



**TIDEWATER INC**

January 25, 2014

Memorandum: Downed Tree Contract Exceedance  
From: Chico Reyes / Shane Reese  
Subject: Minutes from downed trees exceedance meeting with USACE/TWI/Brightfields

United States Army Corps of Engineers (USACE), Tidewater, Inc. (TWI), and held a meeting on January 25, 2014. This meeting was held in support of downed tree exceedance calculation, schedule impactation, and a path forward. The meeting was called to order at 10:00AM eastern standard time. Rodrigue Noel (USACE), Chico Reyes (TWI), Shane Reese (TWI), and Dan Hartnett (Brightfields) attended. The following items were discussed:

1. The following items were discussed:



- All attendees toured the four areas in question on site: Areas 3, 5, 8, and 9.
- Area 9 was used as example to show trees that were already downed impeding the progress of a future gamma walkover survey (GWS).
- Noted that trees in the park have a shallow root system making them susceptible to collapse.
- Trees deep within some areas continue to fall. There is no fall rate calculated in these areas currently.
- Brightfields provided a low end estimation of three times (3x) the current contracted amount for mulching of the downed trees in current survey areas.
- A field investigation is to take place of the downed trees to collect GPS locations and give a rough idea of the amount of trees in survey areas.
- Impact to schedule progress for both Tidewater and Brightfields was discussed.
  - i. As it currently stands there is no expectation of schedule deviation for Tidewater. The possibility of Brightfields schedule deviation remains. Further analysis of the schedule will continue as areas continue to open and trees continue to fall.

The meeting adjourned at 11:00AM est.

Attachments:

- Attachment A: Photos



	
Example of tree downed in Area 3 outside of the contracted downed tree mulching.	Downed tree laydown area trees currently expect to exceed contracted amount.
	
Detail of the root system of trees falling over	Example of rows of downed trees in Area 8

END OF REPORT

<b>PREPARATORY PHASE CHECKLIST</b>		SPEC SECTION N/A	DATE 2/26/14
(CONTINUED ON SECOND PAGE)			
CONTRACT NO W912BU-13-C-0010	DEFINABLE FEATURE OF WORK Tree Grinding	SCHEDULE ACT NO. 4.4/4.5/4.6	INDEX # N/A
<b>PERSONNEL PRESENT</b>	GOVERNMENT REP NOTIFIED _____ HOURS IN ADVANCE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NAME _____ POSITION _____ COMPANY/GOVERNMENT _____		
<b>SUBMITTALS</b>	REVIEW SUBMITTALS AND/OR SUBMITTAL REGISTER. HAVE ALL SUBMITTALS BEEN APPROVED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF NO, WHAT ITEMS HAVE NOT BEEN SUBMITTED? N/A		
	ARE ALL MATERIALS ON HAND? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF NO, WHAT ITEMS ARE MISSING? N/A		
<b>MATERIAL STORAGE</b>	ARE MATERIALS STORED PROPERLY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, WHAT ACTION IS TAKEN? N/A		
<b>SPECIFICATIONS</b>	REVIEW EACH PARAGRAPH OF SPECIFICATIONS. <u>Work plan section 2.1 under tree clearing</u>		
	DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. <u>Barriers established at all points of public access. Grinder mobilization and tree preparation. Exclusion zones established</u>		
	<u>Three hundred and five hundred feet radius. Trees chipped to eight inch minus size. Chips spread over firebreak road below Areas eight and ten, above nine. No more than six inches</u>		
	<u>In depth. Technician will walk over woodchips as they are laid down with Ludlum 44-10 watching for areas of twice background. Technician will collect one sample for every three</u>		
	<u>hundred and fifty cubic yards of chips generated.</u>		
<b>PRELIMINARY WORK &amp; PERMITS</b>	ENSURE PRELIMINARY WORK IS CORRECT AND PERMITS ARE ON FILE. IF NOT, WHAT ACTION IS TAKEN? N/A		

