



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

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www.epa.state.oh.us

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

Re: Ashland County
Camp Nuhop
NPDES Permit

June 26, 2007

Mr. Jerry Dunlap, Executive Director
Camp Nuhop
404 Hillcrest Drive
Ashland, Ohio 44805

Dear Mr. Dunlap:

On June 14, 2007, an inspection was made of the wastewater treatment facilities serving Camp Nuhop located at 1077 Township Road 2916, Perrysville, Ashland County. Jim Machin, the camp's Facilities Manager and your certified operator, was present to answer my questions.

At the time of the inspection all major treatment units were in operation and appeared to be functioning normally. No major concerns were noted. A clear effluent was being discharged to the receiving stream.

A review of your monthly operating reports for the months of April 2006, through April 2007, revealed several limit violations of your permit. Please refer to the attached sheet for a print out of these violations. Mr. Machin notified our office in July of last year regarding an extremely significant rain event that produced approximately 7.5 inches of rain that caused surface water to run into the plant. This event greatly disrupted the treatment units and was mostly the cause for the violations in July 2006. Overall we were very pleased with the care and attention Mr. Machin has been paying to the treatment plant.

If you have any questions please give me a call at 419-373-3070.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

Enclosure

pc: DSW-NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR 00131

Facility Name Camp Mehop Expiration Date 12/31/09

Facility Address 1077 TR 2916 Date 6/14/07 Time 10:30 am

City Perrysville County Ashland Township _____

Name and Address of Owner _____

Person Contacted Jim Machin Owner Phone _____

Flow: Design 9,000 GPD Present 24,500 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 80° sunny

OEPA Personnel Walter Ariss 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
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Pleasant Hill Lake

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
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 checked="" type="checkbox"/>	_____
_____	_____
	Chlorination Tablets
	Dechlorination Tablets
	U.V.

4. Yes _____ No _____ Compliance with NPDES Permit

Periodic Violations Y X N _____ Parameters: NH3
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name: Jim Machin

Frequency of Visits Usually everyday

Facility Name: Camp Nahop

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: 3 to 4 times a year / last pumped 3/07
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	ok
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: currently set to run 23 hours a day
	<input checked="" type="checkbox"/>	Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: slightly weak Adequate Aeration: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	looks good
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input type="checkbox"/> Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	look great / both very clean
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	tablets ok
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	tablets ok
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	on dosing station to filters
		Recorder (continuous total)	
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater (type) EQ	ok
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	ok
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	ok
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	on
		Spray Irrigation	
		Other	

Camp Nuhop NPDES Permit limit violations
 April 2006 through April 2007

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00131*BD	April 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	9.73	4/1/2006
2PR00131*BD	April 2006	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.15	.22097	4/1/2006
2PR00131*BD	April 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.1865	4/1/2006
2PR00131*BD	April 2006	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.10	.11633	4/1/2006
2PR00131*BD	May 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.35	5/15/2006
2PR00131*BD	May 2006	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.051	.05706	5/15/2006
2PR00131*BD	May 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.6115	5/1/2006
2PR00131*BD	July 2006	001	00530	Total Suspended Solids	7D Conc	18	28.	7/8/2006
2PR00131*BD	July 2006	001	00530	Total Suspended Solids	30D Conc	12	21.2	7/1/2006
2PR00131*BD	July 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.	7/1/2006
2PR00131*BD	July 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	2.	7/8/2006
2PR00131*BD	July 2006	001	80082	CBOD 5 day	7D Conc	15	60.	7/8/2006
2PR00131*BD	July 2006	001	80082	CBOD 5 day	7D Qty	0.51	.74943	7/8/2006
2PR00131*BD	July 2006	001	80082	CBOD 5 day	30D Conc	10	31.	7/1/2006
2PR00131*BD	July 2006	001	80082	CBOD 5 day	30D Qty	0.34	.39856	7/1/2006
2PR00131*BD	August 2006	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	1.99	8/1/2006
2PR00131*BD	August 2006	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.095	8/1/2006