



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
Graphite Sales Inc
NPDES Permit

September 8, 2008

Mr. Thomas Hoffman
Graphite Sales Inc.
220 T.R. 791
Nova, Ohio 44859

Dear Mr. Hoffman,

On August 21, 2008, an inspection was made of the wastewater treatment facilities serving Graphite Sales Inc., located at 220 T.R. 791, Nova, Ashland County. At the time of the inspection all major treatment units were in service and appeared to be operating normally. No major concerns were noted. You were present during the inspection to answer any questions.

A review of the discharge monitoring reports submitted to our office for the months of September 2007 through July 2008 revealed three violations of the limits contained in your NPDES permit. Two of these exceedences were for violating the oil and grease limit on the stormwater outfall. Better house keeping activities should help prevent oil and grease violations.

The stormwater outfall was also observed during the inspection. This outfall receives all the stormwater flow from the plant area. At the time of the inspection no discharge was occurring. You indicated that several of the cracked concrete areas around the plant had been repaired in order to improve the efficiency of the sweeping machine. The plant concrete area appeared cleaner than during the previous inspection. It was noted that the area around the northern building dust collector could be swept more often after changing the dust collector bags.

A completed inspection report is enclosed for your review. Please contact me at 419-373-3070 if you have any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/lb

Enclosed

~~pc:IDSWE: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. 2 PR00231

Facility Name Graphite Sales Expiration Date 6/30/2011

Facility Address 220 TR 791 Date 8/2/08 Time 3:30 am

City Nova County Ashland Township Troy

Name and Address of Owner _____

Person Contacted Tom Hoffman Owner Phone _____

Flow: Design 1,500 GPD Present 500-800 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 82° 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: Buck Creek - not observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		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	
_____	_____	Chlorination Tablets
_____	_____	Dechlorination Tablets
<input checked="" type="checkbox"/>	_____	U.V.

Yes No

4. Compliance with NPDES Permit

Periodic Violations Y N Parameters: _____
 Chronic Violations _____ 2 _____

5. Adequate plant safety

6. Operation and Maintenance Service Name McGhee's TWSE

Frequency of Visits 1/week

Facility Name: Graphite Sales

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	8	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	8	Flow Equalization	okay
Aeration Equipment	8	Plant Timer <u>Y</u> N	Operational 2 blowers on aeration
		Motor/ Blower Unit <i>running</i>	1 blower on Flow EQ
Secondary Treatment	8	Aeration Tank	Color: <i>good color</i> Adequate Aeration: Y <u>N</u>
Final Settling	8	Clarifier	<i>fairly clear</i>
	8	Sludge Return	In <u>8</u> Out <u> </u>
	8	Surface Skimmer	In <u> </u> Out <u>8</u>
		Fixed Media Clarifier	
Tertiary Treatment	8	Surface Sand Filter	<i>Both beds very clean</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	8	Ultraviolet (UV)	<i>on / repair indicator light on outside of box</i>
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	8	Raw Wastewater (Type) EQ	<i>okay</i>
	8	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	8	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	8	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	