TESTING	IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM. Gamma Spectroscopy on woodchips. Twenty one day in-growth. / <b>Frequency:</b> every three hundred and fifty Cubic yards / <b>Off-site laboratory:</b> ALS Environmental
	WHEN REQUIRED? As produced
	WHERE REQUIRED? Woodchip generation and winrows
REVIEW TESTING PLAN.	
HAS TEST FACILITIES BEEN APPROVED? Yes	
SAFETY	ACTIVITY HAZARD ANALYSIS APPROVED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> REVIEW APPLICABLE PORTION OF EM 385-1-1. Accident Hazard Analysis Task 2
MEETING COMMENTS	NAVY/ROICC COMMENTS DURING MEETING.
OTHER ITEMS OR REMARKS	OTHER ITEMS OR REMARKS:
<div style="display: flex; justify-content: space-between;"> <span>QC MANAGER _____</span> <span>DATE _____</span> </div>	

**Great Kills Park  
Environment Daily Status Report**



**BrightFields, Inc.**  
Environmental Services

**Date:** 3 / 2 / 14

**Weather:** Cloudy, **Temperature:** 40's, **Winds:** None

**Construction Items Completed:**

N/A

**Construction Items Ongoing:**

Chipping cut trees

**Material Management (Soil/Wood/Water):**

N/A

**Personal Protection Equipment Used by Workers:**

Used: ☒ Safety glasses ☒ Hard hat ☒ Steel toe boots  
☐ Nitrile gloves ☒ Hearing protection ☐ Other: \_\_\_\_\_  
Needed: \_\_\_\_\_

**Sampling or Monitoring Completed:**

(if yes, please specify the reason.)

Air monitoring on site	No	<input checked="" type="checkbox"/> Yes	reason: <u>Tab Grinding</u>
Water discharge sampling	No	<input type="checkbox"/> Yes	reason: _____
Soil sampling	No	<input checked="" type="checkbox"/> Yes	reason: <u>Tab Grinding</u>
Noise Monitoring			

**Visitors Briefed on Environmental Conditions:**

\_\_\_\_\_

Completed By: D. J. [Signature]

Weather: Cloudy

## Great Kills Park Air/Noise Monitoring Log

[illegible]

Inspector Signature: D. J. [Signature]

Date: 3/7/14

### Action Levels for Noise:

dB Range

50-85 dB above background

86-130 db

>130

### Level of Protection

### Level D

Ear Protection  $\geq$  NRR 25

## Dual Ear Protection

### Action Levels for Dust:

Dust level

 $4 \text{ mg/m}^3$ 
$$> 4 \text{ mg/m}^3$$

### Level of Protection

### Level D plus engineering controls

Stop work, evacuate workers and implement more stringent engineering control or possible Level C.

NR- air monitoring reading was not recorded at that time.

# Great Kills Park Environment Daily Status Report



**BrightFields, Inc.**  
Environmental Services

Date: 3 / 6 / 14

Weather: Sunny, Temperature: 20's, Winds: light

## Construction Items Completed:

Spread Approx. 600 cubic yards of mulch over fire road

## Construction Items Ongoing:

## Material Management (Soil/Wood/Water):

442 cubic yards with dump trailer

104 cubic yards with dump truck

## Personal Protection Equipment Used by Workers:

Used: ☒ Safety glasses ☒ Hard hat ☒ Steel toe boots  
☐ Nitrile gloves ☒ Hearing protection ☐ Other: \_\_\_\_\_

Needed: \_\_\_\_\_

## Sampling or Monitoring Completed:

(if yes, please specify the reason.)

Air monitoring on site No ☒ Yes, reason: Tub Grinder

Water discharge sampling No ☐ Yes, reason: \_\_\_\_\_

Soil sampling No ☒ Yes, reason: Tub Grinder

Noise Monitoring

## Visitors Briefed on Environmental Conditions:

Completed By: Dan / [Signature]



Date: 3 / 6 / 14

## Great Kills Park Air/Noise Monitoring Log

[illegible]

**Inspector Signature:**

**Date:** 3/6/14

### Action Levels for Noise:

### dB Range

50-85 dB above background

86-130 db

**>130**

### Level of Protection

### Level D

Ear Protection  $\geq$  NRR 25

### Dual Ear Protection

### Action Levels for Dust:

### Dust level

 $4 \text{ mg/m}^3$  $> 4 \text{ mg/m}^3$ 

### Level of Protection

### Level D plus engineering controls

Stop work, evacuate workers and implement more stringent engineering control or possible Level C.

