



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

Re: **Notice of Violation**  
Mercer County  
Fort Recovery WWTP  
NPDES Permit 2PA00030/OH0025160

January 8, 2013

Mr. Ryan Thien  
Utilities Superintendent  
Fort Recovery WWTP  
P.O. Box 340  
Fort Recovery, Ohio 45846

Dear Mr. Thien:

On November 20, 2012, a compliance inspection was conducted at the Fort Recovery Wastewater Treatment Plant (WWTP). The purpose of the inspection was to evaluate compliance with the terms and conditions of your National Pollutant Discharge Elimination System (NPDES) permit and to evaluate the operation and maintenance of the plant.

The Village finished installation of five aerators at the end of August 2012. While running, the dissolved oxygen concentration increases to about 14 mg/L. To help with energy costs, the Village has been experimenting with different configurations of operations to optimize treatment. At the time of inspection, the Village was running two aerators in the first lagoon and one aerator in the second lagoon at night.

A review of your discharge monitoring reports shows that the Village is in significant non-compliance (SNC) for CBOD from April 1, 2012, through October 1, 2012. I am enclosing a list of violations for the period of February 1, 2012, to December 1, 2012. From the end of August through November 1, 2012, an improvement in treatment was observed, with no violations noted for the month of November 2012.

A facility becomes SNC when it exceeds the effluent limit for four or more months in two consecutive quarters or exceeds the effluent limit significantly in any two months in two consecutive quarters. Achieving compliance with Ohio's environmental laws is a primary focus of Ohio EPA in order to reduce risks to public health and welfare. When a facility is in SNC, Ohio EPA will consider escalated enforcement action.

Mr. Ryan Thien  
January 8, 2013  
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Please submit written notification to our office **within 14 days of receipt of this letter**, outlining the actions the Village will take to continue to improve treatment and eliminate significant non-compliance.

Our completed inspection report and compliance summary for the Fort Recovery WWTP is enclosed for your records. If you have any questions or comments, please contact me at 419-373-3019 or e-mail at [Michelle.Sharp@epa.ohio.gov](mailto:Michelle.Sharp@epa.ohio.gov).

Sincerely,



Michelle Sharp  
Environmental Specialist II  
Division of Surface Water  
Northwest District Office

/jlm

Enclosure

ec: Tracking

NPDES Compliance Inspection Report

**SECTION A: NATIONAL DATA SYSTEM CODING**

Permit #	NPDES #	Inspection Type	Inspector	Facility Type
2PA00030	OH0025160	CEI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
11/20/12	3:00	3:30	Yes	Yes

**SECTION B: FACILITY DATA**

Name and Location of Facility Inspected	Permit Effective Date
Fort Recovery WWTP	7/1/2012
	Permit Expiration Date
	6/30/2017
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Mr. Randy Diller, Village Administrator	(419) 375-1056
Name and Title of Responsible Official	Phone Number
Ryan Thien, Utilities Superintendent	(419) 375-2555

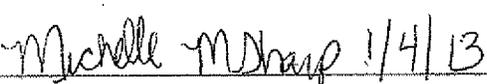
**SECTION C: AREAS EVALUATED DURING INSPECTION**

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

U	NPDES Compliance	
S	Operations & Maintenance	
S	Facility Site Review	
N	Collection System	
N	Flow Measurement	
N	Receiving Waters	
N	Laboratory	

Comments:

Signatures

	
Michelle M. Sharp, Inspector Compliance & Enforcement Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E., Reviewer Compliance & Enforcement Supervisor Division of Surface Water Northwest District Office

