



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

Re: Arlington WWTP
NPDES Permit 2PA00050/OH0053171
Compliance Evaluation Inspection
Hancock County

June 14, 2013

The Honorable Edward Sold
Mayor of Arlington
P.O. Box 699
Arlington, Ohio 45814

Dear Mayor Sold:

On June 5, 2013, a Compliance Evaluation Inspection (CEI) was conducted at the Arlington Wastewater Treatment Plant (WWTP). Mr. Rick Monday and Ms. Michelle Sharp of the Ohio EPA were present for the inspection. 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 WWTP has three ponds in series. There are aerators in the first and second ponds. Liquid chlorine and sodium thiosulfate provide disinfection for the discharge. The ponds and grounds all appeared to be in good condition. The effluent from the plant was observed at the discharge point and, although not sampled, appeared to be of good quality.

A review of your discharge monitoring reports from August 1, 2008, to June 1, 2013, shows violations of the terms and conditions of your permit. The most significant source of violations is frequency violations for the month of August 2008. You should review the data you submitted for this month and make sure that it was reported accurately.

We are currently processing your NPDES permit renewal application and you should be receiving a draft version of the renewal permit soon. You should review the draft carefully as there is a 30 day comment period to address any of your concerns.

If you have any questions or comments concerning the enclosed inspection report, please contact Ms. Michelle Sharp at 419-373-3019 or e-mail at Michelle.Sharp@epa.ohio.gov.

Sincerely,

Thomas Poffenbarger, P.E.
Water Quality Engineer II/Unit Supervisor
Division of Surface Water

MS/jlm
Enclosure
cc: Tom Poffenbarger
Tracking

NPDES Compliance Inspection Report

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
2PA00050	OH0053171	CEI	S	1
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
6/5/2013	9:00 AM	9:45 AM	No	No

SECTION B: FACILITY DATA	
Name and Location of Facility Inspected	Permit Effective Date
Arlington WWTP	8/1/2008
	Permit Expiration Date
	7/31/2013
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Mr. Rick Monday, Superintendent	
Name and Title of Responsible Official	Phone Number
Edward Sold, Mayor	(419) 365-5253

SECTION C: AREAS EVALUATED DURING INSPECTION	
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated	
S	NPDES Compliance
S	Operations & Maintenance
S	Facility Site Review
N	Collection System
N	Flow Measurement
S	Receiving Waters
N	Laboratory

Comments:

Signatures	
<i>Michelle Sharp</i> 6/13/13	<i>Thomas Poffenbarger</i> 6/13/13
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 Arlington WWTP between 8/1/2008 to 5/31/2013

Summary

Permit Effluent Limit Violations: 9
 Permit Effluent Code Violations: 0
 Permit Effluent Frequency Violations: * 171
 Compliance Schedule Milestones Not Entered: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2009	001	Fecal Coliform	7D Conc	2000	2600.	6/1/2009
June 2011	001	Fecal Coliform	7D Conc	2000	2000.	6/8/2011
September 2012	001	Chlorine, Total Residu	1D Conc	0.019	.1	9/5/2012
September 2012	001	Chlorine, Total Residu	1D Conc	0.019	.1	9/6/2012
September 2012	001	Chlorine, Total Residu	1D Conc	0.019	.1	9/11/2012
September 2012	001	Chlorine, Total Residu	1D Conc	0.019	.1	9/19/2012
September 2012	001	Chlorine, Total Residu	1D Conc	0.019	.1	9/25/2012
September 2012	001	Chlorine, Total Residu	1D Conc	0.019	.1	9/26/2012
September 2012	001	Chlorine, Total Residu	1D Conc	0.019	.1	9/27/2012

Frequency Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
August 2008	001	Water Temperature	1/Day	1	0	8/1/2008
August 2008	001	Total Suspended Solids	2/Week	2	0	8/1/2008
August 2008	001	Nitrogen, Ammonia (NH3)	1/2Weeks	1	0	8/1/2008
August 2008	001	Fecal Coliform	1/Week	1	0	8/1/2008
August 2008	001	Flow Rate	1/Day	1	0	8/1/2008
August 2008	001	CBOD 5 day	2/Week	2	0	8/1/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/1/2008
August 2008	001	Phosphorus, Total (P)	1/Month	1	0	8/1/2008
August 2008	001	pH	1/Day	1	0	8/1/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/1/2008
August 2008	001	Water Temperature	1/Day	1	0	8/2/2008
August 2008	001	Flow Rate	1/Day	1	0	8/2/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/2/2008
August 2008	001	pH	1/Day	1	0	8/2/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/2/2008
August 2008	001	Water Temperature	1/Day	1	0	8/3/2008