NR- air monitoring reading was not recorded at that time.



**Great Kills Park  
Environment Daily Status Report**



**BrightFields, Inc.**  
Environmental Services

**Date:** 3/5/14

**Weather:** Clear, **Temperature:** 60°, **Winds:** None

**Construction Items Completed:**

N/A

**Construction Items Ongoing:**

all perimeters fencing in to be at before chipping  
look place

**Material Management (Soil/Wood/Water):**

Moving chipped/mulch to fire road

**Personal Protection Equipment Used by Workers:**

Used: ☒ Safety glasses ☒ Hard hat ☐ Steel toe boots  
☐ Nitrile gloves ☒ Hearing protection ☐ Other: \_\_\_\_\_

Needed: \_\_\_\_\_

**Sampling or Monitoring Completed:**

(if yes, please specify the reason.)

Air monitoring on site No ☒ Yes, reason: tub grinding

Water discharge sampling No Yes, reason: \_\_\_\_\_

Soil sampling No ☒ Yes, reason: tub grinding

Sound monitoring

**Visitors Briefed on Environmental Conditions:**

\_\_\_\_\_

Completed By: Dan J. Hester

Date: 3/5/14  
Weather: clear

## Great Kills Park Air/Noise Monitoring Log

[illegible]

Inspector Signature: Gal / Hrus II

**Date:** 3/5/14

### Action Levels for Noise:

**dB Range**

50-85 dB above background

86-130 db

**>130**

### Level of Protection

### Level D

Ear Protection  $\geq$  NRR 25

### Dual Ear Protection

**Action Levels for Dust:**

Dust level

 $4 \text{ mg/m}^3$  $> 4 \text{ mg/m}^3$ 

### Level of Protection

### Level D plus engineering controls

Stop work, evacuate workers and implement more stringent engineering control or possible Level C.

NR- air monitoring reading was not recorded at that time.

**Great Kills Park  
Environment Daily Status Report**



**BrightFields, Inc.**  
Environmental Services

**Date:** 3/4/14

**Weather:** 44° Clear & cold, **Temperature:** 14°, **Winds:** 6 mph NNE

**Construction Items Completed:**

tree stock pile

**Construction Items Ongoing:**

chipping & clearing of area #6

**Material Management (Soil/Wood/Water):**

**Personal Protection Equipment Used by Workers:**

Used: ☒ Safety glasses ☐ Hard hat ☒ Steel toe boots  
☐ Nitrile gloves ☒ Hearing protection ☐ Other: \_\_\_\_\_

Needed: \_\_\_\_\_

**Sampling or Monitoring Completed:**

(if yes, please specify the reason.)

Air monitoring on site	No	<u>Yes</u> , reason: <u>Subgrinding</u>
Water discharge sampling	No	Yes, reason: _____
Soil sampling	No	Yes, reason: _____

**Visitors Briefed on Environmental Conditions:**

H&S with Fredco on winter visitors. PPE & action levels  
Medicinal safety zones

**Completed By:** \_\_\_\_\_

Date: 3/4/14  
Weather: clear/cold 14°

## Great Kills Park Air/Noise Monitoring Log



**BrightFields, Inc.**  
Environmental Services

[illegible]

**Inspector Signature:** \_\_\_\_\_

Date: \_\_\_\_\_

**Action Levels for Noise:**

**dB Range**

50-85 dB above background

86-130 db

**>130**

### Level of Protection

### Level D

Ear Protection  $\geq$ NRR 25

### Dual Ear Protection

### Action Levels for Dust:

### Dust level

$$4 \text{ mg/m}^3$$
$$> 4 \text{ mg/m}^3$$

### Level of Protection

### Level D plus engineering controls

### Stop work, evacuate workers and implement more stringent

engineering control or possible Level C.

