



**Environmental  
Protection Agency**

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

Re: Erie County  
Alpine Trail Trailer Park  
NPDES Permit

August 17, 2010

Ms. Dee Sprankle  
Alpine Trail Trailer Park  
2719 Alpine Trail  
Huron, Ohio 44839

Dear Ms. Sprankle:

On July 19, 2010, an inspection was made of the wastewater treatment plant serving the Alpine Trail Trailer Park. At the time of my visit, I found the sludge return out of service, resulting in a turbid final effluent. Eastwood Environmental was notified. Disinfection and dechlorination tablets were observed in the tube feeders.

A review of discharge monitoring reports since September 2010 indicated numerous violations for the June quarterly sampling period. Enclosed is a copy of the violations which should be reviewed with your operator.

Enclosed is my completed inspection report. If you have any questions, please call me at (419) 373-3020, or email at [rick.zuzik@epa.state.oh.us](mailto:rick.zuzik@epa.state.oh.us).

Sincerely,

Richard A. Zuzik, MSE  
Division of Surface Water

/lb

pc: Eastwood Environmental  
Erie County Health Department

~~INWDO file~~

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PY00040

Facility Name Alpine Trails MHP Expiration Date 5-31-11

Facility Address E side of Mud Brook, just N. of Mason Date 7-19-10 Time 2:50 am  pm

City - County Erie Township Milan

Name and Address of Owner Dee Sprankle

Person Contacted none Owner Phone 419 433-8909

Flow: Design 2500 GPD Present          GPD (metered - estimated)

Trib. Pop. 6 homes (actual - estimated) Weather at time of inspection: Temp 80° Cloudy

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

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

2. Effect of effluent on Receiving Stream Name: Huron River - 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          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	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chlorination Tablets
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dechlorination Tablets
<input type="checkbox"/>	<input type="checkbox"/>	Ultraviolet (U.V.)

Yes No 9/09 - 7/10

4.           Compliance with NPDES Permit  
 Periodic Violations  Y  N Parameters: TSS, Ammonia, CBOD

Chronic Violations         

5.           Adequate plant safety N<sub>2</sub> fence

6.          Operation and Maintenance Service Name Eastwood Env.

Frequency of Visits

Facility Name: Alpine Trail

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	1	Plant Timer ____Y ____N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: dilute Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling	1	Clarifier	Turbid
		Sludge Return	In ____ Out <input checked="" type="checkbox"/>
		Surface Skimmer	In ____ Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	Some Weeds
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	Turbid
		Chlorine Tube Feeder	IN
		Dechlorination Tube Feeder	IN
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	
		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	

9/09 - 7/10

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00040*BD	June 2010	001	00530	Total Suspended Solids	30D Conc	12	84.5	6/1/2010
2PY00040*BD	June 2010	001	00530	Total Suspended Solids	30D Qty	0.11	.39979	6/1/2010
2PY00040*BD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2	21.935	6/1/2010
2PY00040*BD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.019	.10378	6/1/2010
2PY00040*BD	June 2010	001	80082	CBOD 5 day	30D Conc	10	32.5	6/1/2010
2PY00040*BD	June 2010	001	80082	CBOD 5 day	30D Qty	0.09	.15377	6/1/2010
2PY00040*BD	June 2010	001	00530	Total Suspended Solids	1D Conc	18	90.	6/11/2010
2PY00040*BD	June 2010	001	00530	Total Suspended Solids	1D Qty	0.17	.42581	6/11/2010
2PY00040*BD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	3	24.1	6/11/2010
2PY00040*BD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.028	.11402	6/11/2010
2PY00040*BD	June 2010	001	80082	CBOD 5 day	1D Conc	15	60.	6/11/2010
2PY00040*BD	June 2010	001	80082	CBOD 5 day	1D Qty	0.14	.28388	6/11/2010
2PY00040*BD	June 2010	001	00530	Total Suspended Solids	1D Conc	18	79.	6/28/2010
2PY00040*BD	June 2010	001	00530	Total Suspended Solids	1D Qty	0.17	.37377	6/28/2010
2PY00040*BD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	3	19.77	6/28/2010
2PY00040*BD	June 2010	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.028	.09354	6/28/2010