



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.ohio.gov

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Erie County
Berlin-Milan Schools
NPDES Permit

November 30, 2009

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

Dear Mr. Snook:

On October 29, 2009, 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.

A review of your NPDES monthly discharge monitoring reports since January 2009, indicate continued ammonia violations. A copy is enclosed for your review, as well as a copy of the NPDES schedule of compliance requiring improvements in the form of flow equalization and sludge holding equipment by December 1, 2010. A permit to install is required by December 1, 2009. Please notify me in writing or email within 14 days of receiving this letter with your intention to comply with the compliance schedule.

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

/llr

pc: Erie County Health Department
DSW: NWDO File →

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PRO0174

Facility Name Edison High School Expiration Date 11-30-12

Facility Address 2603 SR 113 E Date 10-29-09 Time 1:00 am/pm

City - County Erie Township Milan

Name and Address of Owner Berlin - Milan Local Schools

Person Contacted None 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 65° Clear

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 River

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
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

Chlorination Tablets
Dechlorination Tablets
Ultraviolet (U.V.)

Yes No 1/1/09 - 10/09

4. Compliance with NPDES Permit
 Periodic Violations Y N Parameters:
 Chronic Violations Ammonia

5. Adequate plant safety
 6. Operation and Maintenance Service Name Ake Labs
 Frequency of Visits 2/month

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	2	Plant Timer ___Y___N Motor / Blower Unit	Cycle Time:
Secondary Treatment		Aeration Tank	Color: Adequate Aeration Y ___ N ___
Final Settling	3	Clarifier	
	2	Sludge Return	In ___ Out ___
	2	Surface Skimmer	In ___ Out ___
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>Some weeds</i>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	
	1	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	