NR- air monitoring reading was not recorded at that time.





THE CITY OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Bureau of Environmental Compliance  
59-17 Junction Boulevard, 9<sup>th</sup> Floor, Flushing, New York 11373  
Records Control (718) 595-3855

## Construction Noise Mitigation Plan

IT IS NOT NECESSARY TO FILE THIS DOCUMENT WITH DEP; HOWEVER, IT MUST BE POSTED AND/OR ACCESSIBLE TO INSPECTORS.  
IF THIS DOCUMENT IS NOT POSTED ON SITE, CONTACT SHEET MUST BE POSTED.

*The responsible party shall be liable for the accuracy of the document and compliance with all applicable rules in  
Title 15 Rules of the City of New York - RCNY Chapter 28.*

### Contact Information

Name of Responsible Party as defined in Title 15 RCNY §28-109: Tidewater

Work Site Location: Great Kills Park 10306 Staten Island  
Address Zip Borough Block Lot

Contact Phone Number of Responsible Party: 916-397-5713

Approximate Distance to Closest Receptor (defined in Title 15 RCNY §28-109 of) 500 feet.

Demolition Construction Work is Taking Place from: MAR / 2014 To MAR / 2014  
Month Year Month Year

Excavation Construction Work is Taking Place from: \_\_\_\_\_ / \_\_\_\_\_ To \_\_\_\_\_ / \_\_\_\_\_  
Month Year Month Year

Foundation Construction Work is Taking Place from: \_\_\_\_\_ / \_\_\_\_\_ To \_\_\_\_\_ / \_\_\_\_\_  
Month Year Month Year

Superstructure Construction Work is Taking Place from: \_\_\_\_\_ / \_\_\_\_\_ To \_\_\_\_\_ / \_\_\_\_\_  
Month Year Month Year

Finishing Construction Work is Taking Place from: \_\_\_\_\_ / \_\_\_\_\_ To \_\_\_\_\_ / \_\_\_\_\_  
Month Year Month Year

Other Construction Work is Taking Place from: \_\_\_\_\_ / \_\_\_\_\_ To \_\_\_\_\_ / \_\_\_\_\_  
Month Year Month Year

Normal Work Hours (as defined in NYC Administrative Code §24-222) 8am - 5pm

NYC Department of Transportation Permit number(s) \_\_\_\_\_

NYC Department of Buildings Permit number(s) \_\_\_\_\_

### Construction Devices

Check applicable boxes below:

*List of §102 construction devices to be used at the site. When the additional devices listed below each category are utilized, the use of barriers as set forth in section IV herein is not required unless the NYC Department of Environmental Protection receives complaints as set forth in §28-102(C) of Title 15 of the RCNY for each device. If however, the specific devices listed below each main category of devices are not checked, and you are using any of the main devices listed below, then the use of barriers set forth in Section IV herein shall be utilized. However, if you specified "other" in a category, you shall be required to utilize barriers as set forth in Section IV herein.*

#### ☐ PILE DRIVERS

- ☐ Vibratory Pile Driver or Hydraulic Impact Pile Driver as defined in 102(a)(1)(B)(ii)
- ☐ Noise Bellows as defined in 102(a)(1)(B)(viii)
- ☐ No

☐ JACKHAMMERS

- ☐ Quieter makes and models as defined in 102(a)(2)(B)(i)  
☐ No

☐ HOE RAMS

- ☐ Quieter makes and models as defined in 102(a)(3)(B)(i)  
☐ Noise Shroud as defined in 102(a)(3)(B)(iii)  
☐ No

☐ BLASTING☐ VACUUM EXCAVATORS

- ☐ Smaller Capacity vac-truck as defined in 102(b)(1)(B)(i)  
☐ Silencer as defined in 102(b)(1)(B)(iii)  
☐ No

