



State of Ohio Environmental Protection Agency

**Northwest District Office**

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[www.epa.state.oh.us](http://www.epa.state.oh.us)

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

Re: Ottawa County  
Fenwick Marina  
NPDES Permit

September 22, 2008

Ms. Cathy Gradel  
Fenwick Marina  
10195 W. State Route 2  
Oak Harbor, OH 43449

Dear Ms. Gradel:

On August 26, 2008, an inspection was made of the wastewater treatment facilities serving Fenwick Marina. In general, both operation and maintenance appeared fair. At the time of my visit all major treatment components were in operation, however, mixed liquor in the aeration tank was very dilute, indicating low influent flows, and the outlet weir in the clarifier was dry. There was no discharge taking place from the chlorine contact tank.

I found the warning light flashing on the sand filter dosing station, and you stated that you have an electrical problem and have been manually operating the pumps. This should be repaired prior to next season. Also, there were no dechlorination tablets in the tube feeder. Disinfection season is May 1<sup>st</sup> through October 31<sup>st</sup>.

Please find enclosed my inspection report. If there are any errors, or if you have any questions, please feel free to call me at (419) 373-3020 or email at [rick.zuzik@epa.state.oh.us](mailto:rick.zuzik@epa.state.oh.us).

Sincerely,

Richard A. Zuzik, MSE  
Division of Surface Water

/csl

pc: Ottawa County Health Dept.  
DSW, NWDO file

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2P000130

Facility Name Fenwick Marina Expiration Date 8-31-10

Facility Address 10195 W. SR 2 Date 8-26-08 Time 12<sup>30</sup> am (pm)

City - County Ottawa Township Carroll

Name and Address of Owner John Gradel

Person Contacted Cathy Gradel Owner Phone (419) 898-7009

Flow: Design 15,000 GPD Present 1-2000 GPD (metered - estimated)

Trib. Pop. Marina/campground (actual - estimated) Weather at time of inspection: Temp 80° Clear

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No. NO DISCHARGE

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

2. Effect of effluent on Receiving Stream Name: Turtle Creek - No discharge ATOV

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) hydraulic/organic underload

Disinfection: (Required May 1 thru Oct. 31)	
IN	OUT
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
	Chlorination Tablets
	Dechlorination Tablets
	Ultraviolet (U.V.)

Yes  No

4. \_\_\_\_\_ Compliance with NPDES Permit

Periodic Violations Y N Parameters: \_\_\_\_\_  
 Chronic Violations Y N \_\_\_\_\_

5.  Adequate plant safety

6.  Operation and Maintenance Service

Name Jones & Henry (lab only)  
 Frequency of Visits 1/wk

Facility Name: Fenwick Marina

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	1	Flow Equalization	8000 gal
Aeration Equipment		Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
	2	Motor / Blower Unit	
Secondary Treatment	2	Aeration Tank	Color: Diluted brown Adequate Aeration Y <input checked="" type="checkbox"/> N
Final Settling	1	Clarifier	Weir dry duckweed covered
	2	Sludge Return	In <input checked="" type="checkbox"/> Out
	1	Surface Skimmer	In <input checked="" type="checkbox"/> Out
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	OK
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	stagnant
	1	Chlorine Tube Feeder	
	1	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	OUT
		Spray Irrigation	
		Other	