



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

Re: Erie County  
Vermilion VFW Post 7576  
NPDES Permit

October 2, 2013

Mr. Darin Stowers, Commander  
Vermilion VFW Post 7576  
7576 Poorman Road  
Vermilion, Ohio 44089

Dear Commander Stowers:

On September 11, 2013, an inspection was made of the wastewater treatment plant (WWTP) serving the Post. In general, both operation and maintenance appeared good. At the time of my visit, major plant components were in operation and a clear final effluent was observed in the contact tank.

National Pollutant Discharge Elimination System (NPDES) permit discharge monitoring reports are being received in a timely manner, and only a few minor total suspended solids effluent violations were reported so far this year. .

My inspection report is enclosed. I appreciate your support and look forward to your continuing cooperation in the future. If you have any questions, please call me at (419) 373-3020 or email at [rick.zuzik@epa.ohio.gov](mailto:rick.zuzik@epa.ohio.gov).

Sincerely,

Richard A. Zuzik, MSE  
Division of Surface Water

/jlm

Enclosure

pc: Erie County Health Department  
Wood Environmental  
ec: Tracking

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

NPDES Permit No. 2PRO0156 KCD

Facility Name Vermilion VFW Post 7576 Expiration Date 5-31-17  
 Facility Location 7576 Poolman Rd, just S of RR Tracks Date 9-11-13 Time 11<sup>15</sup> (AM) PM  
 City - County Erie Township Vermilion  
 Name of Owner Darin Stowers, Commander Owner Phone (440) 967-6231  
 Person Contacted - Operator of Record Dan Wood  
 Flow Design 3250 GPD WWTP Classification:  A or  I  
 Trib. Pop. 50 bar + banquet (actual - estimated) Weather at time of inspection: Temp 80° Cloudy  
 OEPA Personnel Bick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	Turbidity	Odor	Color
<u>0</u>	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: Chappel Creek

<input checked="" type="checkbox"/>	None	<input type="checkbox"/> Mild	<input type="checkbox"/> Moderate	<input type="checkbox"/> Serious
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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"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>

Chlorination Tablets  
 Dechlorination Tablets  
 Ultraviolet (U.V.)

Yes No

4.  Compliance with NPDES Permit - Time Period: 1/13 to 9/13

Periodic Violations  N Parameters: suspended solids

Chronic Violations \_\_\_\_\_

5.  D & M logbook kept and available on site: Location Blower Housing  
 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 \_\_\_\_\_

Facility Name: Vermilion VFW 7576

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	1	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
		Motor / Blower Unit	
Secondary Treatment	1	Aeration Tank	Color: Dilute Adequate Aeration <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	1	Clarifier	good settling
		Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	Well kept, some standing water on north side
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	Clear
		Chlorine Tube Feeder	IN
		Dechlorination Tube Feeder	IN
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
		Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	1	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	