☐ DUMP TRUCKS

- ☐ US Made European Environmental Label equipment or equivalent as defined in 102(c)(1)(B)(iii)  
☐ No

☐ CRANES

- ☐ Modern Hydraulic Crane as defined in 102(d)(1)(B)(ii)  
☐ US Made European Environmental Label equipment or equivalent as defined in 102(d)(B)(1)(iii)  
☐ No

☐ CONCRETE SAWS☐ SANDBLASTING☐ AUGER DRILL RIGS.☐ OTHER

---



---



---

## **Additional Construction Devices**

List of additional applicable construction devices to be used at the site:

☐ GENERATORS    ☐ COMPRESSORS    ☐ STREET PLATES    ☐ BACKUP ALARMS    ☐ PUMPS

*Note: DEP will utilize the Federal Highway Administration Roadway Construction Model as a means of identifying equipment either in Section II or III, that may be the cause of a noise complaint, see §28-101(a) of Title 15 of the RCNY for compliance options.*

## **Mitigation Barriers**

*Noise Mitigation Barriers Utilized: If required as set forth in §28-101(g) of Title 15 of the RCNY.*

Required to use Perimeter barrier /DOB construction fence or temporary/moveable barrier:

☐ YES                      ☐ NO

☐ PILE DRIVERS

☐ Perimeter barrier/DOB Construction Fence      ☐ Temporary barrier      ☐ Moveable barrier

☐ JACKHAMMERS

☐ Perimeter barrier/DOB Construction Fence      ☐ Temporary barrier      ☐ Moveable barrier

☐ HOE RAMS

☐ Perimeter barrier/DOB Construction Fence      ☐ Temporary barrier      ☐ Moveable barrier

☐ BLASTING

☐ Perimeter barrier/DOB Construction Fence      ☐ Temporary barrier      ☐ Moveable barrier

☐ VACUUM EXCAVATORS

☐ Perimeter barrier/DOB Construction Fence      ☐ Temporary barrier      ☐ Moveable barrier

☐ DUMP TRUCKS

☐ Perimeter barrier/DOB Construction Fence      ☐ Temporary barrier      ☐ Moveable barrier

☐ CRANES

☐ Perimeter barrier/DOB Construction Fence      ☐ Temporary barrier      ☐ Moveable barrier

☐ AUGER DRILL RIGS

☐ Perimeter barrier/DOB Construction Fence      ☐ Temporary barrier      ☐ Moveable barrier

☐ STREET PLATES

☐ Perimeter barrier/DOB Construction Fence      ☐ Temporary barrier      ☐ Moveable barrier

☐ BACKUP ALARMS

☐ Perimeter barrier/DOB Construction Fence      ☐ Temporary barrier      ☐ Moveable barrier

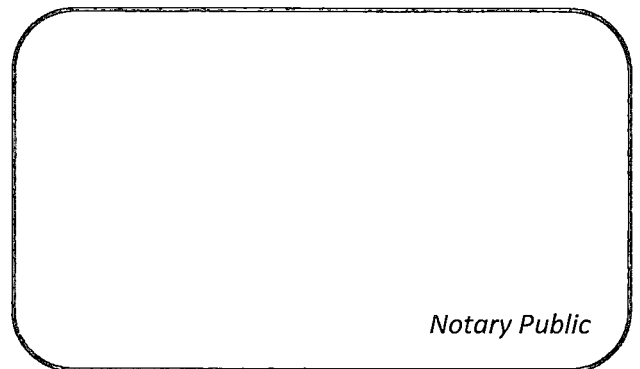
☐ CONCRETE SAWS

☐ Perimeter barrier/DOB Construction Fence      ☐ Temporary barrier      ☐ Moveable barrier

I \_\_\_\_\_ of the \_\_\_\_\_  
Name of Responsible Party      Company

hereby certify that the information contained in this form is true and accurate.

