiration Date 12/31/2014

Facility Location 1575 SR 96 Date 8/27/13 Time 11:30 am pm

City Ashland County Ashland Township _____

Name of Owner _____ Owner Phone _____

Person Contacted Gene Esben Shade Operator of Record Gene Esben Shade

Flow: Design 22,000 GPD WWTP Classification: X A or I

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 67° - light rain

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 tributary

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 Y _____ N Parameters: Fecals, P.O., TSS

Chronic Violations _____

5. _____ O & M logbook kept and available on site: Location _____

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 rodent + bird in grates over EQ tanks

Facility Name: Crestview Local Schools

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency <i>needs pumped</i>
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	X	Flow Equalization <i>EQ tank full pump off</i>	<i>need new grates</i>
Aeration Equipment		Plant Timer <u>Y</u> <u>X</u> N	Cycle Time:
	X	Motor / Blower Unit <i>running</i>	
Secondary Treatment	X	Aeration Tank	Color: <i>color okay</i> Adequate Aeration <input checked="" type="radio"/> Y <input type="radio"/> N
Final Settling	X	Clarifier	<i>good clarity</i>
	X	Sludge Return	In <input checked="" type="checkbox"/> Out
	X	Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter <i>Both Filters need weeded - a bit of vegetation</i>	
		Polishing Pond	
		Other	
Disinfection	X	Contact Tank	<i>very clear</i>
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	<i>on</i>
Flow Metering		Elapsed Pump Time	
	X	Recorder (continuous total)	<i>on water well</i>
Pumps	X	Raw Wastewater (type) <i>- Flow EQ</i>	<i>one pump burnt, other changed</i>
	X	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	X	Aerated Storage Tank	<i>okay</i>
	X	Sludge Drying Bed	<i>past bed needs hauled</i>
Sludge Disposal		Municipal POTW	
	X	Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	
<i>None</i>			

Get New Data

Crestview Local Schools NPDES permit limit violations March 2012 through July 2013

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2GS00004*CG	March 2012	001	00530	Total Suspended Solids	30D Conc	12	16.	3/1/2012
2GS00004*CG	August 2012	001	31616	Fecal Coliform	30D Conc	1000	1600.	8/1/2012
2GS00004*CG	March 2013	001	00300	Dissolved Oxygen	1D Conc	6.0	.83	3/20/2013