



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
Shelby Welded Tube
NPDES Permit 2GS00009

November 14, 2007

Mr. Bob Zook
Shelby Welded Tube
P.O. Box 125
5578 State Route 61 North
Shelby, Ohio 44875

Dear Mr. Zook:

On October 18, 2007, an inspection was made of the wastewater treatment facilities serving Shelby Welded Tube located at 5578 State Route 61 North, Shelby, Richland County. At the time of the inspection all major treatment units were in operation and appeared to be functioning normally. No major concerns were noted.

A review of your monthly operating reports submitted for July 2006, through August 2007 revealed no violations of the limits contained in your NPDES permit. It was discovered that the monthly report for September 2007, has yet to be submitted. This report should have been submitted no later than October 15th.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lr

Enclosure

pc: ~~DSW-NWDO File~~
Richland County Health Department

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 26500009

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

Facility Address 5578 SR 61 Date 10/18/07 Time 11:30 am pm

City Shelby County Richland Township _____

Name and Address of Owner Ralph Phillips

Person Contacted Bob Zank Owner Phone _____

Flow: Design 2000 GPD Present ~500-600 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 65° cloudy

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: Shade Fork, Mahoning - 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 | | | | | | |
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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 <input checked="" type="checkbox"/> | OUT _____ |
| <input checked="" type="checkbox"/> | Chlorination Tablets |
| _____ | Dechlorination Tablets |
| _____ | U.V. |

Yes No

4. _____ Compliance with NPDES Permit

Periodic Violations Y _____ N _____ Parameters: _____

Chronic Violations _____ _____

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service

Name Gary Homan - Chem Tech

Frequency of Visits 1 month

Facility Name: Shelby Walled Lake

| Process | # Units | Unit | If Needed - Description and Comments |
|---------------------|---------|--|--|
| Preliminary | 8 | Trash Trap | Pumping Frequency: ? |
| | | Grease Trap | Pumping Frequency: |
| | | Bar Screen | |
| | | Comminutor | |
| | | Flow Equalization | |
| Aeration Equipment | 8 | Plant Timer <u>Y</u> <u>N</u> Motor/ Blower Unit <i>running</i> | Cycle Time: <i>recently replaced safety slower</i> |
| Secondary Treatment | 8 | Aeration Tank | Color: <i>good color</i> Adequate Aeration: <u>Y</u> <u>N</u> |
| Final Settling | 8 | Clarifier | <i>Some floating sludge</i> |
| | 8 | Sludge Return | In <u>8</u> Out <u> </u> |
| | | Surface Skimmer | In <u> </u> Out <u> </u> |
| | | Fixed Media Clarifier | |
| Tertiary Treatment | 8 | Surface Sand Filter | <i>lots good</i> |
| | | Polishing Pond | |
| | | Other | |
| Disinfection | 8 | Chlorine Tube Feeder | <i>ok</i> |
| | 8 | Dechlorination Tube Feeder | <i>ok</i> |
| | | Ultraviolet (UV) | |
| Flow Metering | 8 | Elapsed Pump Time | <i>on filter dosing pump</i> |
| | | Recorder (continuous total) | |
| Pumps | | Raw Wastewater (type) | |
| | 8 | Sand Filter Effluent Dosing | <i>ok</i> |
| Sludge Handling | | Aerated Storage Tank | |
| | | Sludge Drying Bed | |
| Sludge Disposal | 8 | Municipal POTW | |
| | | Landfill | |
| | | Land Application | |
| Advanced Treatment | | Post Aeration | |
| | | Spray Irrigation | |
| | | Other | |