



Environmental
Protection Agency

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

Re: Ashland County
Camp Nuhop
NPDES Permit

August 6, 2010

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

Dear Mr. Dunlap:

On July 29, 2010, 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, were 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 the discharge monitoring reports for the months of July 2009, through June 2010, revealed four violations of the limits in your NPDES permit. Two violations were for exceeding the total suspended solids limit in August 2009. The other two violations were for exceeding the ammonia limit in February 2010. 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

/llr

Enclosure

pc: ~~DSW-NWDO File~~
Jim Machin

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00131

Facility Name Camp Nook Expiration Date 11/31/2015

Facility Address 1077 TR 2916 Date 7/29/10 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 400-6000 GPD (metered - estimated)

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

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: Meadow 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 <input checked="" type="checkbox"/>	OUT _____
<input checked="" type="checkbox"/>	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
_____	_____ U.V.

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y _____ N _____ Parameters: TSS, ammonia
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Jim Machin

Frequency of Visits _____

Facility Name: Camp Nahon

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	okay
Aeration Equipment		Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N	Cycle Time:
	<input checked="" type="checkbox"/>	Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>color okay</i> Adequate Aeration: <u>Y</u> <input checked="" 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 checked="" type="checkbox"/>	Surface Skimmer	In <u> </u> Out <input checked="" type="checkbox"/> <i>use intermittently</i>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>both beds clear</i>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<i>in - tank very clear</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<i>in</i>
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>on filter dosing</i>
		Recorder (continuous total)	
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater (type) <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	<i>does not use</i>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	