



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road
Bowling Green, OH 43402-9398

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

Re: Marion County
Fountain Place
NPDES Permit

March 9, 2009

Mr. Roger Dietrich
Marion County Sanitary Engineering Dept
222 West Center Street
Marion, OH 43302

Dear Mr. Dietrich:

On February 20, 2009, an operation and maintenance inspection was made of the wastewater treatment plant serving the Fountain Place. The treatment facility is located at 3068 Marion-Waldo Road (State Route 423) in Pleasant Township, Marion County. Mr. Craig Woodrum was present and provided information regarding the operation of the WWTP.

At the time of the inspection, the treatment facility was in operation and the contents of the aeration tanks were brown with good roll. The final discharge to Qu Qua Creek was visually clear. However, we did not collect effluent samples to determine the water quality of the discharge during our visit.

Our review of your discharge monitoring reports (1/1/2008 to 2/1/2009) for this facility indicated two effluent violations. Please refer to the enclosed violation table. Our completed inspection form is enclosed for your review. If you have any questions or comments feel free to call me at (419) 373-3021.

Yours truly,

Jason Ko
Division of Surface Water

/lb

Enclosures

pc: NWDO File

OHIO ENVIRONMENTAL PROTECTION AGENCY
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PG00035

Facility Name: The Fountain Place WWTP Expiration Date: 10/31/2010

Facility Address: 3068 Marion-Waldo Road Date: 2/20/2009 Time: 9:30 am

City: Marion County: Marion Township: Pleasant

Name and Address of Owner: Marion County Sanitary Engineer, 222 West Center Street, Marion, OH 43302

Person Contacted: Mr. Craig Woodrum Phone: (740) 389-1526

Flow: Design: 100,000 GPD Present GPD

Trib. Pop. 655 (estimated) Weather at time of inspection: Temp 15°F - Clear

OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	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: Qu Qua Creek

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has excellent X good fair poor operation
 b. Plant has excellent X 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.) - N/A

IN OUT
 X Chlorination
 X Dechlorination
 U.V

- | | | | | | |
|--------------|-------------------|-----------------------------------|---------------------|------------------------------------|-------------------|
| Yes | No | | Yes | No | Parameters |
| <u> X </u> | <u> </u> | Compliance with NPDES Permit | Periodic Violations | <u> </u> | <u> </u> |
| <u> X </u> | <u> </u> | Adequate Plant Safety | Chronic Violation | <u> </u> | <u> </u> |
| <u> X </u> | <u> </u> | Operation and Maintenance Service | Name: | <u>Marion County Sanitary Dept</u> | |

Frequency of Visits: 5/week

Facility Name: Fountain Place

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 1/month
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	Aerated
Aeration Equipment		Plant Timer <u>X</u> <u>Y</u> <u>N</u>	Cycle Time: 1/2 hr "ON" & 1/2 hr "OFF" (both NEW & OLD plants)
	3	Motor/ Blower Unit	
Secondary Treatment	2	Aeration Tank	Color: Brown Adequate Aeration: <u>Y</u> <u>X</u> <u>N</u> <u> </u>
Final Settling	2	Clarifier	
	4	Sludge Return	In <u>X</u> Out <u> </u> Returning solids
	3	Surface Skimmer	In <u>X</u> Out <u> </u> Returning clear
	2	Fixed Media Clarifier	Replace media spring of 2009
Tertiary Treatment	4	Surface Sand Filter	Out - need to repair the underdrain system
		Polishing Pond	
		Other	
Disinfection	Out	Chlorine	
	Out	Dechlorination	
	1	Contact Tank	
Flow Metering	IN	Flow Meter	Ultrasonic at influent splitter box
		Other	
Pumps	2	Raw Wastewater (type)	In influent pump station
	2	Sand Filter Effluent Dosing	Replace the piping system spring of 2009
Sludge Handling	2	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	Haul to Richland Road WWTP
		Landfill	
		Land Application	
Advanced Treatment	OUT	Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00035*FD	March 2008	001	80082	CBOD 5 day	30D Qty	3.8	4.52345	3/1/2008
2PG00035*FD	March 2008	001	80082	CBOD 5 day	7D Qty	5.7	7.96818	3/1/2008