



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.state.oh.us

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

Re: Ottawa County
Wildflower Place Subd.
NPDES Violation

September 8, 2009

Mr. Mike Szymanski, Trustee
Wildflower Place Homeowners Assn.
22251 West Honeysuckle Lane
Curtice, Ohio 43412

Dear Mr. Szymanski:

On August 25, 2009, an inspection was made of the wastewater treatment facilities serving Wildflower Place Subdivision. In general, operation of the plant was good, while maintenance of the sand filters was poor. Despite the condition of the sand filters, a clear final effluent was observed in the contact tank.

At the time of my visit, all major mechanical treatment components were in operation, however, two of the sand filters were severely ponded, and the other two heavily weeded. This is a chronic problem and directly related to the well documented excessive infiltration/ inflow issues. Monthly NPDES discharge monitoring reports are being received and indicate numerous effluent violations since the beginning of the year. Enclosed is copy of the violations to review with your operator.

Please provide me with an update on the required submittal of a plan of action to address removal of excessive clean water from the sanitary sewer system, and plant improvements. Apparently there has been ongoing conversation regarding the sequence of conducting improvements. Decisions need to be made and work initiated in the near future. Please be aware that ongoing effluent violations as well as the ongoing violation of the NPDES permit Schedule of Compliance may subject you to enforcement action through the Ohio Attorney General's Office, and may include a financial penalty in order to gain your compliance.

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

/csi

Pc: Ottawa County Health Dept.
Eastwood Environmental
DSW, NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

Facility Name Wildflower Place Subd NPDES Permit No. 2PW00010
 Facility Address Genoa - Clay Center Rd Expiration Date 9-30-10
 City - County Ottawa Township Allen Date 8/25/09 Time 10⁰⁰ (am) / pm
 Name and Address of Owner Homeowner Assn. Mike Szymanski, Trustee
 Person Contacted Dave Wallbarger, Trustee Owner Phone (419) 836-2006
 Flow: Design 56,900 GPD Present _____ GPD (metered - estimated)
 Trib. Pop. 160 lots (actual) (estimated) Weather at time of inspection: Temp 75° 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		<u>Clear</u>		<u>None</u>		<u>Colorless</u>
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Crane Creek - 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:

Disinfection: (Required May 1 thru Oct 31)

IN	OUT	
<u>✓</u>	_____	Chlorination Tablets
<u>✓</u>	_____	Dechlorination Tablets
_____	_____	Ultraviolet (U.V.)

- (1) _____ hydraulic overload
 (2) _____ organic/solids overload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Yes No

1/1/09 - 7/28/09

4. ✓ Compliance with NPDES Permit

Periodic Violations Y N Parameters: eBOD, Bacteria

Chronic Violations ✓ _____ TSS, Ammonia, NPDES Compliance Schedule

5. ✓ Adequate plant safety (No fence around filters)

6. ✓ Operation and Maintenance Service

Name Castwood Env.

Frequency of Visits 1/wk

Facility Name: Wildflower Place

Process	# Units	Unit	If Needed - Description and Comments
Preliminary		Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	1	Flow Equalization w/ Flow Splitter	in
Aeration equipment		Plant Timer <u>Y</u> <u>N</u>	Cycle Time:
		Motor / Blower Unit	
Secondary treatment	8	Aeration Tank	Color: <u>Brown</u> Adequate Aeration <u>Y</u> <u>N</u>
Final Settling	2	Clarifier	heavy scum in north plant
	4	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	2	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	4	Surface Sand Filter	2 ponded, 2 heavily weeded
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	clear
	1	Chlorine Tube Feeder	in
	1	Dechlorination Tube Feeder	in
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Imps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal		Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	in
		Spray Irrigation	
		Other	

1/1/09 - 7/28/09

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PW00010*BD	April 2009	001	00530	Total Suspended Solids	30D Conc	12	13.	4/1/2009
2PW00010*BD	April 2009	001	00530	Total Suspended Solids	1D Conc	18	41.	4/16/2009
2PW00010*BD	April 2009	001	00530	Total Suspended Solids	1D Qty	3.9	5.74185	4/16/2009
2PW00010*BD	May 2009	001	00530	Total Suspended Solids	1D Conc	18	25.	5/14/2009
2PW00010*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	7.09	6/1/2009
2PW00010*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.22	.99292	6/1/2009
2PW00010*BD	June 2009	001	31616	Fecal Coliform	30D Conc	1000	1039.23	6/1/2009
2PW00010*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	9.62	6/4/2009
2PW00010*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.32	1.34723	6/4/2009
2PW00010*BD	June 2009	001	31616	Fecal Coliform	1D Conc	2000	3600.	6/4/2009
2PW00010*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	4.56	6/18/2009
2PW00010*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.32	.63861	6/18/2009
2PW00010*BD	June 2009	001	00530	Total Suspended Solids	1D Conc	18	30.	6/25/2009
2PW00010*BD	June 2009	001	00530	Total Suspended Solids	1D Qty	3.9	4.20135	6/25/2009
2PW00010*BD	July 2009	001	00530	Total Suspended Solids	30D Conc	12	85.25	7/1/2009
2PW00010*BD	July 2009	001	00530	Total Suspended Solids	30D Qty	2.6	11.9388	7/1/2009
2PW00010*BD	July 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	3.07	7/1/2009
2PW00010*BD	July 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	2.605	7/1/2009
2PW00010*BD	July 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.32	.42994	7/1/2009
2PW00010*BD	July 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.22	.36482	7/1/2009
2PW00010*BD	July 2009	001	80082	CBOD 5 day	30D Conc	10	10.5	7/1/2009
2PW00010*BD	July 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	2.14	7/16/2009
2PW00010*BD	July 2009	001	00530	Total Suspended Solids	1D Conc	18	316.	7/23/2009
2PW00010*BD	July 2009	001	00530	Total Suspended Solids	1D Qty	3.9	44.2542	7/23/2009
2PW00010*BD	July 2009	001	80082	CBOD 5 day	1D Conc	15	33.	7/23/2009
2PW00010*BD	July 2009	001	80082	CBOD 5 day	1D Qty	3.2	4.62149	7/23/2009