



**Environmental  
Protection Agency**

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

Re: Huron County  
Norwalk American Legion, Post 41  
NPDES Permit Inspection

May 24, 2012

Mr. Jeff Kronwitter, Finance Officer  
Norwalk American Legion, Post 41  
1544 U.S. Route 20 West  
Norwalk, Ohio 44857

Dear Mr. Kronwitter:

On April 25, 2012, Ohio EPA representatives Tom Poffenbarger and I conducted a brief inspection of the wastewater treatment plant (WWTP) serving the Norwalk American Legion Post 41. Our observations are as follows:

1. The contents in the aeration tank were very light brown and there was light white foam. It was noted that the blower is not operated on a timer. The plant is constantly aerated and the rate of aeration appeared adequate at the time of the inspection.
2. There was a significant amount of sludge floating on top of the clarifier and in the clarifier weir, possibly indicating that de-nitrification of the sludge had occurred.
3. The sand filters appeared to have recently been cleaned. The solids that were recently cleaned off of the filters were piled outside of the beds. These solids should be removed and properly disposed of as soon as possible. Please make sure to weigh the solids and report the weight on the 2012 Annual Sewage Sludge Report which is due in January 2013.
4. No discharge was observed from the disinfection tank. The water in the contact tank had a light tan/yellow color.
5. A review of the plant operations log sheet indicates that Mike Logsdon and Pat Trautman from Eastwood Environmental are filling out the operations log. The Operator of Record (ORC) notification form submitted to Ohio EPA in May 2011 does not list Mr. Trautman as an ORC for your facility. Therefore, the time Mr. Trautman spends at your facility does not count towards the minimum staffing requirements. Please submit a revised ORC notification form to Ohio EPA if you wish to add Mr. Trautman as an ORC for your facility.

Mr. Jeff Kronwitter  
May 24, 2012  
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6. The Operator's Log for April 2012 indicates that a representative from Eastwood Environmental is visiting the plant three days per week, with an average visit lasting approximately 15 minutes. Part II.A.3 of your National Pollutant Discharge Elimination System (NPDES) permit requires your operator of record to be physically present at the facility a minimum of three days per week for a minimum of 1.5 hours per week. Your facility is not in compliance with this requirement. Steps need to be taken to come into compliance with the minimum staffing time.
7. A review of the discharge monitoring reports (DMR) from February 2011 to March 2012 shows effluent limit violations of the Nitrogen Ammonia (NH3) and Total Suspended Solids (TSS) parameters of your NPDES permit. A copy of the violations is enclosed. Please inform this office in writing, within 30 days, as to the reasons for the effluent violations, as well as the actions that will be taken to improve operations and prevent further violations from occurring. Please submit a copy of your signed and dated response letter to my attention at Ohio EPA, Northwest District Office, 347 North Dunbridge Road, Bowling Green, Ohio, 43402.

In the past several years, our agency conducted several inspections of your facility and met Legion representatives and your operator to try to improve compliance. Despite these efforts, compliance has not improved and your facility remains in **significant non-compliance** with the NPDES permit limits and requirements. Ohio EPA is obligated to take action to address the violations noted above. Our office will be recommending the issuance of Director's Final Findings and Orders (DFFOs) with a financial penalty. As part of the DFFOs, we will require Norwalk American Legion to evaluate abandoning the WWTP and connecting to the City of Norwalk sewers at the pump station located next to the National Guard Armory.

If you have any questions regarding the inspection or this letter, please contact me at (419) 373-3003 or via email at [andrew.gall@epa.state.oh.us](mailto:andrew.gall@epa.state.oh.us)

Sincerely,



Andrew Y. Gall  
Environmental Specialist II  
Division of Surface Water

/jlm

Enclosures

pc: Eastwood Environmental  
Huron County Health Department

ec: Inspection Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PR00183\*BD

Facility Name Norwalk American Legion Expiration Date 3/31/2013  
 Facility Address 1544 US Rte 20W Date 4/25/12 Time 2:00 am  pm  
 City Norwalk County Huron Township \_\_\_\_\_

Name and Address of Owner Jeff Kronewitter, Finance Officer

Person Contacted \_\_\_\_\_ Owner Phone 419-668-4626

Flow: Design 1500 GPD Present 500 GPD (metered  estimated) DMR Data

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp \_\_\_\_\_ ° P. Cloudy

OEPA Personnel Andrew Gall & Tom Poffenberger District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate	<input checked="" type="checkbox"/>	Light Solids		Musty	<input checked="" type="checkbox"/>	Grey Tan/Yellow
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: \_\_\_\_\_

