



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

Re: Marion County  
Fountain Place  
NPDES Permit

January 31, 2013

Mr. Roger Dietrich  
Marion County Sanitary Engineering Department  
222 West Center Street  
Marion, Ohio 43302

Dear Mr. Dietrich:

On January 9, 2013, an operation and maintenance inspection was made of the wastewater treatment plant (WWTP) serving Fountain Place. The treatment facility is located at 3068 Marion-Waldo Road (State Route 423) in Pleasant Township, Marion County. This inspection was conducted to evaluate compliance with your facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PG00035\*GD.

At the time of the inspection, the treatment facility was in operation and the contents of the aeration tanks were brown with good roll. All major treatment components were in service except for the sand filters. Sand filters were down due to a broken dosing pipe in the dosing chamber. All major treatment components should be returned to service as soon as possible. The final discharge to Qu Qua Creek was visually clear.

We understand that the dosing pipe in the dosing chamber and fixed media replacement are due to be completed before or by September of 2014 per your email dated January 18, 2013. We encourage you to make these repairs as soon as possible. The County is also in the process of replacing the original 60,000 gpd (old) package plant by September of 2014.

Our review of your discharge monitoring reports (7/1/2011 to 12/31/2012) for this facility indicated two effluent violations. Please refer to the enclosed violation tables. Our completed inspection form is enclosed for your review. If you have any questions or comments, please call me at (419) 373-3021.

Yours truly,

Jason Ko  
Division of Surface Water

/jlm  
Enclosures  
ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY  
OPERATION AND MAINTENANCE INSPECTION

NPDES Permit No. 2PG00035

Facility Name: The Fountain Place WWTP Expiration Date: 2/29/2016

Facility Address: 3068 Marion-Waldo Road Date: 1/9/2013 Time: 11:00 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. Jeff Good Phone: (740) 389-1526

Flow: Design: 100,000 GPD Present                      GPD

Trib. Pop. 655 (estimated) Weather at time of inspection: Temp 40°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                      good                      X fair                      poor operation  
 b. Plant has                      excellent                      good                      X fair                      poor maintenance  
 c. Sand filters have                      excellent                      good                      fair                      X 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  
                     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 w/ smaller blower
Aeration Equipment		Plant Timer <u>X</u> <u>Y</u> <u>    </u> <u>N</u>	Cycle Time: 1/2 hr "ON" & 1/2 hr "OFF" (both NEW & OLD plants)
	3	Motor/ Blower Unit	OLD plant is due to be replaced in 2014 per 1/18/13 email
Secondary Treatment	2	Aeration Tank	Color : Brown Adequate Aeration: Y <u>X</u> N <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	Media due to be replaced in 2014 per 1/18/13 email
Tertiary Treatment	4	Surface Sand Filter	OUT - dosing pipe broke again & to be replaced in 2014 per 1/18/13 email
		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	OUT - dosing pipe be replaced in 2014 per 1/18/13 email
Sludge Handling	2	Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	Haul to Richland Road WWTP
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PG00035*GD	December 2011	001	00530	Total Suspended Solids	7D Qty	6.8	8.13775	12/1/2011
2PG00035*GD	December 2011	001	80082	CBOD 5 day	7D Qty	5.7	7.69831	12/1/2011