



OHIO *moving forward*

John E. Kasich, Governor  
Mike Taylor, Lt. Governor  
Scott J. Welby, Director

July 1, 2013

Gregory Odell, Area Manager  
Aqua Ohio Water Co Inc - Blacklick WWTP  
5481 Buenos Aires Blvd.  
Westerville, OH 43081

**Re: Aqua Ohio Water Co Inc - Blacklick WWTP  
NPDES Permit 4PU00002/ OH0036021  
Reconnaissance Inspection  
Franklin County**

Dear Mr. Odell:

On May 30, 2013, a Reconnaissance Inspection was conducted at the Aqua Ohio Water Co Inc - Blacklick WWTP. Present for the inspection were you, Sam Frazzini, and Chuck Boggs of Aqua Ohio; and Andy Bachman, John Owen, and myself of the Ohio EPA, 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 May 2012 and May 2013. The facility has had some compliance issues which have been partially attributable to operator error. You are currently investigating SCADA systems to minimize user error.
2. The plant was experiencing some foaming problems (see **Figure 1**). The operator was skimming from the top of the aeration tanks to the sludge holding tank with a sump pump. Overall, it did not appear to affect the effluent quality at the time of the inspection.
3. The permit expires on July 31, 2013. Ohio EPA has received a complete application in a timely manner and is working on the draft permit.

Gregory Odell, Area Manager  
Aqua Ohio Water Co Inc - Blacklick WWTP  
Page 2

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](mailto:cole.miller@epa.state.oh.us).

