



Robert E. DeBor, Sr., Director
Mary Taylor, Lt. Governor
Scott J. Wolfe, Director

Certified #91 7108 2133 3932 1838 1140

February 15, 2013

Larry Stadwick, Chief Operator
Pleasant Lea Water Reclamation Facility
11050 Tussing Road
Pickerington, OH 43147

NOTICE OF VIOLATION

**Re: Pleasant Lea Water Reclamation Facility
NPDES Permit 4PG00030/ OH0054879
Reconnaissance Inspection
Fairfield County**

Dear Mr. Stadwick:

On January 30, 2013, a Reconnaissance Inspection was conducted at the Pleasant Lea Water Reclamation Facility. Present for the inspection were:

- Fairfield County Utilities
 - Yourself, Chief Operator
 - Tony Vogel, Director
 - Don Sherman, Operations
- Ohio EPA
 - Brittany Schuch, Division of Surface Water Central Office – Enforcement
 - Myself, DSW Central District Office – Compliance and Enforcement

The purpose of the inspection was to evaluate compliance with the terms and conditions of your NPDES permit and to evaluate the operation and maintenance of the plant.

Findings:

1. The plant consists of a splitter box, two parallel aeration/clarifier trains, sand filters, and a tank for chlorination, post-aeration, and dechlorination. Repair work on the sand filters was completed in January 2012. Additional work suggested by the County may include:
 - a. Installing preliminary treatment.

- b. Upgrading the splitter box to provide better flow equalization between the parallel treatment trains.
 - c. Replacing grates along the treatment trains.
 - d. Repairing the concrete wall on aeration tank (see Figure 1).
 - e. Repairing the post-aeration tank (see Figure 2).
 - f. Stabilizing the perimeter as erosion is a significant problem.
2. The operators previously staged raked sand filter waste along the perimeter of the sand filters. You recently hauled out the waste although the mobilization work resulted in sediment run-off. You indicated that rock/gravel would be brought in to stabilize the area. **Please provide a photo via e-mail after the area is stabilized.** Also note that storm water construction controls should be considered during future repairs and that future sand filter related waste should be collected in a receptacle and hauled to a landfill.
 3. Attached are compliance tables between October 2010 and January 2013. The facility had multiple chlorine violations in 2012 which resulted in the facility being designated in significant non-compliance. You indicated that the operator has been instructed to prevent future violations. **Please provide specifics of how this will be accomplished.**
 4. In late June 2012, a storm caused a power outage which caused the dosing pumps to trip off resulting in an overflow of the dosing tank. Part III Section 3 of the permit requires that back-up or auxiliary facilities be installed when necessary to achieve compliance with conditions of the permit. This was not discussed during the inspection but **please ensure that the facility has the capability of utilizing a back-up generator and any auxiliary equipment to meet the requirements of the NPDES permit.**

Attached is the inspection report. **A photo of the sand filter area once it has been stabilized and an operational strategy to prevent future chlorination violations are requested within 30 days.** If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 728-3846 or e-mail at cole.miller@epa.state.oh.us.

Sincerely,



Cole Miller
Environmental Specialist II
Compliance and Enforcement Unit
Division of Surface Water
Central District Office

ec: Cole Miller

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NPDES Compliance Inspection Report

SECTION B: IDENTIFICATION DATA SYSTEM CODE				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PG00030	OH0054879	RI	S	2
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
1/30/2013	11:30 AM	12:00 PM	Yes	Yes

SECTION C: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Pleasant Lea Water Reclamation Facility	8/1/2007
	Permit Expiration Date
	7/31/2012
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Larry Stadwick Tony Vogel Don Sherman	
Name and Title of Responsible Official	Phone Number
Larry Stadwick, Chief Water Reclamation Operator	(614) 322-5200

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
S	NPDES Compliance	
N	Operations & Maintenance	
U	Facility Site Review	Upgrades/repairs are needed.
N	Collection System	
S	Flow Measurement	
U	Receiving Waters	SNC due to chlorine
N	Laboratory	

Comments:

Signatures	
 2/14/13	 2/14/13
Cole Miller, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office

Compliance Data for Pleasant Lea Water Reclamation Facility between 10/1/2010 to 1/1/2013

Summary

Permit Effluent Limit Violations: 13
 Permit Effluent Code Violations: 0
 Permit Effluent Frequency Violations: 0
 Compliance Schedule Violations: 0
 Reported SSO Events: 3

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
May 2011	001	Total Suspended Solids	7D Qty	2.7	3.20211	5/22/2011
June 2011	001	Chlorine, Total Residu	1D Conc	0.019	.06	6/24/2011
December 2011	001	Total Suspended Solids	7D Qty	3.5	4.80695	12/1/2011
May 2012	001	Chlorine, Total Residu	1D Conc	0.019	.05	5/18/2012
June 2012	001	Chlorine, Total Residu	1D Conc	0.019	.05	6/8/2012
June 2012	001	Chlorine, Total Residu	1D Conc	0.019	.05	6/12/2012
July 2012	001	Chlorine, Total Residu	1D Conc	0.019	.05	7/9/2012
July 2012	001	Chlorine, Total Residu	1D Conc	0.019	.06	7/24/2012
August 2012	001	Chlorine, Total Residu	1D Conc	0.019	.05	8/22/2012
August 2012	001	Chlorine, Total Residu	1D Conc	0.019	.05	8/27/2012
September 2012	001	Chlorine, Total Residu	1D Conc	0.019	.05	9/10/2012
September 2012	001	Chlorine, Total Residu	1D Conc	0.019	.05	9/14/2012
September 2012	001	Chlorine, Total Residu	1D Conc	0.019	.05	9/19/2012

Parameter	Units	Date	Reported Value
Overflow Occurrence	No./Month	7/1/2011	1
Overflow Occurrence	No./Month	6/1/2012	1
Overflow Occurrence	No./Month	7/1/2012	1

Flow Data for Pleasant Lea Water Reclamation Facility between 10/1/2010 and 1/1/2013

	Date	Flows (MGD)
Ten Highest Flows	4/20/2011	0.152
	6/19/2011	0.130
	12/6/2011	0.127
	5/4/2011	0.121
	11/29/2011	0.120
	10/20/2011	0.117
	1/27/2012	0.099
	4/5/2011	0.094
	5/24/2011	0.094
	11/23/2011	0.093
Average Flow Rate		0.021