



**Environmental  
Protection Agency**

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

Re: **Notice of Violation**  
Richland County  
Voisard Manufacturing Co. Plant 2  
NPDES Permit

April 17, 2012

Mr. Larry Sheppard  
Voisard Manufacturing Company  
60 Scott Street  
Shiloh, Ohio 44878

Dear Mr. Sheppard:

On April 5, 2012, an inspection was made of the sanitary wastewater treatment facilities serving the Voisard Manufacturing plant located at 2510 Taylortown Road, Shelby, Richland County.

At the time of the inspection, all of the major treatment units appeared to be in working order. A clear final effluent was being discharged at the creek. The northern sand filter bed was in use. A layer of sludge has developed on this bed causing the water to pond on the surface of the sand. The flow should be switched to the southern bed, which was clean and ready for use.

It was noted that a sign at the outfall has yet to be erected. The sign is required under Part II, paragraph K of your National Pollutant Discharge Elimination System (NPDES) permit. This sign should have been erected by February 1, 2011. Please refer to the permit for the language to be included on the sign.

A review of your discharge monitoring reports for the months of May 2011 through March 2012 revealed several **violations** of the conditions of your NPDES permit for the discharge from the wastewater plant. A listing of these violations is included on the enclosed sheet. The treatment plant has extreme difficulty in meeting the ammonia limits in the NPDES permit.

A review of the data indicates that the readings for odor, color, and turbidity are not being recorded daily as required by the permit. The data indicated that these readings are only being taken once per week. This would suggest that the plant is not being visited on the other days, as indicated by the use of the AH code and the note "operator not available". Please be aware that ORC 3745-7-04 requires that the treatment plant be visited a minimum of twice per week for one hour. It would appear from the data that this is not occurring. Failure to meet the onsite staffing requirement is a **violation** of your permit. Interestingly enough, during the months of August, September, and

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October, 2011, the treatment plant was in compliance with the ammonia limit and the daily readings were being recorded. During the months of December 2011, and February and March 2012, the ammonia limit was exceeded and the daily readings were not being taken.

It will be necessary for you to contact our office in writing **within 14 days of receipt of this letter** describing the steps to be taken to install an outfall sign, obtain compliance with NPDES permit limits, and to assure the treatment plant is visited daily as required, the appropriate data is being collected, and the minimum staffing times are being met.

Voisard could soon be facing enforcement action from our office for failure to meet the limits contained in the NPDES permit and failure to meet the onsite staffing requirements.

If you have any questions, please call me at 419-373-3070.

Sincerely,



Walter Ariss, P.E.  
Environmental Specialist II  
Division of Surface Water

/jlm

Enclosures

pc: Lonnie McGhee, McGhee's Technical Water Services Inc.

ec: Inspection Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION  
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PR00139

Facility Name Voisard Plant 2 Expiration Date 9/30/2015

Facility Address 2510 Taylorstown Rd Date 4/5/12 Time 4:00 am 10m

City Shelby County Richland Township \_\_\_\_\_

Name and Address of Owner \_\_\_\_\_

Person Contacted \_\_\_\_\_ Owner Phone \_\_\_\_\_

Flow: Design 1500 GPD Present 21,000 GPD (metered estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 60° sunny

OEPA Personnel Walter Aciss 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: unusual tr's Bear Run

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

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 Tablets
_____	_____ Dechlorination Tablets
_____	<u>X</u> U.V.

Yes No

4. X Compliance with NPDES Permit

Periodic Violations Y N Parameters: \_\_\_\_\_

Chronic Violations X NH<sub>3</sub> daily readings

5. X Adequate plant safety

6. X Operation and Maintenance Service Name MTWSI

Frequency of Visits 1/week

Facility Name: Universal Manufacturing Plant 2

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	X	Plant Timer XY__N Motor/ Blower Unit <i>running</i>	Cycle Time: <i>two blowers, one in use one backup</i>
Secondary Treatment	X	Aeration Tank	Color: <i>color okay</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N__
Final Settling	X	Clarifier	<i>sludge around effluent well fairly good clarity</i>
	X	Sludge Return	In <input checked="" type="checkbox"/> Out__
	X	Surface Skimmer	In <input checked="" type="checkbox"/> Out__
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter	<i>normal bed in use - layer of sludge switch to sand bed - clean</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	<i>out</i>
Flow Metering	X	Elapsed Pump Time	<i>on filter dosing station</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	X	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data		Voisard Manufacturing NPDES permit limit violations May 2011 through March 2012.						
Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00139*CD	May 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	3.42	5/1/2011
2PR00139*CD	May 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.42	5/15/2011
2PR00139*CD	July 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	24.8	7/1/2011
2PR00139*CD	July 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	24.8	7/1/2011
2PR00139*CD	July 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.006	.02365	7/1/2011
2PR00139*CD	July 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.009	.02365	7/1/2011
2PR00139*CD	July 2011	001	31648	E. coli	30D Conc	161	2400.	7/1/2011
2PR00139*CD	July 2011	001	31648	E. coli	7D Conc	362	2400.	7/1/2011
2PR00139*CD	November 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	8.05	11/1/2011
2PR00139*CD	November 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	8.05	11/1/2011
2PR00139*CD	December 2011	001	00530	Total Suspended Solids	30D Conc	12.0	62.	12/1/2011
2PR00139*CD	December 2011	001	00530	Total Suspended Solids	7D Conc	18.0	62.	12/1/2011
2PR00139*CD	December 2011	001	00530	Total Suspended Solids	30D Qty	0.07	.48999	12/1/2011
2PR00139*CD	December 2011	001	00530	Total Suspended Solids	7D Qty	0.10	.48999	12/1/2011
2PR00139*CD	December 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	4.32	12/1/2011
2PR00139*CD	December 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.017	.03414	12/1/2011
2PR00139*CD	December 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.025	.03414	12/1/2011
2PR00139*CD	December 2011	001	80082	CBOD 5 day	30D Qty	0.06	.06401	12/1/2011
2PR00139*CD	February 2012	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	8.49	2/1/2012
2PR00139*CD	February 2012	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	8.49	2/1/2012
2PR00139*CD	March 2012	001	00530	Total Suspended Solids	30D Conc	12.0	14.	3/1/2012
2PR00139*CD	March 2012	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	13.6	3/1/2012
2PR00139*CD	March 2012	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	13.6	3/1/2012
2PR00139*CD	March 2012	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.017	.01853	3/1/2012