



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Road  
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468  
www.epa.state.oh.us

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

Re: Wyandot County  
ODOT US 23 North  
NPDES Permit

September 17, 2009

Mr. Tony Lotz  
ODOT District 1  
2000 North West Street  
Lima, Ohio 45801

Dear Mr. Lotz:

On September 10, 2009, an operation and maintenance inspection was made of the wastewater treatment plant serving US Route 23 Northbound rest area. The treatment facility is located along US Route 23 northbound in Crawford Township, Wyandot County. This inspection was conducted as part of the facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PP00021\*ED.

The treatment facility was in operation and the contents of the aeration tank were brown with good roll. There was no discharge from the plant at the time of the inspection. Our review of your discharge monitoring reports (11/1/2008 to 9/1/2009) for this facility indicated one effluent violation. Please refer to the enclosed violation table.

Our completed inspection form is enclosed for your review. If you have any questions or comments please call me at (419) 373-3021.

Yours truly,

Jason Ko  
Division of Surface Water

/csl

Enclosures

pc: Wyandot County Health Department  
NWDO File.

**OHIO ENVIRONMENTAL PROTECTION AGENCY  
OPERATION AND MAINTENANCE INSPECTION**

NPDES Permit No. 2PP00021

Facility Name: ODOT US Route 23 Northbound Expiration Date: October 31, 2011

Facility Address: US Route 23 North Date: 9/10/2009 Time: 11:00 am

City: Carey County: Wyandot Township: Crawford

Name and Address of Owner: ODOT District 1, 2000 North West Street, Lima, OH 45801

Person Contacted: Mr. Tony Lotz (ODOT Manager) & Ms. Ann Scott (Operator) Phone: (419) 222-9055

Flow: Design: 7,000 GPD Present 2000 GPD (metered)

Trib. Pop. \_\_\_\_\_ (estimated) Weather at time of inspection: Temp 75°F - Sunny

OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No. (No discharge was noted)

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Not Observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has \_\_\_\_\_ excellent X good \_\_\_\_\_ fair \_\_\_\_\_ poor operation  
 b. Plant has \_\_\_\_\_ excellent X good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance  
 c. Sand filters have \_\_\_\_\_ excellent X good \_\_\_\_\_ fair \_\_\_\_\_ poor maintenance

d. Not operating at expected efficiency due to:

- (1) \_\_\_\_\_ hydraulic overload  
 (2) \_\_\_\_\_ organic/ solids overload  
 (3) \_\_\_\_\_ personnel inefficiency  
 (4) \_\_\_\_\_ equipment failure  
 (5) \_\_\_\_\_ wastes  
 (6) \_\_\_\_\_

Disinfection: (Required May 1 thru Oct.31.)

IN	OUT	
_____	_____	Chlorination
_____	_____	Dechlorination
<u>X</u>	_____	U.V

- |          |       |                                   |  |       |            |
|----------|-------|-----------------------------------|--|-------|------------|
| Yes      | No    |                                   | Yes                                      | No    | Parameters |
| <u>X</u> | _____ | Compliance with NPDES Permit      | Periodic Violations                      | _____ | _____      |
| <u>X</u> | _____ | Adequate Plant Safety             | Chronic Violation                        | _____ | _____      |
| <u>X</u> | _____ | Operation and Maintenance Service | Name: <u>Industrial Fluid Management</u> |       |            |

Frequency of Visits: Daily

Facility Name: ODOT US Route 23 Northbound

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	1	Trash Trap	Pumping Frequency: 1/Qtr
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	1	Flow Equalization	Circulated w/ 2 pumps
Aeration Equipment	2	Plant Timer <u>X</u> <u>Y</u> <u>N</u> Motor/ Blower Unit	Cycle Time: 1 hr "ON" & ½ hr "OFF"
Secondary Treatment	1	Aeration Tank	Color: Brown Adequate Aeration: Y <u>X</u> N <u>   </u>
Final Settling	1	Clarifier	With 2 hoppers
	2	Sludge Return	In <u>X</u> Out <u>   </u> Returning solids
	2	Surface Skimmer	In <u>X</u> Out <u>   </u> Returning clear
	2	Fixed Media Clarifier	Clean media 2/month
Tertiary Treatment	2	Surface Sand Filter	All operational
		Polishing Pond	
		Other	
Disinfection		Chlorine	
		Dechlorination	
	IN	Ultraviolet (UV)	Clean bulbs 1/week
Flow Metering		Elapsed Pump Time	
	IN	Other	Water meter
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
Sludge Handling	1	Aerated Storage Tank	Wasting 2/week about 5 mins duration
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	As needed
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

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Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PP00021*ED	June 2009	001	31616	Fecal Coliform	7D Conc	2000	3400.	6/8/2009