



State of Ohio Environmental Protection Agency

**Northwest District Office**

347 North Dunbridge Rd.  
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

May 19, 2009

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

Dear Mr. Hoffman:

On May 7, 2009, 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.

At the time of the inspection the treatment plant appeared to be operating in a satisfactory manner. You stated that a company was out the day before the inspection to haul waste from the trash trap and sludge from the clarifiers. No major concerns were noted with the treatment plant operations.

A review of the discharge monitoring reports submitted to our office for the months of August 2008 through April 2009 revealed several **violations** of the limits contained in your NPDES permit. You stated that the oil and grease violation in February was caused by ice freezing around the floating boom in your catch basin which allowed oil to pass under the boom. No violations occurred in March or April 2009.

Our 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  
/csi  
Enclosure

pc: DSW-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. 2PR00231

Facility Name Graphite Sales Expiration Date 6/30/2011

Facility Address 220 TR 791 Date 5/7/09 Time 11:00 am

City Abwa County Ashland Township \_\_\_\_\_

Name and Address of Owner \_\_\_\_\_

Person Contacted Tom Hoffman Owner Phone \_\_\_\_\_

Flow: Design 1,500 GPD Present 400-500 GPD (metered - estimated)

Trib. Pop. \_\_\_\_\_ (actual - estimated) Weather at time of inspection: Temp 66° 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: NH<sub>3</sub>, CBOD  
 Chronic Violations \_\_\_\_\_

5.  \_\_\_\_\_ Adequate plant safety

6.  \_\_\_\_\_ Operation and Maintenance Service Name McGhee's TWSI

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: <i>pumped the day before inspd</i>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
	<input checked="" type="checkbox"/>	Flow Equalization	<i>okay</i>
Aeration Equipment		Plant Timer <u>Y</u> <input checked="" type="checkbox"/> N	Cycle Time: <i>both blowers running</i>
	<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: Y <input checked="" type="checkbox"/> N <input type="checkbox"/>
Final Settling	<input checked="" type="checkbox"/>	Clarifier	<i>fairly clear</i>
	<input checked="" type="checkbox"/>	Sludge Return	In <input checked="" type="checkbox"/> Out <input type="checkbox"/>
	<input checked="" type="checkbox"/>	Surface Skimmer	In <input type="checkbox"/> Out <input checked="" type="checkbox"/>
		Fixed Media Clarifier	
Tertiary Treatment	<input checked="" type="checkbox"/>	Surface Sand Filter	<i>filters look okay / one bed almost dry &amp; ready to be cleaned</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	
	<input checked="" type="checkbox"/>	Recorder (continuous total)	<i>from water meter</i>
Pumps	<input checked="" type="checkbox"/>	<del>Raw Wastewater (type)</del> <i>Flow EQ</i>	<i>okay</i>
	<input checked="" type="checkbox"/>	Sand Filter Effluent Dosing	<i>okay</i>
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	<i>or / some foam present</i>
		Spray Irrigation	
		Other	