



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
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
Round Lake Christian Assembly
NPDES Permit

August 19, 2009

Greg Eichelberger
Round Lake Christian Assembly
114 S.R. 3
Lakeville, Ohio 44638

Dear Mr. Eichelberger,

On August 13, 2009, 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. You were present during the inspection to answer any questions. 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. During the inspection you mentioned that the chlorine tablet feeder had been raised in order to be sure that the level of water in the tank is below the feeder so that the water is not in constant contact with the tablets. You hope that this will prevent future residual chlorine violations. You mentioned that the campground area has been seeing significant usage. Millersburg septic has been hauling from the holding tanks and dump station in the campground area to the Millersburg WWTP as needed.

A review of the facility's discharge monitoring reports for the months of May 2008 through July 2009 revealed several **violations** of the conditions of your NPDES permit. A summary of these violations is included on a separate sheet.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb
Enclosure

pc: ~~NWDO-DSW file~~
Steve Humrichouser

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2 P 200196

Facility Name Round Lake Christian Assembly Expiration Date 11/30/2013

Facility Address 114 SR-3 Date 8/12/09 Time 11:00 am pm

City Lakewood County Ashland Township _____

Name and Address of Owner _____

Person Contacted Greg F. Halberger Owner Phone _____

Flow: Design 12,500 GPD Present 1000-5000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 84° 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: Round 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 2 excellent _____ good _____ fair _____ poor operation
 b. Plant has 2 excellent _____ good _____ fair _____ poor maintenance
 c. Sand filters have 2 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	
<u>2</u>		Chlorination Tablets
		Dechlorination Tablets
		U.V.

Yes No

4. 2 Compliance with NPDES Permit

Periodic Violations Y 2 N Parameters: Chlorine, TSS

Chronic Violations _____

5. 2 Adequate plant safety

6. 2 Operation and Maintenance Service Name Steve Humrichouser

Frequency of Visits ?

Facility Name: Rand Lake

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <i>11 year</i>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	<i>okay</i>
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>good color</i> Adequate Aeration: <u>Y</u> <input checked="" type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>slightly turbid</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <u> </u>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out <u> </u>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>filters clean, look good</i>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<i>okay</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<i>okay</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<i>on water meter</i>
Pumps	<input checked="" type="checkbox"/>	Flow Wastewater (type) Flow EQ	<i>okay</i>
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	<i>do not use</i>
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	<i>Millersburg WWTW</i>
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Round Lake Christian Assembly NPDES permit limit violations May 2008 through July 2009

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00196*AD	May 2008	001	80082	CBOD 5 day	30D Conc	10	23.4	5/1/2008
2PR00196*AD	May 2008	001	80082	CBOD 5 day	7D Conc	15	23.4	5/8/2008
2PR00196*AD	May 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.15	5/16/2008
2PR00196*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.24	6/6/2008
2PR00196*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.27	6/12/2008
2PR00196*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.15	6/19/2008
2PR00196*AD	June 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.13	6/26/2008
2PR00196*AD	July 2008	001	80082	CBOD 5 day	30D Conc	10	12.6	7/1/2008
2PR00196*AD	July 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.14	7/2/2008
2PR00196*AD	July 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.24	7/10/2008
2PR00196*AD	July 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.1	7/17/2008
2PR00196*AD	July 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.14	7/24/2008
2PR00196*AD	August 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.18	8/5/2008
2PR00196*AD	August 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.27	8/14/2008
2PR00196*AD	September 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.2	9/5/2008
2PR00196*AD	September 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.15	9/12/2008
2PR00196*AD	September 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.12	9/19/2008
2PR00196*AD	October 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.21	10/10/2008
2PR00196*AD	October 2008	001	50060	Chlorine, Total Residu	1D Conc	.038	.21	10/17/2008
2PR00196*BD	May 2009	001	50060	Chlorine, Total Residu	1D Conc	0.038	.09	5/1/2009
2PR00196*BD	July 2009	001	00530	Total Suspended Solids	30D Conc	12	19.2	7/1/2009
2PR00196*BD	July 2009	001	31616	Fecal Coliform	30D Conc	1000	8600.	7/1/2009
2PR00196*BD	July 2009	001	80082	CBOD 5 day	30D Conc	10	24.	7/1/2009
2PR00196*BD	July 2009	001	00530	Total Suspended Solids	1D Conc	18	19.2	7/21/2009
2PR00196*BD	July 2009	001	31616	Fecal Coliform	1D Conc	2000	8600.	7/21/2009
2PR00196*BD	July 2009	001	80082	CBOD 5 day	1D Conc	15	24.	7/21/2009