



Environmental
Protection Agency

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

Re: Richland County
Voisard Manufacturing Co., Plant 2
NPDES Permit

May 19, 2011

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

Dear Mr. Sheppard:

On April 21, 2011, an inspection was made of the sanitary wastewater treatment facilities serving the Voisard Manufacturing plant located at 2510 Taylortown Road, Shelby, Richland County. Mr. Gary Tackett of your staff was present during the inspection.

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. A review of the operators log revealed only the current month's information. The operators log should contain at least the three most recent months of information.

During our previous two inspections it was stated that the onsite operator needs to check the operation of the UV system every day. Gary indicated that he still does not have a key to the lock on the UV system. The onsite operator shall be given a key to the lock and the system should be checked as part of his daily rounds. You are required to notify our office once this has been accomplished.

A review of your discharge monitoring reports for the months of October 2010, through April 2011, 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 attached sheet. The plant is in significant noncompliance for ammonia. Steps must be taken to consistently meet permit limits. This is most likely attributed to the low flows that the plant receives.

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

Sincerely,

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

Enclosure

pc: DSW:NWDO File w/enclosure
Lonnie McGhee, McGhee's Technical Water Services Inc. w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

Facility Name Voisard NPDES Permit No. 2PR00139
 Expiration Date 9/30/2015
 Facility Address 2510 Taylorstown Rd Date 4/21/11 Time 12:30 am pm
 City Shelby County Richland Township _____
 Name and Address of Owner _____
 Person Contacted Gary Tackett Owner Phone _____
 Flow: Design 1500 GPD Present 100-1000 GPD (metered estimated)
 Trib. Pop. 20-40 (actual - estimated) Weather at time of inspection: Temp 55° sun
 OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	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: Unnamed trib Bear Run Creek

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent good _____ fair _____ poor operation
 b. Plant has _____ excellent good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent 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
<input checked="" type="checkbox"/>	_____ U.V. - no alarm, but not visually checked

4. Yes No Compliance with NPDES Permit: _____

Periodic Violations Y N Parameters: NH₃, TSS
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name McGhee's TWSI

Frequency of Visits 1/week

Facility Name: Voisard

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	2	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <u>Y</u> ___ N Motor/ Blower Unit <i>running</i>	Cycle Time: <i>Blowers in good shape</i>
Secondary Treatment	2	Aeration Tank	Color: <i>color okay</i> Adequate Aeration: <u>Y</u> N ___
Final Settling	2	Clarifier	<i>Slightly turbid</i>
	2	Sludge Return	In <u>2</u> Out ___
	2	Surface Skimmer	In <u>2</u> Out ___
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<i>north bed in use observed a dosing - very close to filter</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	2	Ultraviolet (UV)	<i>one still need key to top on filter dosing</i>
Flow Metering	X	Elapsed Pump Time	
	2	Recorder (continuous total)	<i>one</i>
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	2	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

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Voisard Manufacturing NPDES permit limit violations October 2010 through April 2011

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00139*CD	January 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	4.41	1/1/2011
2PR00139*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	16.	2/1/2011
2PR00139*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	16.	2/1/2011
2PR00139*CD	March 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	5.07	3/1/2011
2PR00139*CD	March 2011	001	00610	Nitrogen, Ammonia (NH3)	7D Conc	4.5	5.07	3/1/2011
2PR00139*CD	March 2011	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.017	.01727	3/1/2011
2PR00139*CD	November 2010	001	00530	Total Suspended Solids	30D Conc	12.0	39.	11/1/2010
2PR00139*CD	November 2010	001	00530	Total Suspended Solids	7D Conc	18.0	39.	11/1/2010