



State of Ohio Environmental Protection Agency

Northwest District Office

347 North Dunbridge Rd.
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468
www.epa.ohio.gov

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

Re: Richland County
Shelby Welded Tube
NPDES Permit 2GS00009

November 3, 2009

Mr. Aaron Rothhaar
Shelby Welded Tube
P.O. Box 125
5578 S.R. 61 North
Shelby, Ohio 44875

Dear Mr. Rothhaar:

On October 22, 2009, an inspection was made of the wastewater treatment facilities serving Shelby Welded Tube located at 5578 S.R. 61 North, Shelby, Richland County. You were present during the inspection to answer any questions.

At the time of the inspection all major treatment units were in operation and appeared to be functioning normally. A clear discharge was observed from the treatment plant. You stated that a Geyser pump had been installed in the clarifier this past summer and that it had greatly improved the operation of the return sludge.

A review of your discharge monitoring reports submitted for February through September 2009, revealed three **violations** of the limits contained in the small sanitary discharger general NPDES permit. The dissolved oxygen, fecal coliform, and total suspended solids limits were exceeded in the September sample.

During the inspection we discussed the fact that the small sanitary general NPDES permit expires on December 31, 2009. The draft renewal permit is currently out for public comment. We encourage you to look the draft permit over and submit any pertinent comments. Once the permit is renewed it will be necessary for you to reapply for coverage under the new permit. You will receive notification of this requirement once the general permit is issued final.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/llr

Enclosure

pc: -- DSW-NWDO File --

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 26500009

Facility Name Shelby Welded Tube Expiration Date 12/31/2009

Facility Address 5578 SR 61 Date 10/23/09 Time 11:30 am/pm

City Shelby County Richland Township _____

Name and Address of Owner _____

Person Contacted Aaron Rothman Owner Phone _____

Flow: Design 2000 GPD Present 200-1000 GPD (metered - estimated)

Trib. Pop. 60-80 employees (actual - estimated) Weather at time of inspection: Temp 55° cloudy

OEPA Personnel Walter Aris 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: Black Fork Mohican - 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 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
<input checked="" type="checkbox"/>	_____ Chlorination Tablets
<input checked="" type="checkbox"/>	_____ Dechlorination Tablets
_____	_____ U.V.

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y N Parameters: TSS, Heavy M.O. in Sept '09
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name Chem Tech

Frequency of Visits 1/month

Facility Name: Shelby Wadded Tube

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		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	Cycle Time: running all but 1/2 hour
		Motor/ Blower Unit <i>running</i>	<i>because also runs post air</i>
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>fairly clear effluent</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>fairly clear</i>
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	<i>okay</i>
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	<i>okay</i>
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	<i>on filter dosing</i>
		Recorder (continuous total)	
Pumps		Raw Wastewater (type)	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	<i>or</i>
		Spray Irrigation	
		Other	