Signature \_\_\_\_\_ Date \_\_\_\_\_



Notary Public

<b>PREPARATORY PHASE CHECKLIST</b> (CONTINUED ON SECOND PAGE)		SPEC SECTION N/A	DATE 2/26/14
CONTRACT NO W912BU-13-C-0010	DEFINABLE FEATURE OF WORK Tree Grinding	SCHEDULE ACT NO. 4.4/4.5/4.6	INDEX # N/A
<b>PERSONNEL PRESENT</b>	GOVERNMENT REP NOTIFIED _____ HOURS IN ADVANCE: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NAME _____ POSITION _____ COMPANY/GOVERNMENT _____ <i>See attached</i>		
<b>SUBMITTALS</b>	REVIEW SUBMITTALS AND/OR SUBMITTAL REGISTER. HAVE ALL SUBMITTALS BEEN APPROVED? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF NO, WHAT ITEMS HAVE NOT BEEN SUBMITTED? <u>N/A</u>		
	ARE ALL MATERIALS ON HAND? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF NO, WHAT ITEMS ARE MISSING? <u>N/A</u>		
	CHECK APPROVED SUBMITTALS AGAINST DELIVERED MATERIAL. (THIS SHOULD BE DONE AS MATERIAL ARRIVES.) COMMENTS: <u>No submittals necessary</u>		
<b>MATERIAL STORAGE</b>	ARE MATERIALS STORED PROPERLY? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, WHAT ACTION IS TAKEN? <u>N/A</u>		
<b>SPECIFICATIONS</b>	REVIEW EACH PARAGRAPH OF SPECIFICATIONS. <u>Work plan section 2.1 under tree clearing</u>		
	DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK <u>Barriers established at all points of public access. Grinder mobilization and tree preparation. Exclusion zones established</u> <u>Three hundred and five hundred feet radius. Trees chipped to eight inch minus size. Chips spread over firebreak road below Areas eight and ten, above nine. No more than six inches</u> <u>in depth. Technician will walk over woodchips as they are laid down with Ludlum 44-10 watching for areas of twice background. Technician will collect one sample for every three</u> <u>hundred and fifty cubic yards of chips generated.</u>		
	CLARIFY ANY DIFFERENCES. <u>Work plan states that one thousand two hundred cubic yards will be generated. Actual generation will be contracted amount of seven hundred and</u> <u>Seventy cubic yards.</u>		
<b>PRELIMINARY WORK &amp; PERMITS</b>	ENSURE PRELIMINARY WORK IS CORRECT AND PERMITS ARE ON FILE. IF NOT, WHAT ACTION IS TAKEN? <u>N/A</u>		



TESTING	IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM. <u>Gamma Spectroscopy on woodchips. Twenty one day in-growth. / Frequency: every three hundred and fifty</u> <u>Cable yards / Off-site laboratory: ALS Environmental</u>
	WHEN REQUIRED? <u>As produced</u>
	WHERE REQUIRED? <u>Woodchip generation and winrows</u>
	REVIEW TESTING PLAN. _____
HAS TEST FACILITIES BEEN APPROVED? <u>Yes</u>	
SAFETY	ACTIVITY HAZARD ANALYSIS APPROVED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> REVIEW APPLICABLE PORTION OF EM 385-1-1. <u>Accident Hazard Analysis Task 2</u>
MEETING COMMENTS	NAVY/ROICC COMMENTS DURING MEETING.
OTHER ITEMS OR REMARKS	OTHER ITEMS OR REMARKS:
<div style="text-align: right;">           QC MANAGER _____ DATE _____         </div>	





# ALS Laboratory Group

225 Commerce Drive, Fort Collins, Colorado 80524  
 TF: (800) 443-1511 PH: (970) 490-1511 FX: (970) 490-1522

## Chain-of-Custody

Form 202r8

WORKORDER #

PAGE

of

DISPOSAL

By Lab or Return to Client

PROJECT NAME Great Kulls Park

SAMPLER

SITE ID

DATE

TURNAROUND

PROJECT No. N303

EDD FORMAT

PURCHASE ORDER

COMPANY NAME Tide water

BILL TO COMPANY

SEND REPORT TO 1920 tribute rd. Ste L

INVOICE ATTN TO

ADDRESS

ADDRESS

CITY / STATE / ZIP Sacramento, Ca 95815

CITY / STATE / ZIP

PHONE 916-833-2945

PHONE

FAX

FAX

E-MAIL Cgray@Shane.Reese@tdeh20.net

E-MAIL

Lab ID

Field ID

Matrix

Sample Date

Sample Time

# Bottles

Pres.

