



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

Re: **Notice of Violation**
Van Wert County
Ridgeview Hospital
NPDES Permit

September 4, 2013

Mr. Jerry Wasserman
Ridgeview Hospital
17872 Lincoln Highway
Middle Point, Ohio 45863

Dear Mr. Wasserman:

On August 20, 2013, I conducted an inspection at the Ridgeview Hospital wastewater treatment plant (WWTP). You, Mr. Mike Leis and Mr. John Ringwald were present and provided information on operation and maintenance of the wastewater treatment system. At the time of inspection, all of the major treatment units at the WWTP were in service and the effluent from the WWTP was clear, colorless, and had no noticeable odor.

We discussed that the hospital will be adding another wing. You currently have 40 beds at the facility and will have a total of 70 beds when the addition is complete. Your current average flow rate with all beds occupied is 2,600 gallons per day. The design flow for the WWTP is 10,000 gallons per day. Ohio Administrative Code (OAC) 3745-42-05 requires that WWTPs for an institution have design flow as follows:

$$\begin{aligned} 100 \text{ gallons per day per bed} \times 70 \text{ beds} &= 7,000 \text{ gpd} \\ + 35 \text{ gallons per day per employee} \times 45 \text{ daily employees} &= 1,575 \text{ gpd} \\ \text{Total} &= 8,575 \text{ gpd} \end{aligned}$$

Based on this information, the WWTP is sized appropriately to accommodate the new addition.

A review of the discharge monitoring reports (DMRs) from July 2012 through July 2013 shows that there have been several effluent limit violations. The specific instances of non-compliance are enclosed on a separate sheet. Our completed inspection report is enclosed. If you have any questions, please contact me at (419) 373-3006.

Sincerely,

Peggy B. Christie
Division of Surface Water

/jlm

Enclosures

pc: Mr. Mike Leis

ec: Inspection Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 26500020

Facility Name Ridgeview Hospital Expiration Date Dec. 31, 2014
 Facility Location 17872 Lincoln Hwy Date 8/20/13 Time 9:30 am
 City Michelle Point County Van Wert Township Ridge
 Name of Owner Ridgeview Hospital Owner Phone 419-9108-2950
 Person Contacted Jessy Kasseman / Mike Leis Operator of Record Mike Leis
 Flow Design 10,000 GPD WWTP Classification: ✓ A or I
 Trib. Pop. 10 beds (actual - estimated) Weather at time of inspection: Temp 70s° Sunny
 OEPA Personnel Peggy Christie District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	Turbidity	Odor	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: not observed. Longwell Ditch

	None	Mild	Moderate	Serious

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- N/A

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"/>	_____ Chlorination Tablets
<input checked="" type="checkbox"/>	_____ Dechlorination Tablets
_____	_____ Ultraviolet (U.V.)

Yes No

4. Compliance with NPDES Permit - Time Period: July 2012 to July 31, 2013
 Periodic Violations N Parameters: TSS, Ammonia
 Chronic Violations _____
 5. O & M logbook kept and available on site; Location _____
 6. Staffing Requirement Met Class A (2 days per week for minimum 1 hour per week)
 (Class I - 3 days per week for minimum 1.5 hours per week)
 7. Adequate Plant Safety: Deficiencies Area fenced and locked

Facility Name: Ridgeview Hospital

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency <i>Every 3 months - Grier</i>
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: <i>on two hours off 15 min.</i>
		Motor / Blower Unit	
Secondary Treatment	2	Aeration Tank	Color: <i>Dark Brown</i> Adequate Aeration <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	2	Clarifier	<i>Clean</i> <i>Water slightly cloudy</i>
		Sludge Return	In <input checked="" type="checkbox"/> Out
		Surface Skimmer	In <input type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>last in use - clean.</i>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering	→	Elapsed Pump Time	
		Recorder (continuous total)	<i>Use water meter.</i>
Pumps	2	Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling	2	Aerated Storage Tank	<i>old sludge tank not being used - considering updating plumbing in order to use it.</i>
		Sludge Drying Bed	<i>- not used.</i>
Sludge Disposal		Municipal PDTW	<i>Hauled by Grier</i>
		Landfill	
		Land Application	
Advanced Treatment	1	Post Aeration	
		Spray Irrigation	
		Other	

Facility will be adding a wing - when complete there will be 70 beds

Ridgeview Hospital NPDES Permit # 2GS00020

Permit Limit Violations from July 2012 through July 2013

Reporting Period	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2012	00530	Total Suspended Solids	30D Conc	12	14.	8/1/2012
March 2013	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	16.5	3/1/2013
March 2013	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	16.5	3/8/2013