



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
Alpine Trail Trailer Park
NPDES Permit

September 8, 2009

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

Dear Ms. Sprankle:

On August 25, 2009, an inspection was made of the wastewater treatment plant serving the Alpine Trail Trailer Park. In general, operation appeared fair, while maintenance of the surface sand filters was poor. At the time of my visit, mixed liquor was very dilute, and final effluent was turbid. Both surface sand filters were ponded and need serviced. Disinfection and dechlorination tablets were observed in the feeders, but were melted against the tubes. I was notified that they were later replaced. I also understand that the plant is still prone to flooding from the river, and plans of raising the dike wall is being looked into, as well as rebuilding the sand filters.

A review of discharge monitoring reports since January 2009 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.

Sincerely,


Richard A. Zuzik, MSE
Division of Surface Water

/lb

pc: Eastwood Environmental
Erie County Health Department
~~NWDO 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 Mudbrook, just N of Mason Date 8-25-09 Time 2:00 am pm

City - County Crie Township Milan

Name and Address of Owner Dee Sprankle, 2719 Alpine Trail Huron

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° clear

OEPA Personnel Rick Zurik 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"/>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

Chlorination Tablets
 Dechlorination Tablets
 Ultraviolet (U.V.)

Yes No 1/1/09 - 7/28/09

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

5. Adequate plant safety No fence
 6. Operation and Maintenance Service Name Castwood
 Frequency of Visits

Facility Name: Alpine Trails

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 <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: <i>light brown, dilute</i> Adequate Aeration <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	1	Clarifier	<i>turbid</i>
	1	Sludge Return	In <input checked="" type="checkbox"/> Out
	1	Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>both ponded</i>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	<i>turbid</i>
	1	Chlorine Tube Feeder	<i>tubs melted, later replaced</i>
	1	Dechlorination Tube Feeder	<i>tubs melted, later replaced</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Imps	2	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	

1/1/09 - 7/28/09

Get New Data

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00040*BD	June 2009	001	00530	Total Suspended Solids	30D Conc	12	18.	6/1/2009
2PY00040*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	2	8.435	6/1/2009
2PY00040*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.019	.03991	6/1/2009
2PY00040*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	3	8.49	6/10/2009
2PY00040*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.028	.04017	6/10/2009
2PY00040*BD	June 2009	001	31616	Fecal Coliform	1D Conc	2000	4900.	6/10/2009
2PY00040*BD	June 2009	001	00530	Total Suspended Solids	1D Conc	18	24.	6/24/2009
2PY00040*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	3	8.38	6/24/2009
2PY00040*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.028	.03965	6/24/2009