



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

Re: Lima WWTP
Inspection
NPDES
Allen County
2PE00000

August 16, 2017

Mr. Michael Caprella, Director, Utilities Department
City of Lima
50 Town Square
Lima, Ohio 45801-4900

Dear Mr. Caprella:

Thank you for accompanying me during Ohio EPA's July 25, 2017, inspection of Lima wastewater treatment plant (WWTP) located in Lima, Ohio. Mr. Dave Schnipke and Mr. Eric Markley were also present during the inspection.

The purpose of the inspection was to evaluate the facility following the lightning strike and power outage that occurred on Saturday, July 22, 2017.

Findings:

1. A lightning strike damaged the main switch gear, which prevented the generators from providing power to the plant when city utility power was lost.
2. Wastewater and storm water could not be pumped due to the power loss.
3. The final clarifiers and aeration tanks overflowed, flooding the plant and causing substantial damage.
4. SCADA was inoperable due to power loss to the Administrative Building.
5. At the time of the inspection, power had been restored to most of the plant. Temporary generators and pumps were being utilized for all other major treatment units. The Administrative Building did not yet have power.
6. Final effluent discharged to the Ottawa River was clear, colorless and had no noticeable odor.

If you have any questions or comments concerning the enclosed inspection report, please contact me at 419-373-3006 or e-mail at Peggy.Christie@epa.ohio.gov.

Sincerely,


Peggy B. Christie
Division of Surface Water

/jlm

Enclosure

pc: Mayor and Council, City of Lima

ec: Mr. Eric Markley, WWTP Supervisor
Mr. David Schnipke, City of Lima
Inspection Tracking

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING						
Permit #	NPDES #	Inspection Type	Sig. Non-Compliance	Inspection Date	Entry Time	Exit Time
OH0026069	2PE00000	RI	No	7/25/2017	10:00 AM	12:00

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Lima WWTP 1200 Fort Amanda Rd. Lima, Ohio	1/1/2013
	Permit Expiration Date
	2/28/2015
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Mr. Eric Markley, Supervisor	419-221-5198
David Schnipke, Environmental Compliance Manager	419-221-5294
Mr. Michael Caprella, Utilities Director	419-221-5294
Name and Title of Responsible Official	Phone Number
Mayor and Council, City of Lima	419-221-5294

SECTION C: AREAS EVALUATED DURING INSPECTION		
Evaluated? Y-Yes; N-No	Area Evaluated	Recommendations noted in report? Y – Yes; N – No; N/A – Not Applicable
Y	E. NPDES Compliance	N
Y	F. Operations & Maintenance	N
N	G. Operator Certification	
N	H. Collection System	
N	I. Sludge Management	
N	J. Storm Water	
N	K. Self-Monitoring Program	
N	L. Laboratory	
Y	M. Effluent / Receiving Water Observations	N

Comments:

Signatures	
 8/7/17	 8/7/17
Peggy B. Christie Compliance and Enforcement Division of Surface Water Northwest District Office	Thomas Poffenbarger, P.E. Water Quality Engineer II/Unit Supervisor Division of Surface Water Northwest District Office

Compliance Data for Lima WWTP between 3/1/2017 and 7/1/2017

Summary

Permit Effluent Limit Violations: 0
Permit Effluent Code Events: 10
Permit Effluent Frequency Violations: 0
Compliance Schedule Milestones Not Entered: 0
Reported SSO Events: 68

Code Events				
Reporting Period	Station	Parameter	Reported Value	Event Date
June 2017	002	Overflow Volume	AD	6/5/2017
June 2017	003	Overflow Volume	AD	6/5/2017
June 2017	002	Overflow Volume	AD	6/18/2017
June 2017	003	Overflow Volume	AD	6/18/2017
June 2017	002	Overflow Volume	AD	6/23/2017
June 2017	003	Overflow Volume	AD	6/23/2017
June 2017	003	Overflow Volume	AD	6/29/2017
June 2017	002	Overflow Volume	AD	6/29/2017
June 2017	003	Overflow Volume	AD	6/30/2017
June 2017	002	Overflow Volume	AD	6/30/2017

Lima WWTP SSO Events			
Parameter	Units	Date	Reported Value
Overflow Occurrence	No./Month	3/1/2017	5
Overflow Occurrence	No./Month	4/1/2017	11
Overflow Occurrence	No./Month	5/1/2017	47
Overflow Occurrence	No./Month	6/1/2017	5

High Flow Data for Lima WWTP between 3/1/2017 and 7/1/2017

Top 10 Flows	
Date	Flows (MGD)
5/6/2017	35.400
5/5/2017	35.200
5/7/2017	34.330
5/1/2017	32.600
5/27/2017	32.400
4/7/2017	31.620
4/30/2017	31.100
4/29/2017	30.900
5/2/2017	30.300
5/29/2017	29.670
Average	15.910