



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

Re: Ashland County
Graphite Sales Inc
NPDES Permit

June 13, 2013

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

Dear Mr. Hoffman:

On June 5, 2013, 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.

A review of the discharge monitoring reports submitted to our office for the months of April 2012 through April 2013 revealed one violation of the limits contained in your National Pollutant Discharge Elimination System (NPDES) permit. This violation was for exceeding the CBOD limit in the September 2012 sample. Our completed inspection report is enclosed for your review.

Sincerely,

A handwritten signature in cursive script, appearing to read "Walter Ariss".

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

/jlm

Enclosure

pc: Lonnie McGhee, McGhee's TWSI

ec: Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 150,000 GPD

NPDES Permit No. 2PR00231

Facility Name Graphite Sales Expiration Date 11/31/17

Facility Location 220 TR 791 Date 6/5/13 Time 2:00pm (pm)

City Nova County Ashtabul Township _____

Name of Owner _____ Owner Phone _____

Person Contacted Tom Hoffman Operator of Record Joe Fagin / MTWSE

Flow Design 1500 GPD WWTP Classification: XA or I

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 70° - 54°

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	Turbidity	Odor	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

No.	Severity Description	Turbidity	Odor	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- N/A

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"/>	_____ Ultraviolet (U.V.)

- Yes No
 4. _____ Compliance with NPDES Permit
 Periodic Violations Y X _____ N _____ Parameters: CSOD
 Chronic Violations _____ X _____
 5. _____ O & M logbook kept and available on site: Location in mailbox at plant blowers
 6. _____ Staffing Requirement Met (Class A - 2 days per week for minimum 1 hour per week)
 (Class I - 3 days per week for minimum 1.5 hours per week)
 7. _____ Adequate Plant Safety: Deficiencies _____

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