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

August 2008	001	Flow Rate	1/Day	1	0	8/3/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/3/2008
August 2008	001	pH	1/Day	1	0	8/3/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/3/2008
August 2008	001	Water Temperature	1/Day	1	0	8/4/2008
August 2008	001	Flow Rate	1/Day	1	0	8/4/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/4/2008
August 2008	001	pH	1/Day	1	0	8/4/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/4/2008
August 2008	001	Water Temperature	1/Day	1	0	8/5/2008
August 2008	001	Flow Rate	1/Day	1	0	8/5/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/5/2008
August 2008	001	pH	1/Day	1	0	8/5/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/5/2008
August 2008	001	Water Temperature	1/Day	1	0	8/6/2008
August 2008	001	Flow Rate	1/Day	1	0	8/6/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/6/2008
August 2008	001	pH	1/Day	1	0	8/6/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/6/2008
August 2008	001	Water Temperature	1/Day	1	0	8/7/2008
August 2008	001	Flow Rate	1/Day	1	0	8/7/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/7/2008
August 2008	001	pH	1/Day	1	0	8/7/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/7/2008
August 2008	001	Water Temperature	1/Day	1	0	8/8/2008
August 2008	001	Total Suspended Solids	2/Week	2	0	8/8/2008
August 2008	001	Fecal Coliform	1/Week	1	0	8/8/2008
August 2008	001	Flow Rate	1/Day	1	0	8/8/2008
August 2008	001	CBOD 5 day	2/Week	2	0	8/8/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/8/2008
August 2008	001	pH	1/Day	1	0	8/8/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/8/2008
August 2008	001	Water Temperature	1/Day	1	0	8/9/2008
August 2008	001	Flow Rate	1/Day	1	0	8/9/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/9/2008
August 2008	001	pH	1/Day	1	0	8/9/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/9/2008
August 2008	001	Water Temperature	1/Day	1	0	8/10/2008
August 2008	001	Flow Rate	1/Day	1	0	8/10/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/10/2008
August 2008	001	pH	1/Day	1	0	8/10/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/10/2008
August 2008	001	Water Temperature	1/Day	1	0	8/11/2008

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August 2008	001	Flow Rate	1/Day	1	0	8/11/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/11/2008
August 2008	001	pH	1/Day	1	0	8/11/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/11/2008
August 2008	001	Water Temperature	1/Day	1	0	8/12/2008
August 2008	001	Flow Rate	1/Day	1	0	8/12/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/12/2008
August 2008	001	pH	1/Day	1	0	8/12/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/12/2008
August 2008	001	Water Temperature	1/Day	1	0	8/13/2008
August 2008	001	Flow Rate	1/Day	1	0	8/13/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/13/2008
August 2008	001	pH	1/Day	1	0	8/13/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/13/2008
August 2008	001	Water Temperature	1/Day	1	0	8/14/2008
August 2008	001	Flow Rate	1/Day	1	0	8/14/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/14/2008
August 2008	001	pH	1/Day	1	0	8/14/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/14/2008
August 2008	001	Water Temperature	1/Day	1	0	8/15/2008
August 2008	001	Total Suspended Solids	2/Week	2	0	8/15/2008
August 2008	001	Nitrogen, Ammonia (NH3)	1/2Weeks	1	0	8/15/2008
August 2008	001	Fecal Coliform	1/Week	1	0	8/15/2008
August 2008	001	Flow Rate	1/Day	1	0	8/15/2008
August 2008	001	CBOD 5 day	2/Week	2	0	8/15/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/15/2008
August 2008	001	pH	1/Day	1	0	8/15/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/15/2008
August 2008	001	Water Temperature	1/Day	1	0	8/16/2008
August 2008	001	Flow Rate	1/Day	1	0	8/16/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/16/2008
August 2008	001	pH	1/Day	1	0	8/16/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/16/2008
August 2008	001	Water Temperature	1/Day	1	0	8/17/2008
August 2008	001	Flow Rate	1/Day	1	0	8/17/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/17/2008
August 2008	001	pH	1/Day	1	0	8/17/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/17/2008
August 2008	001	Water Temperature	1/Day	1	0	8/18/2008
August 2008	001	Flow Rate	1/Day	1	0	8/18/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/18/2008
August 2008	001	pH	1/Day	1	0	8/18/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/18/2008

