



State of Ohio Environmental Protection Agency

**Southeast District Office**

2195 Front Street  
Logan, Ohio 43138

TELE: (740) 385-8501 FAX: (740) 385-6490  
www.epa.state.oh.us

Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

August 10, 2009

**Re:** Athens County  
ODOT Torch Rest Area  
NPDES Permit 0PP00087\*CD  
Reconnaissance Inspection  
Correspondence (PWW)

Mr. Glenn Soles  
Ohio Department of Transportation  
2397 Jackson Pike  
Bidwell, Ohio 45614

Dear Mr. Soles:

On July 27, 2009, I accompanied Victor Reverendo and Rick Smith of the Ohio EPA Division of Surface Water Compliance Assistance Unit on a plant evaluation at your request. The purpose of this inspection was to assist you in trouble-shooting the cause of the effluent violations, a list of which is attached, and to provide guidance to help you to return to compliance. You and Bob Zwick, Roadway Services Engineer, represented ODOT during the evaluation.

During the evaluation, Mr. Smith and Mr. Reverendo recommended the following adjustments to the operation:

1. Throttling back the flow from the equalization tank;
2. Adjust the length of time of aeration for summer;
3. Increase alkalinity in the aeration tank by the slow addition of sodium bicarbonate;
4. Place Styrofoam underneath the steel grates to retain heat in the winter and prevent algae growth in the summer;
5. Service or replace the DO meter;
6. Increase sludge wasting so that the aeration settling test is about 500 ml/l in 5 minutes;

7. Troubleshoot why the sand filters are picking up solids.
  - a. Sample sand and test it for compliance with specifications (copy attached).
  - b. Sample both influent to sand filters and effluent after UV disinfection for total non-filterable solids and volatile solids.

Mr. Reverendo plans to return to the facility in the next 2 weeks. In the meantime, if you have any questions, please contact him at (614) 728-2532 or Rick Smith at (614) 728-2533.

Sincerely,



Abbot Stevenson  
Environmental Engineer  
Division of Surface Water

AS/dh

Enclosure

- c: Bob Zwick, ODOT
- c: Victor Reverendo, Ohio EPA, CO, DSW
- c: Rick Smith, Ohio EPA, CO, DSW

**NPDES**  
Compliance Inspection Report

**A. NATIONAL DATA SYSTEM CODING**

Permit No.	NPDES No.	Date	Inspection Type	Inspector	Facility Type
OPP00087*BD	OH0124931	July 27, 2009	R	S	1

**B. FACILITY DATA**

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
ODOT Torch Rest Area U.S. Route 50 and County Road 63 East of Coolville, Athens County	9:45 a.m.	August 1, 2008
	Exit Time	Permit Expiration Date
	3:15 p.m.	July 31, 2013

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Glenn Soles, Treatment Plant Operator Bob Zwick, Engineer	(740) 446-1553
Name, Address and Title of Responsible Official	Phone Number
Glenn Soles, Treatment Plant Operator ODOT 2397 Jackson Pike Bidwell, Ohio 45614	(740) 446-1553

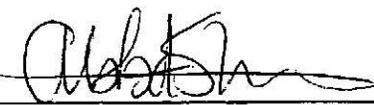
**C. AREAS EVALUATED DURING INSPECTION**

<u>  </u> S Permit	<u>  </u> S Flow Measurement	<u>  </u> NA Pretreatment
<u>  </u> N Records/Reports	<u>  </u> N Laboratory	<u>  </u> NA Compliance Schedules
<u>  </u> M Operations & Maintenance	<u>  </u> U Effluent/Receiving Waters	<u>  </u> S Self-Monitoring Program
<u>  </u> S Facility Site Review	<u>  </u> S Sludge Storage/Disposal	<u>  </u> Other
<u>  </u> S Collection System		

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

**D. SUMMARY OF FINDINGS/COMMENTS** (attach additional sheets if necessary)

- O&M - See attached inspection letter recommendations.
- Effluent - See attached list of violations.

