



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

October 17, 2007

Mr. Thomas Hoffman
Graphite Sales Inc.
220 Township Road 791
Nova, Ohio 44859

Dear Mr. Hoffman:

On October 3, 2007, an inspection was made of the wastewater treatment facilities serving Graphite Sales Inc., located at 220 Township Road 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.

A review of the monthly operating reports submitted to our office for the months of June through August 2007, revealed one violation of the limits contained in your NPDES permit. This was for an exceedence of the total suspended solids limit from the wastewater plant.

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. It was noted that the concrete areas around the plant were mostly covered with a layer of graphite dust. Your company owns a power sweeping machine that is used to sweep all the concrete areas. The use of the machine may need to be increased to prevent the buildup of dust around the plant that then may be washed away during rain events.

Please contact me at 419-373-3070 if you have any questions.

Sincerely,

Walter Ariss
Environmental Specialist II
Division of Surface Water

/llr

Enclosure

pc: DSW-NWDO File
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. 2P020231

Facility Name Graphite Sales Expiration Date 6/30/2011

Facility Address 220 TD 791 Date 10/3/07 Time 10:30 am pm

City Nova County Ashland Township _____

Name and Address of Owner _____

Person Contacted Tom Holman Owner Phone _____

Flow: Design 1,500 GPD Present 500-900 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 75° sunny

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: 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 2 excellent _____ good _____ fair _____ poor operation
 b. Plant has 2 excellent _____ good _____ fair _____ poor maintenance
 c. Sand filters have 2 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
<u>2</u>	_____ U.V.

Yes No
 4. 2 _____ Compliance with NPDES Permit

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

5. 2 _____ Adequate plant safety

6. 2 _____ Operation and Maintenance Service Name Holman's Trust

Frequency of Visits 1/week

Facility Name: Graphite Sales

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	<input checked="" type="checkbox"/>	Trash Trap	Pumping Frequency: ?
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	OK
Aeration Equipment		Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N	Cycle Time:
	<input checked="" type="checkbox"/>	Motor/ Blower Unit <i>running</i>	
Secondary Treatment	<input checked="" type="checkbox"/>	Aeration Tank	Color: <i>good color</i> Adequate Aeration: <u>Y</u> <input checked="" type="checkbox"/> N
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>looks good</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out
	<input checked="" type="checkbox"/>	Surface Skimmer	In Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>Filter beds need weeded</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	<input checked="" type="checkbox"/>	Ultraviolet (UV)	<i>on</i>
Flow Metering		Elapsed Pump Time	
		Recorder (continuous total)	
Pumps	<input checked="" type="checkbox"/>	Raw Wastewater (type) <i>EQ</i>	
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	<input checked="" type="checkbox"/>	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	<input checked="" type="checkbox"/>	Post Aeration	
		Spray Irrigation	
		Other	