



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.ohio.gov

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korteski, Director

Re: Ottawa County
Luther Home of Mercy
NPDES Permit

April 6, 2010

Mr. John Matuszynski
Luther Home of Mercy
P. O. Box 187
Williston, Ohio 43468

Dear Mr. Matuszynski:

On March 18, 2010, an inspection was made of the wastewater treatment facilities serving the Luther Home of Mercy. In general, both operation and maintenance were good. At the time of my visit, all major treatment components were in operation and a clear final effluent was observed in the effluent catch basin. One of the surface sand filters was ponded and leaking effluent off the property. I notified CWS, your maintenance service, who informed me that the walls will be resealed. There were also dried solids from the filters piled outside the walls, which should be removed and disposed of at the landfill.

NPDES discharge monitoring reports are being received in a timely manner and have indicated numerous violations over the past two years. Enclosed is a copy of the violations to review with your operator. Please notify me of operational efforts to address the violations.

Enclosed is my completed inspection report. If you have any questions, please call me at (419) 373-3020 or email at rick.zuzik@epa.state.oh.us.

Sincerely,



Richard A. Zuzik, MSE
Division of Surface Water

/cs

Enclosure

pc: Ottawa County Health Department
CWS Environmental
~~DSW, NWDO File~~

Get New Data

Permit No	Reporting Period	Station	Reporting		Parameter	Limit Type	Limit	Reported	Violation
			Code					Value	Date
2PS00013*BD	January 2008	001	00610		Nitrogen, Ammonia (NH3)	1D Conc	4.5	5.7	1/21/2008
2PS00013*BD	January 2008	001	00610		Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.35	1/1/2008
2PS00013*BD	September 2008	001	00530		Total Suspended Solids	1D Conc	18	31.	9/15/2008
2PS00013*BD	September 2008	001	00530		Total Suspended Solids	1D Qty	2.21	4.07152	9/15/2008
2PS00013*BD	September 2008	001	00610		Nitrogen, Ammonia (NH3)	1D Conc	1.5	4.3	9/2/2008
2PS00013*BD	September 2008	001	00610		Nitrogen, Ammonia (NH3)	30D Conc	1.0	2.285	9/1/2008
2PS00013*BD	September 2008	001	00610		Nitrogen, Ammonia (NH3)	1D Qty	0.18	.31737	9/2/2008
2PS00013*BD	September 2008	001	00610		Nitrogen, Ammonia (NH3)	30D Qty	0.12	.17642	9/1/2008
2PS00013*BD	August 2008	001	31616		Fecal Coliform	30D Conc	1000	1200.	8/1/2008
2PS00013*BD	October 2008	001	31616		Fecal Coliform	1D Conc	2000	10000.	10/20/2008
2PS00013*BD	October 2008	001	31616		Fecal Coliform	30D Conc	1000	10000.	10/1/2008
2PS00013*BD	March 2008	001	00530		Total Suspended Solids	1D Conc	18	28.	3/18/2008
2PS00013*BD	October 2009	001	00610		Nitrogen, Ammonia (NH3)	1D Conc	1.5	4.5	10/19/2009
2PS00013*BD	October 2009	001	00610		Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.6	10/1/2009
2PS00013*BD	October 2009	001	00610		Nitrogen, Ammonia (NH3)	1D Qty	0.18	.7324	10/19/2009
2PS00013*BD	October 2009	001	00610		Nitrogen, Ammonia (NH3)	30D Qty	0.12	.254	10/1/2009
2PS00013*BD	April 2009	001	00610		Nitrogen, Ammonia (NH3)	1D Qty	0.55	1.04443	4/20/2009
2PS00013*BD	April 2009	001	00610		Nitrogen, Ammonia (NH3)	30D Qty	0.37	.53642	4/1/2009
2PS00013*BD	May 2009	001	00610		Nitrogen, Ammonia (NH3)	1D Conc	1.5	2.5	5/4/2009
2PS00013*BD	May 2009	001	00610		Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.33	5/1/2009
2PS00013*BD	May 2009	001	00610		Nitrogen, Ammonia (NH3)	1D Qty	0.18	.47313	5/4/2009
2PS00013*BD	May 2009	001	00610		Nitrogen, Ammonia (NH3)	30D Qty	0.12	.24625	5/1/2009
2PS00013*BD	March 2009	001	00610		Nitrogen, Ammonia (NH3)	1D Qty	0.55	1.03331	3/2/2009
2PS00013*BD	March 2009	001	00610		Nitrogen, Ammonia (NH3)	30D Qty	0.37	.51665	3/1/2009
2PS00013*BD	June 2009	001	31616		Fecal Coliform	1D Conc	2000	5000.	6/1/2009
2PS00013*BD	June 2009	001	31616		Fecal Coliform	30D Conc	1000	5000.	6/1/2009

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PS00013

Facility Name Luther Home of Mercy Expiration Date: 5-31-11

Facility Address 5810 N. Main Date 3-18-10 Time 10³⁰ am pm

City Williston County Ottawa Township Allen

Name and Address of Owner P.O. Box 187, Williston, OH 43468, John Matuszynski

Person Contacted Mark, Maintenance Owner Phone (419) 836-7741

Flow: Design 32,500 GPD Present _____ GPD (metered - estimated)

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

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
<u>0</u>	None		Clear		None		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: Williston Ditch - Not Observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		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	<u>N/A</u>
_____	_____	Chlorination Tablets
_____	_____	Dechlorination Tablets
_____	_____	Ultraviolet (U.V.)

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y N Parameters: TSS, Bacteria
 Chronic Violations Ammonia

5. Adequate plant safety

6. Operation and Maintenance Service

Name CWS Environmental

Frequency of Visits _____

Facility Name: Luther Home of Mercy

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment		Plant Timer <u> </u> Y <u> </u> N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment		Aeration Tank	Color: <u>Light Brown</u> Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling <u>2 plants</u> <u>20,000</u> <u>12,500</u>		Clarifier	<u>Normal</u>
		Sludge Return	In <input checked="" type="checkbox"/> Out
		Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	4	Surface Sand Filter	<u>one ponded & leaking</u>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	
	1	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Dosing		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
	2	Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	
		Spray Irrigation	
		Other	