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

August 2008	001	Water Temperature	1/Day	1	0	8/19/2008
August 2008	001	Flow Rate	1/Day	1	0	8/19/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/19/2008
August 2008	001	pH	1/Day	1	0	8/19/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/19/2008
August 2008	001	Water Temperature	1/Day	1	0	8/20/2008
August 2008	001	Flow Rate	1/Day	1	0	8/20/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/20/2008
August 2008	001	pH	1/Day	1	0	8/20/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/20/2008
August 2008	001	Water Temperature	1/Day	1	0	8/21/2008
August 2008	001	Flow Rate	1/Day	1	0	8/21/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/21/2008
August 2008	001	pH	1/Day	1	0	8/21/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/21/2008
August 2008	001	Water Temperature	1/Day	1	0	8/22/2008
August 2008	001	Total Suspended Solids	2/Week	2	0	8/22/2008
August 2008	001	Fecal Coliform	1/Week	1	0	8/22/2008
August 2008	001	Flow Rate	1/Day	1	0	8/22/2008
August 2008	001	CBOD 5 day	2/Week	2	0	8/22/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/22/2008
August 2008	001	pH	1/Day	1	0	8/22/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/22/2008
August 2008	001	Water Temperature	1/Day	1	0	8/23/2008
August 2008	001	Flow Rate	1/Day	1	0	8/23/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/23/2008
August 2008	001	pH	1/Day	1	0	8/23/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/23/2008
August 2008	001	Water Temperature	1/Day	1	0	8/24/2008
August 2008	001	Flow Rate	1/Day	1	0	8/24/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/24/2008
August 2008	001	pH	1/Day	1	0	8/24/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/24/2008
August 2008	001	Water Temperature	1/Day	1	0	8/25/2008
August 2008	001	Flow Rate	1/Day	1	0	8/25/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/25/2008
August 2008	001	pH	1/Day	1	0	8/25/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/25/2008
August 2008	001	Water Temperature	1/Day	1	0	8/26/2008
August 2008	001	Flow Rate	1/Day	1	0	8/26/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/26/2008
August 2008	001	pH	1/Day	1	0	8/26/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/26/2008

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

August 2008	001	Water Temperature	1/Day	1	0	8/27/2008
August 2008	001	Flow Rate	1/Day	1	0	8/27/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/27/2008
August 2008	001	pH	1/Day	1	0	8/27/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/27/2008
August 2008	001	Water Temperature	1/Day	1	0	8/28/2008
August 2008	001	Flow Rate	1/Day	1	0	8/28/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/28/2008
August 2008	001	pH	1/Day	1	0	8/28/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/28/2008
August 2008	001	Water Temperature	1/Day	1	0	8/29/2008
August 2008	001	Flow Rate	1/Day	1	0	8/29/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/29/2008
August 2008	001	pH	1/Day	1	0	8/29/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/29/2008
August 2008	001	Water Temperature	1/Day	1	0	8/30/2008
August 2008	001	Flow Rate	1/Day	1	0	8/30/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/30/2008
August 2008	001	pH	1/Day	1	0	8/30/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/30/2008
August 2008	001	Water Temperature	1/Day	1	0	8/31/2008
August 2008	001	Flow Rate	1/Day	1	0	8/31/2008
August 2008	001	Chlorine, Total Residu	1/Day	1	0	8/31/2008
August 2008	001	pH	1/Day	1	0	8/31/2008
August 2008	001	Dissolved Oxygen	1/Day	1	0	8/31/2008
November 2008	001	Total Suspended Solids	2/Week	2	1	11/15/2008

Flow Data for Arlington WWTP between 8/1/2008 and 5/31/2013

	Date	Flows (MGD)
Ten Highest Flows	3/10/2009	0.290
	3/2/2011	0.267
	3/9/2009	0.260
	3/1/2011	0.245
	4/11/2013	0.245
	2/12/2009	0.240
	2/9/2009	0.220
	2/13/2009	0.217
	4/13/2013	0.215
	4/16/2009	0.214
Average Flow Rate		0.138