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

Out of Season

Yes No

4.  Compliance with NPDES Permit

Periodic Violations Y N X Parameters: TSS  
 Chronic Violations \_\_\_\_\_ X NH3

5.  Adequate plant safety

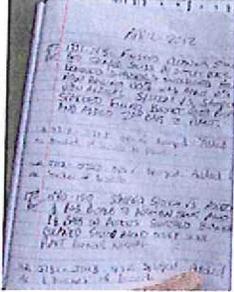
6.  Operation and Maintenance Service Name Eastwood

Frequency of Visits 3/week

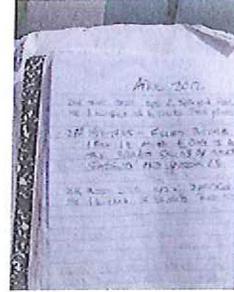
Facility Name: Normalk America Legion

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: <i>As Needed</i>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	X	Plant Timer <u>Y</u> <u>X</u> N Motor/ Blower Unit	Cycle Time: <i>No Timer, Always On</i>
Secondary Treatment	X	Aeration Tank	Color: <i>Light Brown, Low Solids,</i> Adequate Aeration: <u>Y</u> N <i>Weak, Light Foam</i>
Final Settling	1	Clarifier	<i>Solids Denitrified Floating in clear end to of tank,</i>
	1	Sludge Return	In X Out <i>Clear</i>
	1	Surface Skimmer	In X Out <i>Clear</i>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>Recently cleaned - sand/sludge next to filter</i>
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	
	1	Chlorine Tube Feeder	<i>Out of Season Tablets IN</i>
	1	Dechlorination Tube Feeder	<i>Out of Season Tablets IN</i>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	1	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Norwalk American Legion WWTP  
April 25, 2012  
Photo By: Andrew Gail, Ohio EPA, NWDO DSW  
Operations Log Book



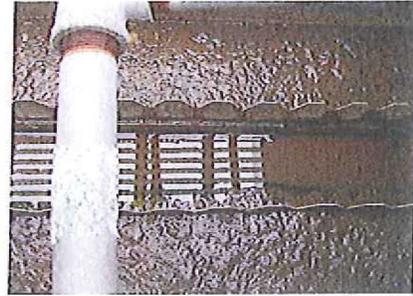
Norwalk American Legion WWTP  
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Operations Log Book



Norwalk American Legion WWTP  
April 25, 2012  
Photo By: Andrew Gail, Ohio EPA, NWDO DSW  
Aeration Tank



Norwalk American Legion WWTP  
April 25, 2012  
Photo By: Andrew Gail, Ohio EPA, NWDO DSW  
Clarifier



Norwalk American Legion WWTP  
April 25, 2012  
Photo By: Andrew Gail, Ohio EPA, NWDO DSW  
Sludge and Sand Piled next to sand filter



Norwalk American Legion WWTP  
April 25, 2012  
Photo By: Andrew Gail, Ohio EPA, NWDO DSW  
Water from Disinfection Tank



Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00183*BD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	29.025	2/1/2011
2PR00183*BD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	22.1	2/7/2011
2PR00183*BD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	28.	2/14/2011
2PR00183*BD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	34.8	2/21/2011
2PR00183*BD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	31.2	2/23/2011
2PR00183*BD	May 2011	001	00530	Total Suspended Solids	30D Conc	12	22.	5/1/2011
2PR00183*BD	May 2011	001	00530	Total Suspended Solids	1D Conc	18	21.	5/9/2011
2PR00183*BD	May 2011	001	00530	Total Suspended Solids	1D Conc	18	23.	5/24/2011
2PR00183*BD	January 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	14.5	1/1/2012
2PR00183*BD	January 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	8.2	1/10/2012
2PR00183*BD	January 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	20.8	1/24/2012
2PR00183*BD	February 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	17.1	2/1/2012
2PR00183*BD	February 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	30.	2/1/2012
2PR00183*BD	February 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	38.7	2/8/2012
2PR00183*BD	February 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	34.2	2/28/2012
2PR00183*BD	March 2012	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	40.35	3/1/2012
2PR00183*BD	March 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	39.2	3/13/2012
2PR00183*BD	March 2012	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	41.5	3/27/2012