



State of Ohio Environmental Protection Agency

Northwest District Office

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

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www.epa.ohio.gov

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

Re: Ashland County
Southwoods Estates Subdivision
NPDES Permit

April 5, 2010

Mr. John Augenstein
Sutton Bank
121 W. Main Street
Ashland, Ohio 44805

Dear Mr. Augenstein,

On March 24, 2010, 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, a few concerns with the treatment plant were noted.

The flow equalization tank was very black and septic. Odors were very evident around this tank. The gentleman who checks the plant daily indicated that the blower for the equalization tank was out for most of the month of February. The blower was put back in service just days before the inspection. Only three of the sludge return lines were operating. The fourth line should be checked and returned to service. It was also noted that the outfall pipe at the creek has come off the headwall and severe erosion is undermining the pipe for approximately 10 feet from the creek bed. This area should be stabilized with stone to prevent the pipe from washing away and prevent further erosion. The post aeration line has been installed and was in service during the inspection.

During the inspection it was noted that a contractor had begun clearing trees on one of the wooded lots near the creek at the front of the development. Sutton Bank will need to assure that proper construction stormwater controls are put in place for work in these areas and that no impacts to the creek bed occur. Impacts to the creek require permits from possibly both the Army Corps of Engineers and the Ohio EPA.

A review of the discharge monitoring reports submitted to our office for the period of August 2009 through February 2010 revealed two violations of the limits contained in the NPDES permits 2PW00014 and 2GS00015. There were two violations in October 2009 for exceeding the BOD limit in permit 2PW00014. No violations of the limits in permit 2GS00015 were discovered.

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: [REDACTED]
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. 26S00015

Facility Name Southwoods Estates Expiration Date 12/31/2014

Facility Address King Road Date 3/24/10 Time 1:15 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 55° 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: Jackson 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 blowers
 (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: CRD

Chronic Violations _____

5. _____ Adequate plant safety

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

Frequency of Visits Weekly

Facility Name: Southwoods 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	blower out for most of February
	<input checked="" type="checkbox"/>	Flow Equalization	EQ tank block + septic
Aeration Equipment	<input checked="" type="checkbox"/>	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time: appears adequate
		Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: weak/heavy white foam Adequate Aeration: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	partly clear
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input checked="" type="checkbox"/> only three of four working
	<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	filters very clean
		Polishing Pond	
		Other	
Disinfection	<input checked="" type="checkbox"/>	Chlorine Tube Feeder	ok
	<input checked="" type="checkbox"/>	Dechlorination Tube Feeder	ok
		Ultraviolet (UV)	
Flow Metering	<input checked="" type="checkbox"/>	Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater (type)	okay
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	okay
Sludge Handling	<input checked="" type="checkbox"/>	Aerated Storage Tank	okay
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	on
		Spray Irrigation	
		Other	