



**Environmental
Protection Agency**

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

Re: **Notice of Violation**
Ashland County
Round Lake Christian Assembly
NPDES Permit

June 25, 2012

Mr. Greg Eichelberger
Round Lake Christian Assembly
114 State Route 3
Lakeville, Ohio 44638

Dear Mr. Eichelberger:

On June 1, 2012, an inspection was made of the wastewater treatment facilities serving the Round Lake Christian Assembly lodge. At the time of the inspection, all major treatment units were in operation and appeared to be functioning normally. No major concerns were noted. At the time of the inspection, all flow through the plant was being treated in the old aeration tanks and the newer aeration tanks were empty. A clear effluent was being discharged.

The camp director mentioned that the operator's log book is kept up in your office. The log should be accessible for inspection at any time. We recommend that the log be kept at the wastewater treatment plant (WWTP). This can be accomplished by installing a mailbox or other water proof enclosure.

Part II, Paragraph L, Page 7 of your National Pollutant Discharge Elimination System (NPDES) permit includes a requirement for a sign to be placed at the outfall location. No sign was observed during the inspection. A sign needs to be posted with the information as required in the NPDES permit. This requirement shall be met as soon as possible.

A review of the facility's discharge monitoring reports submitted to our office for the months of July 2011 through April 2012 revealed several **violations** of the conditions of your NPDES permit. A printout of these **violations** has been included for your review. During previous inspections, we have had discussions regarding the low flows to the treatment plant. It is your opinion that the low flows cause under loading of the biology, which can lead to violations, particularly in the spring when the lodge is used sparingly. Based on our discussions, no further response is needed at this time.

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

Sincerely,

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

/jlm
Enclosures
pc: Steve Humrichouser
ec: Tracking

Get New Data		Round Lake NPDES permit limit violations July 2011 through April 2012							
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date	
2PR00196*BD	July 2011	001	00530	Total Suspended Solids	30D Conc	12	12.8	7/1/2011	
2PR00196*BD	July 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	3.87	7/1/2011	
2PR00196*BD	July 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.05	.1103	7/1/2011	
2PR00196*BD	July 2011	001	31616	Fecal Coliform	30D Conc	1000	1300.	7/1/2011	
2PR00196*BD	July 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	3.87	7/21/2011	
2PR00196*BD	July 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.07	.1103	7/21/2011	
2PR00196*BD	March 2012	001	00530	Total Suspended Solids	30D Conc	12	14.	3/1/2012	
2PR00196*BD	March 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	8.69	3/1/2012	
2PR00196*BD	March 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	8.69	3/15/2012	

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2P00196

Facility Name Rand Lake Christian Assembly Expiration Date 11/30/2013
 Facility Address 114 SR. 3 Date 6/1/12 Time 1:00 am (pm)
 City Lakeville County Ashland Township _____
 Name and Address of Owner _____

Person Contacted Greg Einzelberger Owner Phone _____

Flow: Design 12,250 GPD Present 100 - 7000 GPD (metered - estimated)

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

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	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: Rand Lake

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	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 type="checkbox"/>	Chlorination Tablets
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dechlorination Tablets
<input type="checkbox"/>	<input type="checkbox"/>	U.V.

Yes No
 4. _____ Compliance with NPDES Permit

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

5. _____ Adequate plant safety
 6. _____ Operation and Maintenance Service Name Steve Hunsicker

Frequency of Visits ?

Facility Name: Pound 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 okay
Aeration Equipment		Plant Timer ___ Y <input checked="" type="checkbox"/> N	Cycle Time: one blower on one back up
	X	Motor/ Blower Unit <i>running</i>	
Secondary Treatment	X	Aeration Tank <i>only using older plant</i>	Color: <i>color a little weak</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N ___
Final Settling	X	Clarifier	<i>some floating sludge - clear under sludge</i>
	X	Sludge Return	In <input checked="" type="checkbox"/> Out ___
	X	Surface Skimmer	In ___ Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter	<i>no filter bed in use other beds clean & ready</i>
		Polishing Pond	
		Other	
Disinfection	X	Chlorine Tube Feeder	<i>tablets okay / tank very clear</i>
	X	Dechlorination Tube Feeder	<i>tablets okay</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	X	Recorder (continuous total)	<i>water meter in lodge</i>
Pumps	X	Raw Wastewater (type) <i>Flow EQ</i>	<i>okay</i>
	X	Sand Filter Effluent Dosing	<i>okay - new control panel</i>
Sludge Handling	X	Aerated Storage Tank	<i>tank is empty</i>
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	