



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Ashland County
Southwoods Estates Subdivision
NPDES Permit

July 27, 2012

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

Dear Mr. Augenstein:

On July 19, 2012, 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, all major treatment units appeared to be functioning normally. A clear discharge was observed from the treatment plant. No concerns were noted with the plant operations.

It was noted that the effluent pipe near the receiving stream still needs to be backfilled. The need to complete this work was mentioned in our previous two inspections. Backfilling will help stabilize and prevent the pipe from washing away. We recommend using rock or rip rap backfill to prevent the materials from washing away.

It was also noted that no sign exists at the outfall location. Please refer to Part IV, Paragraph I on Page 22 of your National Pollutant Discharge Elimination System (NPDES) permit for a description of the sign and its requirements. The need to place a sign was mentioned in our previous inspection.

Within 60 days of receipt of this letter you shall install the sign at the outfall location as required by your NPDES permit and complete backfill around the discharge pipe up to the edge of the existing creek bed. You shall submit documentation to our office once this work is completed.

A review of the discharge monitoring reports submitted to our office for the period of January through June 2012 revealed one **violation** of the limits contained in the NPDES permit 2GS00015. The **violation** was for exceeding the CBOD limit in the June 2012 sample.

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

Sincerely,

Walter Ariss, P.E.
Environmental Specialist II
Division of Surface Water

/jlm

Enclosure

pc: Lonnie McGhee, McGhee's TWSI

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 26500015

Facility Name Southwoods Estates Expiration Date 12/31/14

Facility Address King Rd Date 7/19/12 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 100-3,000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp light rain

OEPA Personnel Walter Ari's District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	X	Clear	X	None	X	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	X	Clear	X	None	X	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent X good _____ fair _____ poor operation
 b. Plant has _____ excellent X good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent X 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
<u>X</u>	_____ Chlorination Tablets
<u>X</u>	_____ Dechlorination Tablets
_____	_____ U.V.

Yes No

4. X _____ Compliance with NPDES Permit

Periodic Violations X _____ N _____ Parameters: CBOD in June 2012

Chronic Violations _____

5. X _____ Adequate plant safety

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

Frequency of Visits 2/week

Facility Name: Southwoods Estates

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency:
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	X	Flow Equalization	check/reel grates over 1st tank
Aeration Equipment		Plant Timer X Y ___ N	Cycle Time: appears adequate
	X	Motor/ Blower Unit <i>running</i>	
Secondary Treatment		Aeration Tank	Color: color weak
	X		Adequate Aeration: Y <input checked="" type="checkbox"/> N ___
Final Settling	X	Clarifier	decent clarity -
	X	Sludge Return	In <input checked="" type="checkbox"/> Out ___
	X	Surface Skimmer	In ___ Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter	north bed in use both beds fairly clean + no weeds
		Polishing Pond	
		Other	
Disinfection	X	Chlorine Tube Feeder	tablets okay
	X	Dechlorination Tube Feeder	tablets okay
		Ultraviolet (UV)	
Flow Metering	X	Elapsed Pump Time	on filter dosing
		Recorder (continuous total)	
Pumps	X	Raw Wastewater (type) <i>influent pumps</i>	okay
	X	Sand Filter Effluent Dosing	okay
Sludge Handling	X	Aerated Storage Tank	okay
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	on - tank very clear.
		Spray Irrigation	
		Other	