**Compliance Data for Fort Recovery WWTP between 2/1/2012 to  
12/1/2012**

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
February 2012	001	Dissolved Oxygen	1D Conc	5.0	4.8	2/3/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	2.2	2/6/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	1.8	2/7/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	3.2	2/8/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	1.9	2/9/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	1.2	2/10/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	2.8	2/13/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	1.5	2/14/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	1.8	2/15/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	1.2	2/16/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	.8	2/17/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	1.1	2/20/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	1.6	2/21/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	1.2	2/22/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	2.1	2/23/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	3.2	2/24/2012
February 2012	001	Dissolved Oxygen	1D Conc	5.0	4.2	2/27/2012
March 2012	001	CBOD 5 day	30D Conc	25	26.3	3/1/2012
March 2012	001	pH	1D Conc	9.0	9.1	3/21/2012
April 2012	001	CBOD 5 day	30D Conc	25	28.2875	4/1/2012
April 2012	001	Dissolved Oxygen	1D Conc	5.0	3.1	4/12/2012
April 2012	001	Dissolved Oxygen	1D Conc	5.0	4.8	4/16/2012
April 2012	001	Dissolved Oxygen	1D Conc	5.0	3.6	4/17/2012
April 2012	001	Dissolved Oxygen	1D Conc	5.0	2.2	4/18/2012
April 2012	001	Dissolved Oxygen	1D Conc	5.0	2.6	4/19/2012
April 2012	001	Dissolved Oxygen	1D Conc	5.0	4.4	4/20/2012
April 2012	001	Dissolved Oxygen	1D Conc	5.0	4.2	4/23/2012
April 2012	001	Dissolved Oxygen	1D Conc	5.0	3.6	4/24/2012
April 2012	001	Dissolved Oxygen	1D Conc	5.0	2.9	4/25/2012
April 2012	001	Dissolved Oxygen	1D Conc	5.0	4.8	4/26/2012
April 2012	001	Dissolved Oxygen	1D Conc	5.0	4.2	4/27/2012
May 2012	001	Total Suspended Solids	30D Conc	65	68.34	5/1/2012
May 2012	001	CBOD 5 day	30D Conc	25	32.92	5/1/2012
May 2012	001	Dissolved Oxygen	1D Conc	5.0	3.8	5/10/2012
May 2012	001	Dissolved Oxygen	1D Conc	5.0	2.6	5/11/2012
May 2012	001	pH	1D Conc	9.0	9.5	5/15/2012

KEY: Y – Yes, N – No, N/A – Not Applicable, N/E – Not Evaluated, \* Further comment included in attachment

May 2012	001	Dissolved Oxygen	1D Conc	5.0	4.9	5/15/2012
May 2012	001	pH	1D Conc	9.0	9.7	5/16/2012
May 2012	001	pH	1D Conc	9.0	9.2	5/17/2012
May 2012	001	Dissolved Oxygen	1D Conc	5.0	2.8	5/17/2012
May 2012	001	Dissolved Oxygen	1D Conc	5.0	2.1	5/18/2012
May 2012	001	pH	1D Conc	9.0	9.1	5/21/2012
May 2012	001	Dissolved Oxygen	1D Conc	5.0	3.8	5/21/2012
May 2012	001	pH	1D Conc	9.0	9.3	5/22/2012
May 2012	001	pH	1D Conc	9.0	9.7	5/23/2012
May 2012	001	pH	1D Conc	9.0	9.6	5/24/2012
May 2012	001	pH	1D Conc	9.0	9.1	5/25/2012
May 2012	001	pH	1D Conc	9.0	9.1	5/30/2012
May 2012	001	Dissolved Oxygen	1D Conc	5.0	4.6	5/30/2012
May 2012	001	Dissolved Oxygen	1D Conc	5.0	2.8	5/31/2012
June 2012	001	Total Suspended Solids	30D Conc	65	80.25	6/1/2012
June 2012	001	Total Suspended Solids	7D Conc	90	118.5	6/1/2012
June 2012	001	CBOD 5 day	30D Conc	25	35.0875	6/1/2012
June 2012	001	CBOD 5 day	7D Conc	45	50.1	6/1/2012
June 2012	001	Dissolved Oxygen	1D Conc	5.0	3.2	6/4/2012
June 2012	001	pH	1D Conc	9.0	9.2	6/5/2012
June 2012	001	pH	1D Conc	9.0	9.4	6/6/2012
June 2012	001	pH	1D Conc	9.0	9.2	6/11/2012
June 2012	001	Dissolved Oxygen	1D Conc	5.0	3.4	6/11/2012
June 2012	001	Dissolved Oxygen	1D Conc	5.0	3.8	6/12/2012
June 2012	001	pH	1D Conc	9.0	9.1	6/13/2012
June 2012	001	Dissolved Oxygen	1D Conc	5.0	2.4	6/13/2012
June 2012	001	pH	1D Conc	9.0	9.3	6/14/2012
June 2012	001	pH	1D Conc	9.0	9.2	6/15/2012
June 2012	001	Dissolved Oxygen	1D Conc	5.0	3.2	6/15/2012
June 2012	001	Dissolved Oxygen	1D Conc	5.0	1.3	6/21/2012
June 2012	001	Dissolved Oxygen	1D Conc	5.0	1.1	6/22/2012
June 2012	001	Dissolved Oxygen	1D Conc	5.0	.2	6/25/2012
June 2012	001	Dissolved Oxygen	1D Conc	5.0	3.4	6/26/2012
June 2012	001	Dissolved Oxygen	1D Conc	5.0	.7	6/28/2012
June 2012	001	Dissolved Oxygen	1D Conc	5.0	2.2	6/29/2012
July 2012	001	Total Suspended Solids	30D Conc	65.0	68.55	7/1/2012
July 2012	001	CBOD 5 day	30D Conc	25.0	49.975	7/1/2012
July 2012	001	Dissolved Oxygen	1D Conc	5.0	4.8	7/6/2012
July 2012	001	Total Suspended Solids	7D Conc	90.0	99.05	7/8/2012
July 2012	001	CBOD 5 day	7D Conc	45.0	45.6	7/8/2012
July 2012	001	pH	1D Conc	9.0	9.1	7/11/2012
July 2012	001	pH	1D Conc	9.0	9.1	7/12/2012
July 2012	001	CBOD 5 day	7D Conc	45.0	67.65	7/15/2012

