



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

Re: Wyandot County  
ODOT US 23 South  
NPDES Permit

December 20, 2012

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

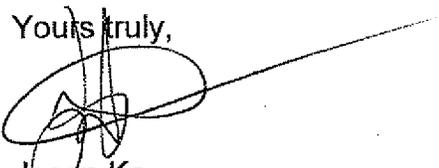
Dear Mr. Lotz:

On December 12, 2012, an operation and maintenance inspection was made of the wastewater treatment plant (WWTP) serving the U.S. Route 23 Southbound rest area. The treatment facility is located along U.S. Route 23 southbound in Salem Township, Wyandot County. This inspection was conducted to evaluate compliance with your facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PP00020\*FD.

At the time of the inspection, the treatment facility was in operation and the contents of the aeration tank were brown with good roll. The discharge from the plant was clear. Our review of your discharge monitoring reports (6/1/2011 to 12/1/2012) for this facility indicated one effluent violation.

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

/jlm

Enclosures

pc: Wyandot County Health Department

Neil Pry

ec: Tracking

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

NPDES Permit No. 2PP00020

Facility Name: ODOT US Route 23 Southbound Expiration Date: January 31, 2017

Facility Address: US Route 23 South Date: 12/12/2012 Time: 10:00 am

City: Carey County: Wyandot Township: Salem

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

Person Contacted: Mr. Neil Pry (Operator) Phone: (419) 748-7438

Flow: Design: 7,000 GPD Present 2500 GPD (metered)

Trib. Pop. \_\_\_\_\_ (estimated) Weather at time of inspection: Temp 30°F - Sunny

OEPA Personnel: Jason Ko District: NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	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.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: 7/week

Facility Name: ODOT US Route 23 Southbound

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 & 2 Transfer pumps
Aeration Equipment	3	Plant Timer <u>X</u> <u>Y</u> <u>   </u> <u>N</u> Motor/ Blower Unit	Cycle Time: 1 hr "ON" & ½ hr "OFF" 3 <sup>rd</sup> blower for Post Air & Air lift pumps
Secondary Treatment	1	Aeration Tank	Color : Brown Adequate Aeration: <u>Y</u> <u>X</u> <u>N</u> <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	
	OUT	Ultraviolet (UV)	
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 1/week about 5 mins duration
		Sludge Drying Bed	
Sludge Disposal	IN	Municipal POTW	As needed
		Landfill	
		Land Application	
Advanced Treatment	IN	Post Aeration	
		Spray Irrigation	
		Other	

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Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PP00020*FD	August 2012	001	31648	E. coli	7D Conc	362	420.	8/1/2012