



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

Re: Hancock County
Cory Rawson High School STP
NPDES Permit

May 9, 2013

Mr. Robert Hlasko, Superintendent
Cory-Rawson Local Schools
3930 County Road 26
Rawson, Ohio 45881

Dear Mr. Hlasko:

On April 25, 2013, an inspection was made of the Cory Rawson High School wastewater treatment plant (WWTP). Mr. Wayne Young, who holds a Class I Operator License, provided a tour of the plant and answered questions about the operation.

In general, both operation and maintenance appeared fair. All major treatment components were in operation, and a clear effluent was observed. The aeration tanks contents were dark in color and foam was observed. The skimmer and return were both operating. There was some sludge in the clarifier trough, but a clear effluent was observed. One sand filter had sludge on the surface and water ponding. The other sand filter was in good condition.

Mr. Young indicated that a slug load of chlorine from the new addition caused a kill of the plant's bacteria and he has been struggling to meet ammonia limits since. He also indicated that an issue with the pump station from the new addition had caused solids to wash from the plant onto the sand filters. He was bringing sludge in from the City of Findlay's WWTP to help seed the plant and bring it back into compliance.

A review of your discharge monitoring reports shows that this facility is in significant non-compliance (SNC) for Nitrogen, Ammonia for October 2012 through March 2013. Enclosed is a list of violation for November 2012 through March 2013.

A facility becomes SNC when it exceeds the effluent limit for four or more months in two consecutive quarters or exceeds the effluent limit significantly in any two months in two consecutive quarters. Achieving compliance with Ohio's environmental laws is a primary focus of Ohio EPA in order to reduce risks to public health and welfare. When a facility is in SNC, Ohio EPA will consider escalated enforcement action.

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Before we initiate enforcement action, we would like to work with you to achieve satisfactory progress to bring this facility back into compliance. Within 21 days of the date of this letter, please submit, in writing, the actions that you propose to undertake in order to return your facility into compliance with your National Pollutant Discharge Elimination System (NPDES) permit. You will also need to give us a timetable for these actions that does not extend past November 1, 2013. These actions and timetable may also be submitted by email to me at michelle.sharp@epa.ohio.gov.

If you wish to meet with us to discuss this matter, please contact me at 419-373-3019 within 10 days of receiving this letter in order to set up a meeting.

Sincerely,


Michelle Sharp
Division of Surface Water

/jlm

Enclosures

pc: Hancock County Health Department
Mr. Wayne Young, Cory-Rawson Local School

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PT00031

Facility Name Cory Rawson HS+MS Expiration Date 2-28-2017

Facility Address 3930 County Road 36 Date 4-25-13 Time 8:00 am / pm

City Rawson County Hancock Township _____

Name and Address of Owner _____

Person Contacted Wayne Young Owner Phone _____

Flow: Design 12,500 GPD Present 3,700 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 45° Sunny

OEPA Personnel Michelle Sharp District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Not Observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent X good _____ fair _____ poor operation
 b. Plant has _____ excellent X good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent X good _____ fair _____ poor maintenance

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
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
_____	_____ U.V.

Yes No

4. X Compliance with NPDES Permit

Periodic Violations Y N Parameters: _____

Chronic Violations X _____ Ammonia

5. X Adequate plant safety

6. X Operation and Maintenance Service Name _____

Frequency of Visits _____

Facility Name: Cory - Rawson

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency: 1/yr to Findlay WWTP
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	X	Plant Timer <u>X</u> <u>Y</u> <u>N</u>	Cycle Time:
		Motor/ Blower Unit	Always On - Alternate Blowers
Secondary Treatment	X	Aeration Tank	Color: Dark, some foam Adequate Aeration: <u>Y</u> <u>X</u> <u>N</u>
Final Settling	X	Clarifier	Some sludge in trough, clear effluent
	Y	Sludge Return	In <u>X</u> Out
	X	Surface Skimmer	In <u>X</u> Out
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter	Solids some ponding / good
		Polishing Pond	
		Other	
Disinfection	X	Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	X	Aerated Storage Tank	
	X	Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	Findlay WWTP
	X	Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Violation Date	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value
1/1/2013	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	32.16
1/1/2013	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	.6208
1/15/2013	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	32.16
1/15/2013	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.21	.6208
2/1/2013	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	13.95
2/1/2013	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	.27456
2/1/2013	001	80082	CBOD 5 day	30D Conc	10.0	13.
2/22/2013	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	13.95
2/22/2013	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.21	.27456
3/1/2013	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	20.78
3/1/2013	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.14	.18877
3/1/2013	001	80082	CBOD 5 day	30D Conc	10.0	12.
3/22/2013	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	20.78