



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: Ashland County
Southwoods Estates Subdivision
NPDES Permit

August 19, 2009

John Augenstein
Sutton Bank
121 West Main Street
Ashland, Ohio 44805

Dear Mr. Augenstein:

On August 13, 2009, an inspection was made of the wastewater treatment facilities serving the Southwoods Estates subdivision located on King Road just south of U.S. 42, Ashland, Ashland County. At the time of the inspection, the treatment plant appeared to be operating correctly.

It was noted that the blower to the flow equalization tanks was not running and no air was being supplied to the equalization tank. This tank should be aerated at all times. The operation of this blower should be checked to make sure it is running all the time. It was also noted that the equalization tank was half full of water. Normally the level in the tank is much lower. The operation of the flow equalization pumps should be checked to make sure they are functioning correctly. The post aeration line in the chlorine contact has yet to be completed. This line still needs to be connected to the flow equalization blower. The blowers for the aeration tank had been repaired and were operational as required in our previous letter.

Our office has received monthly discharge monitoring reports as required since April 2009. A review of the reports revealed several violations of the limits contained in your NPDES permit. Many of these violations were for an insufficient amount of dissolved oxygen in the discharge. The completion of the post aeration line should prevent violations of this type from occurring. This line should be completed as soon as possible.

On August 6, 2009, our office received a Notice of Intent (NOI) form for coverage under the general NPDES permit for small sanitary discharges. It appears that your discharge is eligible for coverage under this permit and we have recommended that you be granted coverage under the general permit. You will receive confirmation from our office once the coverage is granted. Until that time continue reporting as required by your individual permit # 2PW00014.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb
Enclosure

pc: ~~DSW: NWDO~~
Lonnie McGhee, McGhee's TWSI w/enclosure

OHIO ENVIRONMENTAL PROTECTION AGENCY
 OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PW00014

Facility Name Southwoods Estates Expiration Date 9/30/2009
 Facility Address King Rd Date 8/13/09 Time 3:30 am/pm
 City Ashland County Ashland Township _____
 Name and Address of Owner Sutton Bank

Person Contacted _____ Owner Phone _____
 Flow: Design 20,000 GPD Present 100 - 400 GPD (metered - estimated)
 Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 87° sunny
 OEPA Personnel Walker Adams 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: Jamison 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 - EQ tank issues
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct.31.)

| | | |
|-------------------------------------|-------------------------------------|------------------------|
| IN | OUT | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Chlorination Tablets |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Dechlorination Tablets |
| <input type="checkbox"/> | <input type="checkbox"/> | U.V. |

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y N Parameters: Dissolved Oxygen, NH₃, BOD, TS
 Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name McGhee's TWSI

Frequency of Visits 1/week

Facility Name: Soldhams Estates

| Process | # Units | Unit | If Needed - Description and Comments |
|---------------------|-------------------------------------|---|--|
| Preliminary | <input checked="" type="checkbox"/> | Trash Trap | Pumping Frequency: ? |
| | | Grease Trap | Pumping Frequency: ? |
| | | Bar Screen | |
| | | Comminutor | |
| Aeration Equipment | <input checked="" type="checkbox"/> | Flow Equalization | EQ blower not running EQ tank over half full - check pumps |
| | <input checked="" type="checkbox"/> | Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N Motor/ Blower Unit <i>running</i> | Cycle Time: |
| Secondary Treatment | <input checked="" type="checkbox"/> | Aeration Tank | Color: <i>weak color</i> Adequate Aeration: Y <input checked="" type="checkbox"/> N <u> </u> |
| Final Settling | <input checked="" type="checkbox"/> | Clarifier | <i>fairly clear</i> |
| | <input checked="" type="checkbox"/> | Sludge Return | In <input checked="" type="checkbox"/> Out <u> </u> |
| | <input checked="" type="checkbox"/> | Surface Skimmer | In <u> </u> Out <input checked="" type="checkbox"/> |
| | | Fixed Media Clarifier | |
| Tertiary Treatment | <input checked="" type="checkbox"/> | Surface Sand Filter | <i>some filter beds very clean</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 | |
| | | Recorder (continuous total) | |
| Pumps | <input checked="" type="checkbox"/> | Raw Wastewater (type) / <i>Flow EQ</i> | <i>ok / check operation of flow EQ pumps</i> |
| | <input checked="" type="checkbox"/> | Sand Filter Effluent Dosing | <i>okay</i> |
| Sludge Handling | <input checked="" type="checkbox"/> | Aerated Storage Tank | <i>not being used</i> |
| | | Sludge Drying Bed | |
| Sludge Disposal | | Municipal POTW | |
| | | Landfill | |
| | | Land Application | |
| Advanced Treatment | <input checked="" type="checkbox"/> | Post Aeration | <i>still not hooked up - do so ASAP</i> |
| | | Spray Irrigation | |
| | | Other | |