KEY: Y – Yes, N – No, N/A – Not Applicable, N/E – Not Evaluated, \* Further comment included in attachment

July 2012	001	Dissolved Oxygen	1D Conc	5.0	4.8	7/16/2012
July 2012	001	Dissolved Oxygen	1D Conc	5.0	2.5	7/19/2012
July 2012	001	Dissolved Oxygen	1D Conc	5.0	4.7	7/20/2012
July 2012	001	CBOD 5 day	7D Conc	45.0	63.25	7/22/2012
July 2012	001	Dissolved Oxygen	1D Conc	5.0	.7	7/26/2012
July 2012	001	Dissolved Oxygen	1D Conc	5.0	1.2	7/27/2012
July 2012	001	Dissolved Oxygen	1D Conc	5.0	4.5	7/30/2012
August 2012	001	CBOD 5 day	30D Conc	25.0	49.22	8/1/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	3.8	8/1/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	4.3	8/2/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	1.2	8/3/2012
August 2012	001	CBOD 5 day	7D Conc	45.0	59.6	8/8/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	3.3	8/10/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	4.1	8/13/2012
August 2012	001	CBOD 5 day	7D Conc	45.0	49.1	8/15/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	3.9	8/16/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	4.7	8/20/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	3.6	8/21/2012
August 2012	001	CBOD 5 day	7D Conc	45.0	65.2	8/22/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	2.2	8/22/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	1.8	8/23/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	2.6	8/24/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	2.4	8/27/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	3.4	8/28/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	4.	8/30/2012
August 2012	001	Dissolved Oxygen	1D Conc	5.0	3.6	8/31/2012
September 2012	001	Dissolved Oxygen	1D Conc	5.0	3.8	9/4/2012
September 2012	001	Dissolved Oxygen	1D Conc	5.0	2.7	9/5/2012
September 2012	001	Dissolved Oxygen	1D Conc	5.0	2.4	9/6/2012
September 2012	001	Dissolved Oxygen	1D Conc	5.0	2.2	9/7/2012
September 2012	001	Dissolved Oxygen	1D Conc	5.0	1.8	9/10/2012
September 2012	001	Dissolved Oxygen	1D Conc	5.0	2.5	9/11/2012
September 2012	001	Dissolved Oxygen	1D Conc	5.0	3.2	9/12/2012
September 2012	001	Dissolved Oxygen	1D Conc	5.0	3.	9/13/2012
September 2012	001	Dissolved Oxygen	1D Conc	5.0	3.6	9/14/2012
October 2012	001	CBOD 5 day	30D Conc	25.0	31.7	10/1/2012
October 2012	001	CBOD 5 day	7D Conc	45.0	52.6	10/15/2012
October 2012	001	Dissolved Oxygen	1D Conc	5.0	1.4	10/25/2012

Code Violations				
Reporting Period	Station	Parameter	Reported Value	Violation Date
May 2012	001	Fecal Coliform	AK	5/24/2012
July 2012	001	E. coli	AJ	7/12/2012