



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road  
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468  
www.epa.state.oh.us

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

Re: Erie County  
EHOVE  
NPDES Permit

October 29, 2007

Mr. Joseph DeRose, Superintendent  
EHOVE Joint Vocational School  
316 W. Mason Road  
Milan, Ohio 44846

Dear Mr. DeRose:

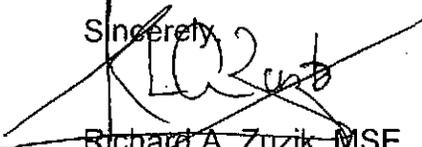
On September 20, 2007, an inspection was made of the EHOVE JVS wastewater treatment plant. Mr. Dan Roesch of your maintenance staff was also present. In general, both operation and maintenance appeared good. At the time of my visit, all major treatment components were in operation, and a very clear final effluent was being discharged from the plant.

The NPDES permit was renewed last year, effective August 1, 2006. Monthly operating reports are being received in a timely manner, and a review indicates compliance since March. Enclosed is a copy of the violations to review with your maintenance service.

This facility is over 30 years old and showing it's age. Lunchtime hydraulic surges are having an adverse effect on plant operations. Erie County has initiated planning to extend municipal sanitary sewers along US 250 and hopefully will be available to your area within 3 years. When available the plant can be abandoned and tapped into the sanitary sewer.

Please find enclosed a copy of our inspection report, if there are any errors, or if you have any questions, please feel free to 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: CDSW-NWDO-File \_\_\_\_\_ ;  
AKE Labs (w/enclosures)  
Erie County Health Department

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PT00010

Facility Name EHOVE Expiration Date 7-31-11

Facility Address 316 W. Mason Rd @ us 250 Date 9-20-07 Time 11:15 (am/pm)

City - County Erie Township Milan

Name and Address of Owner EHOVE Board of Education

Person Contacted Dan Roesch, Maintenance Owner Phone (419) 999-9663

Flow: Design 35,000 GPD Present          GPD (metered - estimated)

Trib. Pop. 1000 (actual estimated) Weather at time of inspection: Temp 80° 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	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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: Mud Brook

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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>
<input checked="" type="checkbox"/>	<u>        </u>

Chlorination Tablets  
 Dechlorination Tablets  
 U.V.

Yes No

4.           Compliance with NPDES Permit

Periodic Violations                     Parameters: Ammonia, Suspended Solids

Chronic Violations                   

5.           Adequate plant safety

6.           Operation and Maintenance Service Name AKE

Frequency of Visits 1/month

Facility Name: EHOVE

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	Cycle Time:
		Motor/Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: <i>Brown</i> Adequate Aeration: Y. <input checked="" type="checkbox"/> N. <input type="checkbox"/>
Final Settling	1	Clarifier	<i>Surges at lunch time</i>
	2	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	1	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>some weeds</i>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	<i>Clear effluent</i>
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	1	Ultraviolet (UV)	<i>2 Banks</i>
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

9/1/06 - 8/28/07

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PT00010*DD	February 2007	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	10.2	18.75	2/1/2007
2PT00010*DD	February 2007	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	10.2	14.	2/15/2007
2PT00010*DD	February 2007	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	6.8	16.375	2/1/2007
2PT00010*DD	March 2007	001	00530	Total Suspended Solids	1D Conc	18	40.	3/1/2007
2PT00010*DD	March 2007	001	00530	Total Suspended Solids	30D Conc	12	17.	3/1/2007
2PT00010*DD	March 2007	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	10.2	10.35	3/1/2007