



Environmental  
Protection Agency

John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Scott J. Nally, Director

Re: Ashland County  
Camp Nuhop  
NPDES Permit

June 15, 2011

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

Dear Mr. Dunlap:

On June 8, 2011, 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. It was noted that there are no pressure relief valves on the aeration and flow EQ blower assemblies. These valves are designed to prevent damage to the blowers from extreme pressure. These valves should be installed as soon as possible.

A review of the discharge monitoring reports for the months of July 2010, through April 2011, revealed five (5) **violations** of the limits in your NPDES permit. Two violations were for exceeding the total suspended solids limit in April 2011. The other three violations were for exceeding the ammonia limit in September and December 2010.

During the inspection we discussed the need to keep a log book of the operations of the treatment plant. This log is required as part of your NPDES permit. The log should contain the name or initials of the person making an entry, time in and time out for the visits by the certified operator, as well as the results of any samples taken (i.e. daily checks of odor, color, turbidity, and flow rate). A minimum of three months of data should be available at the treatment plant for review.

Mr. Trevor Dunlap, Executive Director  
June 15, 2011  
Page 2

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

Sincerely,



Walter Ariss  
Environmental Specialist II  
Division of Surface Water

/llr

Enclosure

pc: DSW-NWDO File [redacted]  
Jim Machin

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00131

Facility Name Camp Nuhop Expiration Date 1/31/2015

Facility Address 1077 TR 2916 Date 6/8/11 Time 10:30 am kpm

City Perryville County Ashland Township \_\_\_\_\_

Name and Address of Owner \_\_\_\_\_

Person Contacted Jim Machin Owner Phone \_\_\_\_\_

Flow: Design 9,000 GPD Present 1100-5400 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 85° 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.)	
<input checked="" type="checkbox"/> IN	<input type="checkbox"/> OUT
<input checked="" type="checkbox"/>	Chlorination Tablets
<input type="checkbox"/>	Dechlorination Tablets
<input type="checkbox"/>	U.V.

Yes No

4.  Compliance with NPDES Permit

Periodic Violations  Y  N Parameters: TSS, NH<sub>3</sub>

Chronic Violations \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service Name Jim Machin

Frequency of Visits 1/day

Facility Name: Camp Nuhay

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap <i>3-4 times/year</i>	Pumping Frequency:
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	<i>okay</i>
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N	<del>Cycle Time:</del> <i>need pressure relief valves on blowers</i>
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>good clarity</i>
	<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"/> <i>use intermittently</i>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>north east bed in use southwest clean &amp; ready</i>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<i>okay</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<i>okay - chlorine tank very clear</i>
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>on filter dosing station</i>
		Recorder (continuous total)	
Pumps	<input checked="" type="checkbox"/>	<del>Raw Wastewater (Type)</del> <i>Flow EQ</i>	<i>okay</i>
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	
		Spray Irrigation	
		Other	