



**Environmental
Protection Agency**

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

Re: **Notice of Violation**
Ashland County
Long Lake Campground
NPDES Permit

June 11, 2012

Mr. Doug Hawkins
Long Lake Campground
8974 Long Lake Drive
Lakeville, Ohio 44638

Dear Mr. Hawkins:

On June 1, 2012, an inspection was made of the wastewater treatment facilities serving the Long Lake Campground located at 8974 Long Lake Drive, Lake Township, Ashland County. You were present during the inspection to answer any questions. The campground has been open since mid-April for camping. You stated that you have approximately 200 seasonal campsites that are occupied this year.

At the time of the inspection, the treatment plant was operational. The color of the mixed liquor in the aeration tank was weak. The clarifier was cloudy. You activated the pumps in the filter dosing tank so a dose to the sand filters could be observed. The color of the water onto the filters appeared somewhat turbid. The discharge at the creek appeared about the same color. You agreed that the water was not very clear. It was noted that only one of the UV units appeared to be working. The UV ballasts and controls had recently been replaced by units from Norweco industries due to failure of the old ballasts.

A review of the discharge monitoring reports submitted to our office for the months of June 2011 through May 2012 revealed several **violations** of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. A printout of these **violations** is enclosed for your review. Your facility is considered to be in **significant non-compliance** with the effluent limits contained in the NPDES permit. In order to address this condition, immediate action is necessary to return to compliance and avoid possible enforcement action from our Agency.

Our office feels it is possible that the sand media within the filter beds may be of the incorrect size and uniformity. You will need to have the sand tested to determine its sieve size and uniformity. Observations during previous inspections lead us to believe that the sand may be too coarse and, therefore, does not filter suspended particles effectively. This could be the cause of the TSS violations as well as the e-coli

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violations. TSS in the effluent prevents the UV light from reaching the bacteria to sterilize them. ***Within 30 days of receipt of this letter*** you will need to have the filter sand tested and report the results to our office. During the inspection, you stated that you were committed to taking whatever action necessary to ensure compliance. Your continued willingness will help us to work through these non-compliance issues in a manner that should avoid the need for any formal enforcement action.

Please call me at 419-373-3070 if you have any questions.