QC

Sample 1A

NS

3/6/14

10:00

X

Sample 1B

NS

3/6/14

14:10

X

Sample 2A

NS

3/7/14

14:30

X

Sample 2B

NS

3/11/14

09:19

X

\*Time Zone (Circle) EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:

Gamma Spectroscopy Ra226 21-day ingrowth

QC PACKAGE (check below)

LEVEL II (Standard QC)

LEVEL III (Std QC + forms)

LEVEL IV (Std QC + forms + raw data)

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

SIGNATURE

PRINTED NAME

DATE

TIME

RELINQUISHED BY

RECEIVED BY

RELINQUISHED BY

RECEIVED BY

RELINQUISHED BY

RECEIVED BY

Shane Reese

3/12/14

70:00



**BrightFields, Inc.**  
Environmental Services

Project Name: Great Kills 2933.01.52	Project Location: Great Kills NY
Inspected by: DJH/JWV	Date of Inspection: 3/4/14
Equipment Name: <i>Chipper</i>	Number: —

312 Excavator \*

## CONSTRUCTION EQUIPMENT INSPECTION

	OK	BAD	N/A	Remarks		OK	BAD	N/A	Remarks
Tracks, tires, wheels	/				Motor (wiring)	/			
Brakes	/				Radiator	/			
Horn	/				Belts	/			
Lights	/				Hoses	/			
Clutch	/								
Windshield Wiper	/								
Glass	/								
					Shop				
Rear View Mirror	/				Equipment	N/A			
Body	/				Lubrication Points				
Cover	/				Loose Bearings				
Frame	/				Guards				
Dump Mechanism	/				Belt Tension				
Steering	/				Loose Gears				
Fire Extinguisher	/				Brakes				
Signal System	/				Vibration				
Fuel & Gas Lines	/				Pneu. Interlocks				
Fuel Tank	/				Exhaust System				
Exhaust System	/				Proper RPM				
Boom	/				Overload Protect				
Boom Hoist	/				Mech. Switch				
					Ground				
Sheaves			/		Continuity				
Hooks,			/		Limit Switches				
Grab Bars, Steps	/				Cords				
Warning Lights	/				Plugs/Receptacles				

\* observed equipment and confirmed status with operator





**BrightFields, Inc.**  
Environmental Services

Project Name: Great Kills 2933.01.52	Project Location: Great Kills NY
Inspected by: DJH/JWV	Date of Inspection: 3/5/14
Equipment Name: Chipper	Number: -

312 Excavator

## CONSTRUCTION EQUIPMENT INSPECTION

	OK	BAD	N/A	Remarks		OK	BAD	N/A	Remarks
Tracks, tires, wheels	/				Motor (wiring)	/			
Brakes	/				Radiator	/			
Horn	/				Belts	/			
Lights	/				Hoses	/			
Clutch	/								
Windshield Wiper	/								
Glass	/								
					Shop				
Rear View Mirror	/				Equipment	N/A			
Body	/				Lubrication Points				
Cover	/				Loose Bearings				
Frame	/				Guards				
Dump Mechanism	/				Belt Tension				
Steering	/				Loose Gears				
Fire Extinguisher	/				Brakes				
Signal System	/				Vibration				
Fuel & Gas Lines	/				Pneu. Interlocks				
Fuel Tank	/				Exhaust System				
Exhaust System	/				Proper RPM				
Boom	/				Overload Protect				
Boom Hoist	/				Mech. Switch				
					Ground				
Sheaves			/		Continuity				
Hooks,			/		Limit Switches				
Grab Bars, Steps	/				Cords				
Warning Lights	/				Plugs/Receptacles				

