



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
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: Ashland County
Long Lake Campground
NPDES Permit

April 29, 2009

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

Dear Mr. Hawkins,

On April 22, 2009, an inspection was made of the wastewater treatment facilities serving the Long Lake Campground located at 8974 Long Lake Drive, Lake Township, Ashland County. At the time of the inspection all major treatment units were operational and appeared to be functioning normally. Mr. Kevin Dean, your certified operator, was present during the inspection to answer any questions.

Mr. Dean indicated that the treatment plant was started up the week of April 13th. The color of the aeration tanks was still fairly weak. The campground is scheduled to open the week of April 27th. No concerns were noted with the treatment plant operation.

A review of the discharge monitoring reports for the months of July 2008 through March 2009 revealed numerous violations of the limits contained in your NPDES permit. A printout of these violations has been enclosed for your review. Numerous violations of the dissolved oxygen limit have been occurring. It may be necessary to add some type of post aeration prior to discharge to the stream to prevent this type of violation.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb
Enclosure

pc: Kevin Dean, Dean's Backflow Services w/ enclosure

~~\\NWDC\DSW\file~~

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2P12002.27

Facility Name Long Lake Campground Expiration Date 5/31/2011

Facility Address 8774 Long Lake Dr Date _____ Time _____ am / pm

City Lakeville County Ashland Township lake

Name and Address of Owner Doug Hawkins

Person Contacted _____ Owner Phone _____

Flow: Design 8,000 GPD Present 4,000-5,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 64 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: inland trib long 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
_____	_____ Chlorination Tablets
_____	_____ Dechlorination Tablets
<input checked="" type="checkbox"/>	_____ U.V.

Yes No

4. _____ Compliance with NPDES Permit

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

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service

Name Doug's Backflow Service

Frequency of Visits 2/week

Facility Name: Long Lake

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	<input checked="" type="checkbox"/>	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: 1 hour on / 4 hour off
	<input checked="" type="checkbox"/>	Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank <i>plant started up last week</i>	Color: <i>weak</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>okay - fairly clear</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"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>filters look good</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<i>on</i>
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>on filter dosing pumps</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>okay</i>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	<i>haven't handled any sludge yet</i>
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Long Lake campground NPDES permit limit violations July 2008 through March 2009

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00227*AD	July 2008	001	00530	Total Suspended Solids	30D Conc	12	53.	7/1/2008
2PR00227*AD	July 2008	001	00530	Total Suspended Solids	30D Qty	0.364	1.32399	7/1/2008
2PR00227*AD	July 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	7.06	7/1/2008
2PR00227*AD	July 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.0303	.17637	7/1/2008
2PR00227*AD	July 2008	001	31616	Fecal Coliform	30D Conc	1000	3800.	7/1/2008
2PR00227*AD	July 2008	001	80082	CBOD 5 day	30D Conc	10	12.	7/1/2008
2PR00227*AD	July 2008	001	00400	pH	1D Conc	6.5	6.01	7/1/2008
2PR00227*AD	July 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.66	7/1/2008
2PR00227*AD	July 2008	001	00400	pH	1D Conc	6.5	6.19	7/8/2008
2PR00227*AD	July 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.21	7/8/2008
2PR00227*AD	July 2008	001	00400	pH	1D Conc	6.5	6.08	7/16/2008
2PR00227*AD	July 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.77	7/16/2008
2PR00227*AD	July 2008	001	00530	Total Suspended Solids	1D Conc	18	53.	7/21/2008
2PR00227*AD	July 2008	001	00530	Total Suspended Solids	1D Qty	0.546	1.32399	7/21/2008
2PR00227*AD	July 2008	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	7.06	7/21/2008
2PR00227*AD	July 2008	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.0455	.17637	7/21/2008
2PR00227*AD	July 2008	001	31616	Fecal Coliform	1D Conc	2000	3800.	7/21/2008
2PR00227*AD	July 2008	001	00400	pH	1D Conc	6.5	6.33	7/22/2008
2PR00227*AD	July 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.99	7/22/2008
2PR00227*AD	August 2008	001	00530	Total Suspended Solids	30D Conc	12	35.	8/1/2008
2PR00227*AD	August 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	10.	8/1/2008
2PR00227*AD	August 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.0303	.08176	8/1/2008
2PR00227*AD	August 2008	001	80082	CBOD 5 day	30D Conc	10	11.	8/1/2008
2PR00227*AD	August 2008	001	00400	pH	1D Conc	6.5	6.43	8/3/2008
2PR00227*AD	August 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	3.97	8/3/2008
2PR00227*AD	August 2008	001	00400	pH	1D Conc	6.5	6.19	8/8/2008
2PR00227*AD	August 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	3.81	8/8/2008
2PR00227*AD	August 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	2.19	8/19/2008
2PR00227*AD	August 2008	001	00530	Total Suspended Solids	1D Conc	18	35.	8/22/2008
2PR00227*AD	August 2008	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	10.	8/22/2008
2PR00227*AD	August 2008	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.0455	.08176	8/22/2008
2PR00227*AD	August 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	5.17	8/23/2008
2PR00227*AD	September 2008	001	00530	Total Suspended Solids	30D Conc	12	35.	9/1/2008
2PR00227*AD	September 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	10.	9/1/2008
2PR00227*AD	September 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.0303	.08176	9/1/2008
2PR00227*AD	September 2008	001	80082	CBOD 5 day	30D Conc	10	11.	9/1/2008
2PR00227*AD	September 2008	001	00400	pH	1D Conc	6.5	6.43	9/3/2008
2PR00227*AD	September 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	3.97	9/3/2008
2PR00227*AD	September 2008	001	00400	pH	1D Conc	6.5	6.19	9/8/2008
2PR00227*AD	September 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	3.81	9/8/2008
2PR00227*AD	September 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	2.19	9/19/2008
2PR00227*AD	September 2008	001	00530	Total Suspended Solids	1D Conc	18	35.	9/22/2008
2PR00227*AD	September 2008	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	10.	9/22/2008
2PR00227*AD	September 2008	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.0455	.08176	9/22/2008
2PR00227*AD	October 2008	001	00530	Total Suspended Solids	30D Conc	12	16.	10/1/2008
2PR00227*AD	October 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.44	10/1/2008
2PR00227*AD	October 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	4.54	10/3/2008
2PR00227*AD	October 2008	001	00300	Dissolved Oxygen	1D Conc	6.0	4.27	10/8/2008
2PR00227*AD	October 2008	001	00400	pH	1D Conc	6.5	6.33	10/16/2008