Sincerely,



Walter Ariss, P.E.
Environmental Specialist II
Division of Surface Water

/jlm

Enclosures

pc: Kevin Dean, Dean's Backflow Services

ec: Tracking

Get New Data		Long Lake NPDES permit limit violations June 2011 through May 2012							
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date	
2PR00227*AD	June 2011	001	00530	Total Suspended Solids	30D Conc	12	60.	6/1/2011	
2PR00227*AD	June 2011	001	80082	CBOD 5 day	30D Conc	10	11.	6/1/2011	
2PR00227*AD	June 2011	001	00300	Dissolved Oxygen	1D Conc	6.0	5.65	6/9/2011	
2PR00227*AD	June 2011	001	00530	Total Suspended Solids	1D Conc	18	60.	6/27/2011	
2PR00227*AD	July 2011	001	00530	Total Suspended Solids	30D Conc	12	69.	7/1/2011	
2PR00227*AD	July 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	2.35	7/1/2011	
2PR00227*AD	July 2011	001	31616	Fecal Coliform	30D Conc	1000	6855.65	7/1/2011	
2PR00227*AD	July 2011	001	80082	CBOD 5 day	30D Conc	10	23.	7/1/2011	
2PR00227*AD	July 2011	001	00530	Total Suspended Solids	1D Conc	18	69.	7/18/2011	
2PR00227*AD	July 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	2.35	7/18/2011	
2PR00227*AD	July 2011	001	31616	Fecal Coliform	1D Conc	2000	18800.	7/18/2011	
2PR00227*AD	July 2011	001	80082	CBOD 5 day	1D Conc	15	23.	7/18/2011	
2PR00227*AD	July 2011	001	31616	Fecal Coliform	1D Conc	2000	2500.	7/26/2011	
2PR00227*BD	August 2011	001	00530	Total Suspended Solids	30D Conc	12.0	40.	8/1/2011	
2PR00227*BD	August 2011	001	00530	Total Suspended Solids	7D Conc	18.0	40.	8/22/2011	
2PR00227*BD	September 2011	001	31648	E. coli	30D Conc	126	3700.	9/1/2011	
2PR00227*BD	September 2011	001	00530	Total Suspended Solids	30D Conc	12.0	43.	9/1/2011	
2PR00227*BD	September 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	4.2	9/1/2011	
2PR00227*BD	September 2011	001	31648	E. coli	7D Conc	284	3700.	9/8/2011	
2PR00227*BD	September 2011	001	00530	Total Suspended Solids	7D Conc	18.0	43.	9/8/2011	
2PR00227*BD	September 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	1.5	4.2	9/8/2011	
2PR00227*BD	October 2011	001	31648	E. coli	30D Conc	126	3400.	10/1/2011	
2PR00227*BD	October 2011	001	00530	Total Suspended Solids	30D Conc	12.0	38.	10/1/2011	
2PR00227*BD	October 2011	001	31648	E. coli	7D Conc	284	3400.	10/8/2011	
2PR00227*BD	October 2011	001	00530	Total Suspended Solids	7D Conc	18.0	38.	10/8/2011	
2PR00227*BD	May 2012	001	00530	Total Suspended Solids	30D Conc	12.0	16.	5/1/2012	
2PR00227*BD	May 2012	001	31648	E. coli	30D Conc	126	280.	5/1/2012	

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00227

Facility Name Long Lake Park Expiration Date 7/31/2016

Facility Address 8974 Long Lake Dr Date 6/1/12 Time 2:00 am (PM)

City Lakeville County Ashtabula Township _____

Name and Address of Owner Doug Hawkins

Person Contacted Doug Hawkins Owner Phone _____

Flow: Design 8,000 GPD Present 400-2000 GPD (metered ~~estimated~~)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 55° cloudy/rain

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear	X	None	X	Colorless
1	Mild						
2	Moderate	X	Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: unnamed trib Bonnet Lake

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear	X	None	X	Colorless
1	Mild	X					
2	Moderate	X	Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent X good _____ fair _____ poor operation
 b. Plant has _____ excellent X good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent X 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) possible wrong sand size

Disinfection: (Required May 1 thru Oct.31.)	
IN	OUT
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
<u>X</u>	_____ U.V.

Yes No

4. X Compliance with NPDES Permit

Periodic Violations X Y N Parameters: TSS, e.coli, CRD, NH3
 Chronic Violations X Y N TSS, e.coli

5. X Adequate plant safety

6. X Operation and Maintenance Service Name Dennis Backflow

Frequency of Visits 3/week

Facility Name: Long Lake

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	X	Flow Equalization	okay / EQ blower on
Aeration Equipment		Plant Timer ___ Y <input checked="" type="checkbox"/> N	Cycle Time:
	X	Motor/ Blower Unit <i>running</i>	one blower on one back up
Secondary Treatment	X	Aeration Tank	Color: weak - plant started mid-April Adequate Aeration: Y <input checked="" type="checkbox"/> N ___
Final Settling	X	Clarifier	cloudy / discharge to filters slightly turbid
	X	Sludge Return	In <input checked="" type="checkbox"/> Out ___
	X	Surface Skimmer	In <input checked="" type="checkbox"/> Out ___
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter <i>Need to check sand size</i>	using south bed / Both beds clear
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV) <i>replaced ballast this year</i>	one unit on / one not on Called Kevin to fix
Flow Metering	X	Elapsed Pump Time	on filter dosing
		Recorder (continuous total)	
Pumps	X	Raw Wastewater (type) <i>Flow EQ</i>	okay
	X	Sand Filter Effluent Dosing	okay
Sludge Handling	X	Aerated Storage Tank	okay
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	