



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

Re: Ashland County
American Augers
NPDES Permit

November 8, 2012

Mr. Roger Eichel
American Augers
135 U.S. 42
West Salem, Ohio 44287

Dear Mr. Eichel:

On September 25, 2012, an inspection was conducted of the wastewater facilities serving American Augers located at 135 U.S. 42, Jackson Township, Ashland County. During the inspection, I met with Herb of your staff who performs the daily checks. At the time of the inspection, the plant was operating in a satisfactory manner.

The level of the water in the clarifier was approximately two feet below the outlet weir. Herb mentioned that it was possible that sludge had been hauled from the plant the day of the inspection or the day before. He was not aware of when this is normally scheduled. The days when sludge is hauled from the plant should be marked in the log book. There was no entry concerning this in the log. Please confirm with our office the reason for the low level in the clarifier tank.

During the inspection, I also discussed with Herb the use of chlorine and dechlorination tablets in the feeder tubes. Only the necessary number of tablets to last between visits should be kept in the feeder tubes. Filling the tube completely with tablets can lead to premature wicking of water into the tablets, which does not allow them to fall down the feeder once the tablet below has dissolved. It also makes it difficult to confirm that tablets are in contact with the water.

The operator's log book is located in the shed. The log appeared adequate; however, there was no time in or time out recorded for the operator of record. Your operator of record must record the time they spend onsite and initial all of their entries in the log.

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A review of your discharge monitoring reports for the months of January through September 2012 revealed four violations of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. Two violations were for exceeding the CBOD limit in the February sample and two violations were for exceeding the E-coli limit in the June sample.

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

Sincerely,



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

/jlm

Enclosure

pc: Dave Pitsenbarger

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

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

NPDES Permit No. 2PP00172

Facility Name American Augers Expiration Date 4/30/17

Facility Address 135 45 42 Date 9/25/12 Time 2:20 am (pm)

City West Salem County Ashland Township _____

Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 7500 GPD Present 1300-2100 GPD (metered estimated)

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

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: unnamed trib to Wolf 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 <input checked="" type="checkbox"/> _____ <input checked="" type="checkbox"/> _____	OUT _____ Chlorination Tablets _____ Dechlorination Tablets _____ U.V.
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Yes No

4. _____ Compliance with NPDES Permit

Periodic Violations Y _____ N _____ Parameters: CRD, Ecol

Chronic Violations _____

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service Name Dave + Gely Pitsenbarger

Frequency of Visits 2/week

Facility Name: American Augers

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	X	Flow Equalization	okay - new grates
Aeration Equipment		Plant Timer <u>Y</u> X N	Cycle Time: one EQ blower
	X	Motor/ Blower Unit <i>running</i>	two aeration blowers - one duty, one backup
Secondary Treatment	X	Aeration Tank	Color: <i>color dark</i> Adequate Aeration: Y <u>X</u> N <u> </u>
Final Settling	X	Clarifier	level of water 2' below weir - may have pumped today or yesterday
	X	Sludge Return	In <u>X</u> Out <u> </u>
	X	Surface Skimmer	In <u> </u> Out <u>X</u>
	X	Fixed Media Clarifier <i>color is dark</i>	South in use - north empty
Tertiary Treatment	X	Surface Sand Filter	using north bed south bed clean + ready
		Polishing Pond	
		Other	
Disinfection	X	Chlorine Tube Feeder	full of tablets
	X	Dechlorination Tube Feeder	full of tablets
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	X	Recorder (continuous total)	on water well
Pumps	X	Raw Wastewater (type) <i>Flow EQ</i>	okay
	X	Sand Filter Effluent Dosing	okay
Sludge Handling	X	Aerated Storage Tank	tank almost full
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment		Post Aeration	
		Spray Irrigation	
		Other	