



**Environmental
Protection Agency**

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

Re: Ashland County
Graphite Sales Inc.
NPDES Permit

May 15, 2012

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

Dear Mr. Hoffman:

On May 3, 2012, 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. A clear final effluent was being discharged. The operator's log was reviewed and found to be adequate. No major concerns were noted.

During the inspection, we reviewed the facility's Storm Water Pollution Prevention Plan (SWP3). We discussed the requirement for staff training on storm water pollution prevention. The SWP3 should include records of when staff is trained, the content of the training, and frequency of training. Your plan does not include any reference to staff training. This should be corrected as soon as possible. We discussed adding the storm water training to other training events that are already performed annually. The other sections of the SWP3 appeared adequate.

A review of the discharge monitoring reports submitted to our office for the months of March 2011 through March 2012 revealed six violations of the limits contained in your NPDES permit. A printout of these violations has been included for your review. Our completed inspection report is enclosed for your review.

Sincerely,

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

/jlm

Enclosures

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. 2PR00231

Facility Name Graphite Sales Inc Expiration Date 1/31/17

Facility Address 220 TR 791 Date 5/3/12 Time 11:00 am

City Nova County Ashtabul Township _____

Name and Address of Owner _____

Person Contacted Tom Holtzman Owner Phone _____

Flow: Design 1500 GPD Present 200-700 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 68° 54%

OEPA Personnel Walter Griss 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
_____	_____
_____	_____
<input checked="" type="checkbox"/>	_____

Chlorination Tablets
 Dechlorination Tablets
 U.V.

Yes No

4. Compliance with NPDES Permit

Periodic Violations N NH3 Parameters: _____
 Chronic Violations _____

5. Adequate plant safety

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

Frequency of Visits 1/week

Facility Name: Graphite Sales

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
Aeration Equipment		Plant Timer ___ Y <u>X</u> N	Cycle Time:
	X	Motor/ Blower Unit <i>running</i>	<i>all blowers in good condition</i>
Secondary Treatment	X	Aeration Tank	Color: <i>good color & roll</i> Adequate Aeration: Y <u>X</u> N ___
Final Settling	X	Clarifier	<i>good clarity</i>
	X	Sludge Return	In <u>X</u> Out ___
	X	Surface Skimmer	In <u>X</u> Out ___
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter	<i>both filter beds fairly clean</i>
		Polishing Pond	
		Other	
Disinfection		Chlorine Tube Feeder	
		Dechlorination Tube Feeder	
	X	Ultraviolet (UV)	<i>on</i>
Flow Metering		Elapsed Pump Time	
	X	Recorder (continuous total)	<i>on water well</i>
Pumps	X	Raw Wastewater (type) <i>Flow EQ</i>	<i>okay</i>
	X	Sand Filter Effluent Dosing	<i>okay</i>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	<i>on</i>
		Spray Irrigation	
		Other	

Get New Data

Graphite Sales NPDES permit limit violations March 2011 through March 2012

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PR00231*AD	April 2011	001	00550	Oil and Grease, Total	1D Conc	10	30.3	4/4/2011
2PR00231*AD	July 2011	601	00530	Total Suspended Solids	30D Conc	12	17.2	7/1/2011
2PR00231*AD	August 2011	601	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	4.26	8/1/2011
2PR00231*AD	August 2011	601	00610	Nitrogen, Ammonia (NH3	30D Qty	0.0056	.01035	8/1/2011
2PR00231*AD	August 2011	601	00610	Nitrogen, Ammonia (NH3	1D Conc	1.5	4.26	8/2/2011
2PR00231*AD	August 2011	601	00610	Nitrogen, Ammonia (NH3	1D Qty	0.0085	.01035	8/2/2011