\* observed equipment and confirmed status with operator



**BrightFields, Inc.**  
Environmental Services

Project Name: Great Kills 2933.01.52	Project Location: Great Kills NY
Inspected by: DJH/JWV	Date of Inspection: 3/6/14
Equipment Name: Chipper & 312 Excavator *	Number: —

## CONSTRUCTION EQUIPMENT INSPECTION

	OK	BAD	N/A	Remarks		OK	BAD	N/A	Remarks
Tracks, tires, wheels	/	—	—		Motor (wiring)	/	—	—	
Brakes	/	—	—		Radiator	/	—	—	
Horn	/	—	—		Belts	/	—	—	
Lights	/	—	—		Hoses	/	—	—	
Clutch	/	—	—						
Windshield Wiper	/	—	—						
Glass	/	—	—						
					Shop				
Rear View Mirror	/	—	—		Equipment	N/A	—	—	
Body	/	—	—		Lubrication Points	—	—	—	
Cover	/	—	—		Loose Bearings	—	—	—	
Frame	/	—	—		Guards	—	—	—	
Dump Mechanism	/	—	—		Belt Tension	—	—	—	
Steering	/	—	—		Loose Gears	—	—	—	
Fire Extinguisher	/	—	—		Brakes	—	—	—	
Signal System	/	—	—		Vibration	—	—	—	
Fuel & Gas Lines	/	—	—		Pneu. Interlocks	—	—	—	
Fuel Tank	—	—	—		Exhaust System	—	—	—	
Exhaust System	/	—	—		Proper RPM	—	—	—	
Boom	/	—	—		Overload Protect	—	—	—	
Boom Hoist	/	—	—		Mech. Switch	—	—	—	
					Ground	—	—	—	
Sheaves	—	—	/		Continuity	—	—	—	
Hooks,	—	—	—		Limit Switches	—	—	—	
Grab Bars, Steps	/	—	—		Cords	—	—	—	
Warning Lights	/	—	—		Plugs/Receptacles	—	—	—	

\* Observed equipment and confirmed status with operator



**BrightFields, Inc.**  
Environmental Services

Project Name: Great Kills 2933.01.52	Project Location: Great Kills NY
Inspected by: DJH/JWV	Date of Inspection: 3/2/14
Equipment Name: Chipper	Number: —

312 Excavator \*

## CONSTRUCTION EQUIPMENT INSPECTION

	OK	BAD	N/A	Remarks		OK	BAD	N/A	Remarks
Tracks, tires, wheels	/	—	—		Motor (wiring)	/	—	—	
Brakes	/	—	—		Radiator	/	—	—	
Horn	/	—	—		Belts	/	—	—	
Lights	/	—	—		Hoses	/	—	—	
Clutch	/	—	—						
Windshield Wiper	/	—	—						
Glass	/	—	—						
					Shop				
Rear View Mirror	/	—	—		Equipment			N/A	
Body	/	—	—		Lubrication Points	—	—	—	
Cover	/	—	—		Loose Bearings	—	—	—	
Frame	/	—	—		Guards	—	—	—	
Dump Mechanism	/	—	—		Belt Tension	—	—	—	
Steering	/	—	—		Loose Gears	—	—	—	
Fire Extinguisher	/	—	—		Brakes	—	—	—	
Signal System	/	—	—		Vibration	—	—	—	
Fuel & Gas Lines	/	—	—		Pneu. Interlocks	—	—	—	
Fuel Tank	/	—	—		Exhaust System	—	—	—	
Exhaust System	/	—	—		Proper RPM	—	—	—	
Boom	/	—	—		Overload Protect	—	—	—	
Boom Hoist	/	—	—		Mech. Switch	—	—	—	
					Ground	—	—	—	
Sheaves	—	—	/		Continuity	—	—	—	
Hooks,	—	—	/		Limit Switches	—	—	—	
Grab Bars, Steps	/	—	—		Cords	—	—	—	
Warning Lights	/	—	—		Plugs/Receptacles	—	—	—	

\* Observed equipment and confirmed status with operator