



40 years and moving forward

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

November 13, 2012

Larry Stadwick, WRF Chief Operator  
Rushville Lagoons  
8620 Main Street  
Rushville, OH 43150

**Re: Rushville Lagoons  
NPDES Permit 4PR00002/ OH0102016  
Reconnaissance Inspection  
Fairfield County**

Dear Mr. Stadwick:

On November 5, 2012, a reconnaissance inspection was conducted at the Rushville Lagoons. Present for the inspection were you and Jeff, operators of the lagoon, and myself of the Ohio EPA, Central District Office, Division of Surface Water.

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. Attached are compliance tables between October 2007 and October 2012. The facility has exceeded permit limits in 13 of the 44 months with reported discharges. The facility does not appear to have been in significant non-compliance within the last 5 years. You indicated that the flow of future releases would be decreased in an attempt to produce cleaner effluent
2. There appears to be a typographical error within the reporting month of March 2011. Flows were reported as 3.00 MGD compared to a more usual average of 0.300 MGD. Additionally, Outfall 801 (flow of Little Rush Creek) was reported between 0.100 to 0.300 CFS. Ordinarily, they are reported as 3 CFS. I believe the values were switched. **Please submit a revised DMR.**
3. Part II, Section M of the permit requires that discharges may not flow in excess of 90 GPM for each CFS of stream flow measured. Additionally, no discharge is allowed when the upstream flow is less than 1 CFS. There are two issues with this:

- a. A discharge was reported in August 2012 but no flow was reported for Little Rush Creek. After reviewing the bench sheets, a flow was reported. **Please revise your DMR to reflect this.**
  - b. There is little variability with the reporting of the creek flow rate with flows reported between 3 CFS and 4 CFS. The flows are measuring using a gate arm. Rush Creek Lake is upstream of the site which may explain the consistency of the flow rates.
4. There is a marker at the outfall but it does not match the language required in Part II, O of the permit. **Please install a marker within permit specifications within 30 days.**

Attached is the inspection checklist. If you have any questions or comments concerning the enclosed inspection report, please contact me at (614) 644-3846 or e-mail at [cole.miller@epa.state.oh.us](mailto:cole.miller@epa.state.oh.us).

Sincerely,



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

cc: Cole Miller

**NPDES Compliance Inspection Report**

**SECTION A: NATIONAL DATA SYSTEM CODING**

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PR00002	OH0100016	RI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
11/5/2012	10:45 AM	11:45 AM	No	No

**SECTION B: FACILITY DATA**

Name and Location of Facility Inspected	Permit Effective Date
Rushville Lagoons	7/1/2012
	Permit Expiration Date
	6/30/2017
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Name and Title of Responsible Official	Phone Number
Larry Stadwick, WRF Chief Operator	(614) 322-5200

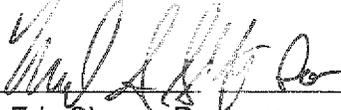
**SECTION C: AREAS EVALUATED DURING INSPECTION**

Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated

M*	NPDES Compliance	Marker needs to be installed
S	Operations & Maintenance	
S	Facility Site Review	
N	Collection System	
S	Flow Measurement	
S	Receiving Waters	
N	Laboratory	

Comments:

Signatures

	11/6/12		11/6/12
Cole Miller, Inspector Compliance & Enforcement Division of Surface Water Central District Office	Date	Erin Sherer, Reviewer Compliance & Enforcement Supervisor Division of Surface Water Central District Office	Date

## Compliance Data for Rushville Lagoons between 10/1/2007 to 10/1/2012

### Summary

Permit Effluent Limit Violations: 23

Permit Effluent Code Violations: 0

Permit Effluent Frequency Violations: 254 (Deleted – October 2007 and November 2007 only)

Compliance Schedule Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
July 2008	001	Total Suspended Solids	30D Conc	65	90.	7/1/2008
July 2008	001	CBOD 5 day	30D Conc	25	27.1	7/1/2008
July 2008	001	pH	1D Conc	6.5	5.01	7/1/2008
August 2008	001	CBOD 5 day	30D Conc	25	30.9	8/1/2008
October 2008	001	Total Suspended Solids	30D Conc	65	96.	10/1/2008
October 2008	001	CBOD 5 day	30D Conc	25	29.6	10/1/2008
October 2008	001	Total Suspended Solids	7D Conc	90	96.	10/22/2008
November 2008	001	Total Suspended Solids	30D Conc	65	69.	11/1/2008
November 2008	001	CBOD 5 day	30D Conc	25	25.9	11/1/2008
June 2009	001	CBOD 5 day	30D Conc	25	35.	6/1/2009
September 2009	001	Total Suspended Solids	30D Conc	65	76.	9/1/2009
April 2010	001	CBOD 5 day	30D Conc	25	29.	4/1/2010
June 2010	001	Total Suspended Solids	30D Conc	65	85.	6/1/2010
February 2011	001	CBOD 5 day	30D Conc	25	50.5	2/1/2011
February 2011	001	CBOD 5 day	7D Conc	40	65.	2/15/2011
December 2011	001	Total Suspended Solids	30D Conc	65	76.	12/1/2011
April 2012	001	Total Suspended Solids	30D Conc	65	74.	4/1/2012
April 2012	001	CBOD 5 day	30D Conc	25	26.	4/1/2012
June 2012	001	CBOD 5 day	30D Conc	25	31.	6/1/2012
June 2012	001	CBOD 5 day	7D Conc	40	45.	6/8/2012

August 2012	001	Total Suspended Solids	30D Conc	65	91.	8/1/2012
August 2012	001	CBOD 5 day	30D Conc	25	32.	8/1/2012
August 2012	001	Total Suspended Solids	7D Conc	90	91.	8/22/2012

Flow Data for Rushville Lagoons between 10/1/2007 and 10/1/2012

	Date	Flows (MGD)
Ten Highest Flows	3/21/2011	3.000
	3/22/2011	3.000
	3/23/2011	3.000
	3/24/2011	3.000
	3/25/2011	3.000
	3/28/2011	3.000
	3/29/2011	3.000
	3/30/2011	3.000
	3/31/2011	3.000
	6/25/2009	0.447
<b>Average Flow Rate</b>		0.316