



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

Re: Erie County
Berlin-Milan Schools
NPDES Permit Notice of

Violation

August 31, 2010

Mr. David Snook, Superintendent
Berlin-Milan Local Schools
140 South Main Street
Milan, Ohio 44846

Dear Mr. Snook:

On August 25, 2010, an inspection was made of the sewerage facilities serving the Edison High School. At the time of my visit both operation and maintenance appeared good and a clear final effluent was observed being discharged from the plant.

Please find enclosed a copy of the NPDES schedule of compliance requiring the submittal of a permit to install (PTI) by December 1, 2009, and improvements in the form of flow equalization and sludge holding equipment to be installed by December 1, 2010. As of this date we have not received a PTI for the improvements and the Board is now in violation of this NPDES permit requirement. Please be aware that NPDES permit violations may lead to enforcement action by this Agency.

Please notify me in writing or email within 14 days of receiving this letter with your intention to comply with the compliance schedule. A review of your NPDES monthly discharge monitoring reports since January 2010, indicate improved compliance, but continued periodic ammonia violations. A copy is enclosed for your review

Enclosed is my completed inspection report. I will await your response. If you have any questions, or feel a meeting is necessary to discuss these issues, please call me at (419) 373-3020 or email at rick.zuzik@epa.state.oh.us.

Sincerely,

Richard A. Zuzik, MSE
Division of Surface Water

//lr

pc: Erie County Health Department
~~DSW-NWDO File~~

Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402-9398

419 | 352 8461
419 | 352 8468 (fax)
www.epa.ohio.gov

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00174

Facility Name Edison H.S. Expiration Date 11-30-12

Facility Address 2603 SR 113 E Date 8/25/10 Time am / pm

City - County Erie Township Milan

Name and Address of Owner Berlin-Milan Local Schools

Person Contacted - Owner Phone (419) 499-4625

Flow: Design 15,000 GPD Present - GPD (metered - estimated)

Trib. Pop. 700 (actual - estimated) Weather at time of inspection: Temp 75° Cloudy

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	None		Clear		None		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: Trib of Huron R.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	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 good fair poor operation
 b. Plant has excellent good fair poor maintenance
 c. Sand filters have excellent 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	Not Observed
_____	_____	Chlorination Tablets
_____	_____	Dechlorination Tablets
_____	_____	Ultraviolet (U.V.)

4. Yes No Compliance with NPDES Permit 1/10 - 7/10 Compliance Schedule
- Periodic Violations Y N Parameters: Ammonia
- Chronic Violations _____
5. Yes Adequate plant safety
6. Yes Operation and Maintenance Service Name Ake Labs
- Frequency of Visits _____

Facility Name: Edison H.S.

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment		Plant Timer ____Y ____N	Cycle Time:
	2	Motor / Blower Unit	
Secondary Treatment	3	Aeration Tank	Color: <i>Not Observed</i> Adequate Aeration Y N
Final Settling	1	Clarifier	
	2	Sludge Return	In Out
	2	Surface Skimmer	In Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>OK Some Weeds</i>
		Polishing Pond	
		Other	
Disinfection		Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00174*BD	February 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	6.4	2/1/2010
2PR00174*BD	February 2010	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	6.4	2/10/2010