  
Abbot Stevenson, Inspector, Ohio EPA, Southeast District Office

8/10/09  
Date

  
Timothy M. Campbell, Reviewer, Ohio EPA, Southeast District Office

8/10/09  
Date

Get New Data

Permit No	Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
0PP00087*BD	January 2008	001	Total Suspended Solids	30D Conc	12	13.	1/1/2008
0PP00087*BD	January 2008	001	Nitrogen, Ammonia	30D Conc	3	85.8	1/1/2008
0PP00087*BD	January 2008	001	Nitrogen, Ammonia	7D Conc	4.5	85.8	1/1/2008
0PP00087*BD	January 2008	001	Nitrogen, Ammonia	30D Qty	.11	.19485	1/1/2008
0PP00087*BD	January 2008	001	Nitrogen, Ammonia	7D Qty	.17	.19485	1/1/2008
0PP00087*BD	January 2008	001	Dissolved Oxygen	1D Conc	6	5.	1/4/2008
0PP00087*BD	February 2008	001	Total Suspended Solids	30D Conc	12	20.	2/1/2008
0PP00087*BD	February 2008	001	Total Suspended Solids	7D Conc	18	20.	2/1/2008
0PP00087*BD	February 2008	001	Nitrogen, Ammonia	30D Conc	3	88.5	2/1/2008
0PP00087*BD	February 2008	001	Nitrogen, Ammonia	7D Conc	4.5	88.5	2/1/2008
0PP00087*BD	February 2008	001	Nitrogen, Ammonia	30D Qty	.11	.23448	2/1/2008
0PP00087*BD	February 2008	001	Nitrogen, Ammonia	7D Qty	.17	.23448	2/1/2008
0PP00087*BD	February 2008	001	CBOD 5 day	30D Conc	10	11.	2/1/2008
0PP00087*BD	March 2008	001	Total Suspended Solids	30D Conc	12	19.	3/1/2008
0PP00087*BD	March 2008	001	Total Suspended Solids	7D Conc	18	19.	3/1/2008
0PP00087*BD	March 2008	001	Nitrogen, Ammonia	30D Conc	3	80.	3/1/2008
0PP00087*BD	March 2008	001	Nitrogen, Ammonia	7D Conc	4.5	80.	3/1/2008
0PP00087*BD	March 2008	001	Nitrogen, Ammonia	30D Qty	.11	.3028	3/1/2008
0PP00087*BD	March 2008	001	Nitrogen, Ammonia	7D Qty	.17	.3028	3/1/2008
0PP00087*BD	March 2008	001	CBOD 5 day	30D Conc	10	18.	3/1/2008
0PP00087*BD	March 2008	001	CBOD 5 day	7D Conc	15	18.	3/1/2008
0PP00087*BD	April 2008	001	Nitrogen, Ammonia	30D Conc	3	90.2	4/1/2008
0PP00087*BD	April 2008	001	Nitrogen, Ammonia	30D Qty	.11	.30727	4/1/2008
0PP00087*BD	April 2008	001	Nitrogen, Ammonia	7D Conc	4.5	90.2	4/8/2008
0PP00087*BD	April 2008	001	Nitrogen, Ammonia	7D Qty	.17	.30727	4/8/2008
0PP00087*BD	April 2008	001	Dissolved Oxygen	1D Conc	6	4.8	4/11/2008
0PP00087*BD	May 2008	001	Total Suspended Solids	30D Conc	12	26.	5/1/2008
0PP00087*BD	May 2008	001	Nitrogen, Ammonia	30D Conc	1	4.4	5/1/2008
0PP00087*BD	May 2008	001	CBOD 5 day	30D Conc	10	11.	5/1/2008
0PP00087*BD	May 2008	001	Total Suspended Solids	7D Conc	18	26.	5/15/2008
0PP00087*BD	May 2008	001	Nitrogen, Ammonia	7D Conc	1.5	4.4	5/15/2008
0PP00087*BD	June 2008	001	Total Suspended Solids	30D Conc	12	20.	6/1/2008
0PP00087*BD	June 2008	001	Total Suspended Solids	7D Conc	18	20.	6/1/2008
0PP00087*BD	June 2008	001	Nitrogen, Ammonia	30D Conc	1	3.5	6/1/2008
0PP00087*BD	June 2008	001	Nitrogen, Ammonia	7D Conc	1.5	3.5	6/1/2008
0PP00087*BD	June 2008	001	CBOD 5 day	30D Conc	10	14.	6/1/2008
0PP00087*BD	June 2008	001	Dissolved Oxygen	1D Conc	6	4.	6/6/2008
0PP00087*CD	August 2008	001	Nitrogen, Ammonia	1D Conc	1.5	2.	8/1/2008
0PP00087*CD	August 2008	001	Nitrogen, Ammonia	30D Conc	1	2.	8/1/2008
0PP00087*CD	August 2008	001	Dissolved Oxygen	1D Conc	6.0	5.	8/1/2008
0PP00087*CD	November 2008	001	Nitrogen, Ammonia	30D Conc	3.0	3.7	11/1/2008
0PP00087*CD	December 2008	001	Nitrogen, Ammonia	30D Conc	3.0	21.	12/1/2008
0PP00087*CD	December 2008	001	Nitrogen, Ammonia	1D Conc	4.5	21.	12/5/2008
0PP00087*CD	January 2009	001	Nitrogen, Ammonia	30D Conc	3.0	21.4	1/1/2009
0PP00087*CD	January 2009	001	Nitrogen, Ammonia	1D Conc	4.5	21.4	1/5/2009
0PP00087*CD	February 2009	001	Nitrogen, Ammonia	30D Conc	3.0	9.1	2/1/2009
0PP00087*CD	February 2009	001	CBOD 5 day	30D Conc	10	14.	2/1/2009
0PP00087*CD	February 2009	001	Nitrogen, Ammonia	1D Conc	4.5	9.1	2/6/2009
0PP00087*CD	February 2009	001	Dissolved Oxygen	1D Conc	6.0	4.6	2/6/2009
0PP00087*CD	March 2009	001	Dissolved Oxygen	1D Conc	6.0	5.7	3/6/2009
0PP00087*CD	May 2009	001	CBOD 5 day	30D Conc	10	12.	5/1/2009