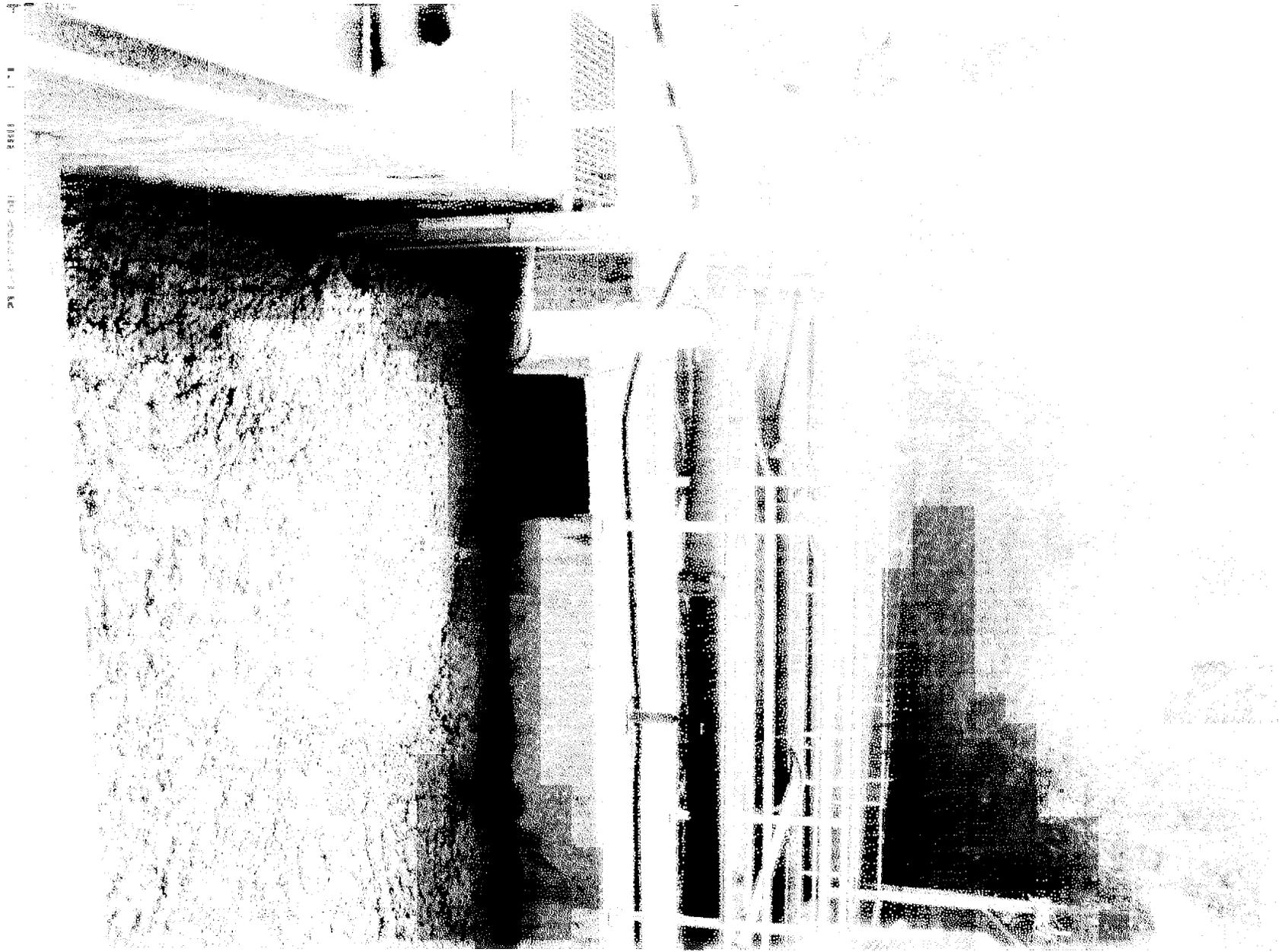
Sincerely,

A handwritten signature in cursive script, appearing to read "Cole Miller".

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

ec: Cole Miller

CM/nsm Blacklick Estates CEI 5 3-30-13



**NPDES Compliance Inspection Report**

SECTION A: NATIONAL DATA SYSTEM CODING				
Permit #	NPDES #	Inspection Type	Inspector	Facility Type
4PU00002	OH0000021	RI	S	2
Inspection Date	Entry Time	Exit Time	Notice of Violation	Significant Non-Compliance
5/30/2013	8:30 AM	9:30 AM	No	No

SECTION B: PERMIT DATA	
Name and Location of Facility Inspected	Permit Effective Date
Aqua Ohio Water Co Inc - Blacklick WWTP	8/1/2009
	Permit Expiration Date
	7/31/2013
Name(s) and Title(s) of On-Site Representatives	Phone Numbers
Name and Title of Responsible Official	Phone Number
Gregory Odell, Area Manager	(614) 882-6586

SECTION C: AREAS EVALUATED DURING INSPECTION		
Key: S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated		
S	NPDES Compliance	
S*	Operations & Maintenance	Foaming was observed in the aeration tank.
S	Facility Site Review	
N	Collection System	
S	Flow Measurement	
M	Receiving Waters	Due to effluent violations in the last year.
N	Laboratory	

Comments:

Signatures	
 6/20/13	 6/20/13
Cole Miller, Inspector Date Compliance & Enforcement Division of Surface Water Central District Office	Erin Sherer, Reviewer Date Compliance & Enforcement Supervisor Division of Surface Water Central District Office

## Compliance Data for Blacklick Estates between 5/1/2012 to 5/1/2013

### Summary

Permit Effluent Limit Violations: 9  
 Permit Effluent Code Violations: 1  
 Permit Effluent Frequency Violations: 0  
 Compliance Schedule Violations: 0

Limit Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
June 2012	001	Nitrogen, Ammonia (NH3)	7D Conc	2.3	3.47	6/1/2012
July 2012	001	Nitrogen, Ammonia (NH3)	7D Conc	2.3	3.36667	7/1/2012
September 2012	001	Dissolved Oxygen	1D Conc	7.0	6.2	9/24/2012
January 2013	001	Oil and Grease, Hexane	1D Conc	10	13	1/9/2013
February 2013	001	Total Suspended Solids	30D Conc	20	34.8	2/1/2013
February 2013	001	Total Suspended Solids	7D Conc	30	66.4666	2/15/2013
February 2013	001	Total Suspended Solids	7D Qty	136.2	166.318	2/15/2013
February 2013	001	Total Suspended Solids	7D Conc	30	60.0666	2/22/2013
February 2013	001	Total Suspended Solids	7D Qty	136.2	138.557	2/22/2013

Code Violations				
Reporting Period	Station	Parameter	Reported Value	Violation Date
September 2012	001	Fecal Coliform	AK	9/27/2012

### Flow Data for Aqua Ohio Water Co Inc - Blacklick WWTP between 5/1/2012 and 5/1/2013

	Date	Flows (MGD)
Ten Highest Flows	3/18/2013	1.181
	3/19/2013	1.107
	3/20/2013	1.032
	4/28/2013	0.985
	3/21/2013	0.982
	4/19/2013	0.936
	3/22/2013	0.927
	4/29/2013	0.904
	3/23/2013	0.903
	3/24/2013	0.899
<b>Average Flow Rate</b>		0.651