



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

October 31, 2008

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

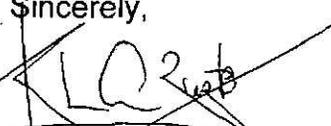
Dear Ms. Sprankle:

On October 1, 2008, an inspection was made of the wastewater treatment plant serving the Alpine Trail Trailer Park. In general, operation and maintenance appeared fair. At the time of my visit, all major treatment components were in operation and a clear final effluent was observed being discharged from the plant. The surface sand filter in use was heavily weeded and full of dried solids and should be switched. Disinfection and dechlorination tablets were observed in the feeders.

A review of discharge monitoring reports since January 2008 indicated ammonia violations for the June and August quarterly sampling periods. Enclosed is a copy of the violations which should be reviewed with your operator. Please inform me of operational improvements to bring the final effluent ammonia concentration into compliance.

Enclosed is my completed inspection report. 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

/lb

pc: Eastwood Environmental w/ enclosures
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 north of Mason Date 10-1-08 Time 11:00 am

City - County Crie Township Milan

Name and Address of Owner Dee Sprinkle, 2719 Alpine Trail

Person Contacted none Owner Phone (419) 433-8909

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

Trib. Pop. 6 homes (actual - estimated) Weather at time of inspection: Temp 60° Cloudy

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

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
<input type="checkbox"/> 1	Mild	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/> 2	Moderate	<input type="checkbox"/>	Light Solids	<input type="checkbox"/>	Musty	<input type="checkbox"/>	Grey
<input type="checkbox"/> 3	Serious	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/> 4	Extreme	<input type="checkbox"/>	Heavy Solids	<input type="checkbox"/>	Septic	<input type="checkbox"/>	Black

2. Effect of effluent on Receiving Stream Name: Huron River - Not Observed

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

Periodic Violations Y N Parameters:
 Chronic Violations Ammonia

5. Adequate plant safety No fence

6. Operation and Maintenance Service

Name Castwood Environmental
 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	2	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: <i>Choc. Brown</i> Adequate Aeration <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	1	Clarifier	<i>Scum covered</i> <i>Clear effluent in weir</i>
		Sludge Return	In <input checked="" type="checkbox"/> Out
		Surface Skimmer	In Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>1 full of weeds & solids</i> <i>other - OK</i>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	<i>Clear effluent</i>
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
		Ultraviolet (UV)	
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		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	2	Post Aeration	
		Spray Irrigation	
		Other <i>Effluent pump station</i>	

Jan 08 - Sept 08

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PY00040*BD	June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	2	13.58	6/1/2008
2PY00040*BD	June 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.019	.06425	6/1/2008
2PY00040*BD	June 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	3	13.58	6/27/2008
2PY00040*BD	June 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.028	.06425	6/27/2008
2PY00040*BD	August 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	2	8.71	8/1/2008
2PY00040*BD	August 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.019	.04121	8/1/2008
2PY00040*BD	August 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	3	8.71	8/11/2008
2PY00040*BD	August 2008	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.028	.04121	8/11/2008