



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: Richland County
Voisard Manufacturing Co. Plant 2
NPDES Permit

September 12, 2008

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

Dear Mr. Sheppard,

On September 4, 2008, an inspection was made of the wastewater treatment facilities serving the Voisard Manufacturing plant located at 2510 Taylortown Road, Shelby, Richland County. Mr. Gary Tackett and yourself were present during the inspection to provide a tour and answer any questions. At the time of the inspection all of the major treatment units appeared to be in working order. All of the equipment was well maintained. A clear final effluent was being discharged at the creek. Mr. Tackett is in charge of the daily checks of the wastewater plant. I instructed Mr. Tackett to obtain a key for the lock on the UV system so that he can check its operation as part of the daily routine.

During the inspection we also toured the industrial wastewater treatment system. This system receives wastewater from the parts washer line as well as the iron phosphating booth. The system is self contained, with all waste going to a large holding tank that is pumped out by K&D Environmental and hauled to Clean Water in Mansfield where it is treated and discharged to the city sanitary sewer. Approximately 2,500 gallons are removed from the tank twice per month. I also reviewed the stormwater pollution prevention plans that had been developed for both the Taylortown road site and the Shiloh site. These plans appeared adequate.

A review of your discharge monitoring reports for the months of November 2007 through July 2008 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 sheets. The number of violations for this period appears to have decreased compared to previous reviews.

Mr. Larry Sheppard
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Our completed inspection report is enclosed for your review. If you have any questions please give me a call at 419-373-3070.

Sincerely,



Walter Ariss
Environmental Specialist II
Division of Surface Water

/lr

Enclosure

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

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2P R00139

Facility Name Voisard Manufacturing Expiration Date 7/31/2010

Facility Address 2510 Taylortown Rd. Date 9/4/08 Time 11:45 am

City Shelby County Richland Township _____

Name and Address of Owner _____

Person Contacted Larry Sheppard Owner Phone _____

Flow: Design 1500 GPD Present 300-500 GPD (metered - estimated)

Trib. Pop. ~60 employees (actual - estimated) Weather at time of inspection: Temp 85° sunny

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
_____	_____ U.V. - could not check - locked cover

Yes No

4. _____ Compliance with NPDES Permit

Periodic Violations Y 5 N 1 Parameters: NH₃, TSS, BOD
 Chronic Violations _____

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service Name McBohee's TUSE

Frequency of Visits 1/week

Facility Name: Voisard

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: <i>pumped twice per year</i>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N Motor/ Blower Unit <i>running</i>	Cycle Time: <i>timer switches between blowers every hour</i>
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank <i>adding Bio Jet + sodium bicarb</i>	Color: <i>Weak color / heavy white foam</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>fairly clear</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input type="checkbox"/> Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>Filter beds both very clean</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<i>could not check - locked cover</i>
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time - <i>dosing station</i>	<i>okay</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>pumps okay</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

NPDES permit limit violations

Voisard Manufacturing November 2007 through July 2008

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00139*BD	January 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	4.3	1/1/2008
2PR00139*BD	January 2008	001	80082	CBOD 5 day	30D Conc	10	16.2	1/1/2008
2PR00139*BD	January 2008	001	80082	CBOD 5 day	1D Conc	15	16.2	1/8/2008
2PR00139*BD	March 2008	001	00530	Total Suspended Solids	30D Conc	12	12.4	3/1/2008
2PR00139*BD	March 2008	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	5.92	3/1/2008
2PR00139*BD	March 2008	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.017	.0242	3/1/2008
2PR00139*BD	March 2008	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	5.92	3/4/2008
2PR00139*BD	June 2008	001	00530	Total Suspended Solids	30D Conc	12	13.4	6/1/2008
2PR00139*BD	June 2008	001	00530	Total Suspended Solids	1D Conc	18	18.4	6/3/2008