



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 16, 2009

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

Dear Mr. Sheppard,

On September 10, 2009, an inspection was made of the 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. No concerns were noted with the treatment plant operations.

A review of your discharge monitoring reports for the months of August 2008 through August 2009 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.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

Enclosure

pc: ~~██████████ NWDO-DSW-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

NPDES Permit No. 2PR00139

Facility Name Voisard Yarnstrapping Expiration Date 7/31/2010

Facility Address 2510 Taylortown Rd Date 9/10/09 Time 3:30 am/pm

City Stelby County Richland Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 1500 GPD Present 100-500 GPD (metered estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 80° sunny

OEPA Personnel Walter Acis 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.

Yes No

4. _____ Compliance with NPDES Permit

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

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service Name McGhee's TWSI

Frequency of Visits 1/week

Facility Name: Unisard Manufacturing

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	2	Trash Trap	Pumping Frequency: <u>2/year</u>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	2	Plant Timer <u>XY</u> N Motor/ Blower Unit <u>not running</u>	Cycle Time: <u>assume blower was in off cycle during inspection</u>
Secondary Treatment	2	Aeration Tank	Color: <u>appeared okay - not septic</u> Adequate Aeration: Y ___ N ___
Final Settling	2	Clarifier	<u>Good clarity</u>
	2	Sludge Return	In ___ Out <u>blower not running</u>
	2	Surface Skimmer	In ___ Out <u>blower not running</u>
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	<u>Both bays very clean south side in use</u>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	2	Ultraviolet (UV)	<u>could not check - locked cover on dosing station</u>
Flow Metering	2	Elapsed Pump Time	
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	<u>okay</u>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	2	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	

Get New Data

Voisard NPDES permit limit violations August 2008 through August 2009

Permit No.	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00139*BD	November 2008	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	12.395	11/1/2008
2PR00139*BD	November 2008	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	20.8	11/4/2008
2PR00139*BD	January 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	16.9	1/1/2009
2PR00139*BD	January 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	16.9	1/6/2009
2PR00139*BD	February 2009	001	00530	Total Suspended Solids	30D Conc	12	14.	2/1/2009
2PR00139*BD	February 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	21.	2/1/2009
2PR00139*BD	February 2009	001	80082	CBOD 5 day	30D Conc	10	82.8	2/1/2009
2PR00139*BD	February 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	21.	2/3/2009
2PR00139*BD	February 2009	001	80082	CBOD 5 day	1D Conc	15	82.8	2/3/2009
2PR00139*BD	April 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	3.0	18.7	4/1/2009
2PR00139*BD	April 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	4.5	18.7	4/7/2009
2PR00139*BD	May 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	7.56	5/1/2009
2PR00139*BD	May 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	7.56	5/5/2009
2PR00139*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	5.135	6/1/2009
2PR00139*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	5.15	6/2/2009
2PR00139*BD	June 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	5.12	6/16/2009
2PR00139*BD	July 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Conc	1.0	24.6	7/1/2009
2PR00139*BD	July 2009	001	00610	Nitrogen, Ammonia (NH3)	30D Qty	0.006	.01006	7/1/2009
2PR00139*BD	July 2009	001	80082	CBOD 5 day	30D Conc	10	31.8	7/1/2009
2PR00139*BD	July 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Conc	1.5	24.6	7/7/2009
2PR00139*BD	July 2009	001	00610	Nitrogen, Ammonia (NH3)	1D Qty	0.009	.01006	7/7/2009
2PR00139*BD	July 2009	001	80082	CBOD 5 day	1D Conc	15	31.8	7/7/2009