



**Environmental
Protection Agency**

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

Re: Erie County
Darby Place
NPDES Permit

September 8, 2010

Mr. Tim McMullen
431 Kipton Nickle Plate Road
Lagrange, OH 44050

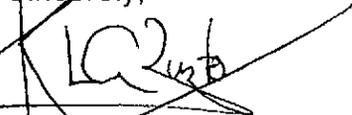
Dear Mr. McMullen:

On September 1 2010, an inspection was made of the sewerage facilities serving Darby Place MHP. In general, both operation and maintenance of the plant appeared good. At the time of my visit, all major treatment components were in operation and a clear final effluent was observed in the contact tank. Due to low influent flow, no discharge was taking place. I was pleased to see both chlorination and dechlorination tablets in the tube feeders.

Monthly discharge monitoring reports are being received in a timely manner and indicate periodic violations of your NPDES permit thus far this year. A copy of the violations is enclosed to review with your operator.

Also enclosed is my inspection report. If you have any questions, 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

/lb

pc: Eastwood Environmental
Erie County Health Dept.
~~NWDO file~~

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2APR00106

Facility Name Darby Place MHP Expiration Date 3-31-12

Facility Address 13207 - West Lake Rd Date 9-1-10 Time 12³⁰ am pm

City — County Erie Township Vermilion

Name and Address of Owner Tim McMullen

Person Contacted Neil Roper, Mgr Owner Phone (440) 975-915

Flow Design 4000 GPD Present — GPD (metered - estimated)

Trib. Pop. 20 total, (11 yr round) (actual - estimated) Weather at time of inspection: Temp 90° Clear

OEPA Personnel Kick Zozik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
<input checked="" type="checkbox"/> 1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Lake Erie

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<input checked="" type="checkbox"/> 0	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><input checked="" type="checkbox"/></u>	<u>—</u>
<u>—</u>	<u>—</u>

Chlorination Tablets
 Dechlorination Tablets
 Ultraviolet (U.V.)

Yes No (1/10 - 8/10)

4. Compliance with NPDES Permit
 Periodic Violations Y N Parameters: CBOD₅, TSS
 Chronic Violations —

5. Adequate plant safety
 6. Operation and Maintenance Service Name Eastwood Env
 Frequency of Visits 1/Week

Facility Name: Darby Place

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:
		Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: <i>light brown</i> Adequate Aeration Y / N
Final Settling	1	Clarifier	
		Sludge Return	In / Out
		Surface Skimmer	In / Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	OK
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	IN
		Chlorine Tube Feeder	IN
		Dechlorination Tube Feeder	IN
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	1	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
2PR00106*CD	March 2010	001	00530	Total Suspended Solids	30D Conc	12	30.	3/1/2010
2PR00106*CD	March 2010	001	80082	CBOD 5 day	30D Conc	10	17.	3/1/2010
2PR00106*CD	March 2010	001	00530	Total Suspended Solids	1D Conc	18	30.	3/19/2010
2PR00106*CD	March 2010	001	80082	CBOD 5 day	1D Conc	15	17.	3/19/2010
2PR00106*CD	June 2010	001	00530	Total Suspended Solids	30D Conc	12	21.	6/1/2010
2PR00106*CD	June 2010	001	80082	CBOD 5 day	30D Conc	10	11.	6/1/2010
2PR00106*CD	June 2010	001	00530	Total Suspended Solids	1D Conc	18	21.	6/22/2010