



**Environmental
Protection Agency**

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

Re: Ashland County
Southwoods Estates Subdivision
NPDES Permit

February 8, 2012

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

Dear Mr. Augenstein,

On January 25, 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. This was mentioned in our previous inspection as well. Backfilling will help stabilize and prevent the pipe from washing away as the first pipe did. It was also noted that no sign exists at the outfall location. Please refer to Part IV, paragraph I on page 22 of your NPDES permit for a description of the sign and its requirements. This sign should be posted as soon as possible.

A review of the discharge monitoring reports submitted to our office for the period of April through December 2011 revealed four **violations** of the limits contained in the NPDES permit 2GS00015. All of these violations were for not meeting the minimum dissolved oxygen limit in the June and August samples. Continued operation of the post aeration line to the chlorine contact tank should help prevent further violations of this parameter.

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

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/jlm

Enclosure

pc: Lonnie McGhee, McGhee's TWSI

ec: Inspection Tracking

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

NPDES Permit No. 2GS00015

Facility Name Southwoods Estates Expiration Date 12/31/2014

Facility Address King Rd Date 1/25/12 Time 2:15 am (pm)

City Ashland County Ashland Township _____

Name and Address of Owner Sutton Bank

Person Contacted _____ Owner Phone _____

Flow: Design 20,000 GPD Present 100-600 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 36° clouds

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: 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
 (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: D.O.

Chronic Violations _____

5. Adequate plant safety

6. Operation and Maintenance Service Name McGhee's T&SE

Frequency of Visits 2/week

Facility Name: Southwoods Estates

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	2	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	2	Flow Equalization	okay
Aeration Equipment	2	Plant Timer <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cycle Time:
		Motor/ Blower Unit off	appears adequate
Secondary Treatment	2	Aeration Tank	Color: color okay Adequate Aeration: Y <input type="checkbox"/> N <input type="checkbox"/> -blower off
Final Settling	2	Clarifier	great clarity
	2	Sludge Return	In <input type="checkbox"/> Out <input checked="" type="checkbox"/> - blower off
	2	Surface Skimmer	In <input type="checkbox"/> Out <input checked="" type="checkbox"/> - blower off
		Fixed Media Clarifier	
Tertiary Treatment	2	Surface Sand Filter	Both filter beds very clear
		Polishing Pond	
		Other	
Disinfection	2	Chlorine Tube Feeder	out
	2	Dechlorination Tube Feeder	out
		Ultraviolet (UV)	
Flow Metering	2	Elapsed Pump Time	on filter dosing pumps
		Recorder (continuous total)	
Pumps	2	Raw Wastewater (type)	okay
	2	Sand Filter Effluent Dosing	okay
Sludge Handling	2	Aerated Storage Tank	air off - half full
		Sludge Drying Bed	
Sludge Disposal	2	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	2	Post Aeration	on
		Spray Irrigation	
		Other	

Need to backfill outfall pipe to post sign.