Photo 5 –

View of the contractor cleaning a disposal truck with water prior to exiting the site.



Photo 6 -

View of the excavation area at the end of the day.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	TO 32	32-50	50-70	Х	70-85		>85	
WIND	SW 0-5 n	nph						

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/09/2015
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Monica Norton – Geologist	Mike Torino – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent, Safety Officer Derek Lenin – Backhoe Operator/ Laborer Paddy Lavelle – Backhoe Operator/ Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer
Edwin – Security	Erlandsen-Crowell & Shaw, LLP
	Andrew – Surveyor

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT 321C LCR Backhoe	HD180B Drill
900H Sullair Generator	CAT314C CR Backhoe
Clean Force 1800 PSI Power Washer	M9-1 Pile Drill
LANDA 3500 PSI Power Washer	Concrete EuroDrill
	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the northern portion of the Site between approximately two (2) and ten (10) feet below grade surface (bgs).
- -The contractor continued to install foundation piles along the 138th Street boundary.
- -The contractor directly loaded three (3) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Three (3) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, B2, B3, D1, E1

Samples Collected:

-Brinkerhoff collected three (3) Endpoint Samples (EP-14, EP-15, and EP-16) in the central portion of the Site. The samples were submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch below for approximate Endpoint Sample locations.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, November 10, 2015):

- -Continue excavating in the northern portion of the Site.
- -Continue dewatering operations.
- -Remove 10 loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.
- -Continue applying ORC Advanced® Pellets in the western portion of the Site.
- -Continue drilling piles and injecting grout along the E. 138th Street boundary.

	Clean Earth o Carteret, Ne (Non-Ha	w Jersey [*]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	3	75								
Total	391	9775								
* = cubic va	rd totals are	approxin	nate sinc	e counte	rsigned r	nanifests	have ve	t to been	received	

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the northern portion of the Site, facing north.



Photo 2 –

View of the contractor applying the BioSolve ® Pinkwater vapor suppressant while excavating the petroleum-impacted soil in the northern portion of the site.



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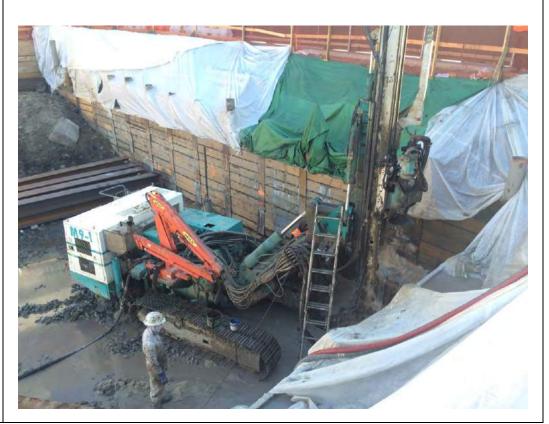
Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the contractor drilling piles along E. 138th Street.



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Photo 5 –

View of the contractor cleaning a disposal truck with water prior to exiting the site.



Photo 6 –

View of the Site, facing west.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Х	Overcast		Partly Cloudy	Bright Sun	
TEMP.	TO 32		32-50		50-70	Х	70-85	>85	
WIND	ENE 10-1	15 r	nph						

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/10/2015
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent, Safety Officer Derek Lenin – Backhoe Operator/ Laborer Paddy Lavelle – Backhoe Operator/ Laborer Edwin – Security	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT 321C LCR Backhoe	HD180B Drill
900H Sullair Generator	CAT314C CR Backhoe
Clean Force 1800 PSI Power Washer	M9-1 Pile Drill
LANDA 3500 PSI Power Washer	Concrete EuroDrill
T300 Bobcat	
	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the northern portion of the Site between approximately two (2) and twelve (12) feet below grade surface (bgs).
- -The contractor continued to install foundation piles along the 138th Street boundary and in the central portion of the Site.
- -The contractor directly loaded eleven (11) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-The T300 Bobcat was delivered to the Site.

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Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Eleven (11) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, B2, B3, D1, D2, E1, & E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed due to inclement weather (i.e. rain); however, no visible dust was observed throughout the day.

Problems Encountered:

-None.

<u>Description of Upcoming Work Activities (Wednesday, November 11, 2015):</u>

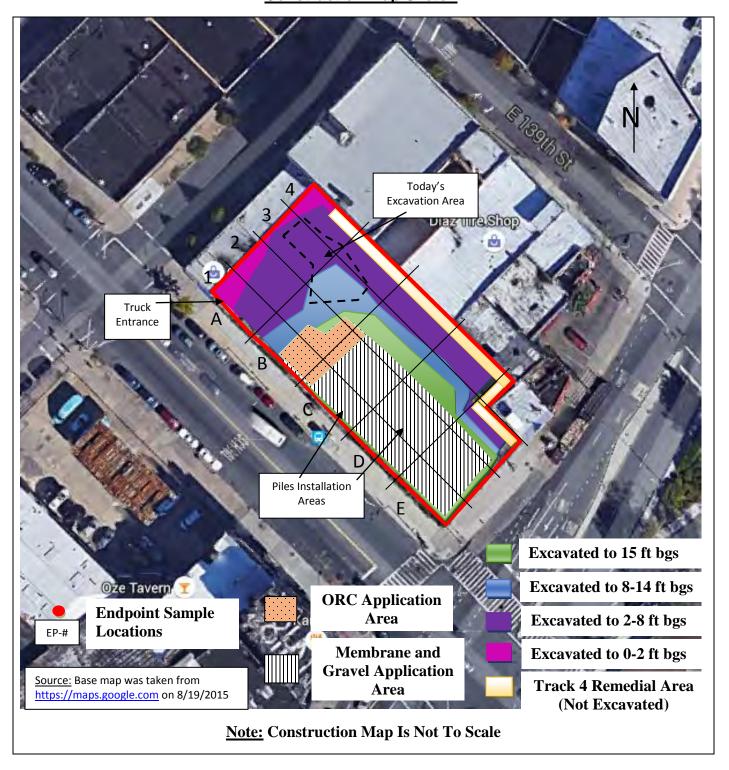
- -Continue excavating in the northern portion of the Site.
- -Continue dewatering operations.
- -Remove eight (8) loads of soil to Clean Earth of Carteret Facility in Carteret, NJ.
- -Continue applying ORC Advanced® Pellets in the western portion of the Site.
- -Continue drilling piles and injecting grout along the E. 138th Street boundary.

	Clean Earth of Carteret, No. (Non-Ha	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	11	275								
Total	402	10,050								
* = cubic va	rd totals are	annroxim	ate sinc	e counte	rsianed r	nanifests	have ve	t to been	received	

` = cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 6 File Name: <u>Daily Field Report 11/10/2015</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the northern portion of the Site, facing west.



Photo 2 –

View of the contractor applying the BioSolve ® Pinkwater vapor suppressant to the petroleum-impacted soils in the northern portion of the site.



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Photo 3 -

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the contractor drilling piles in the central portion of the Site, facing north.



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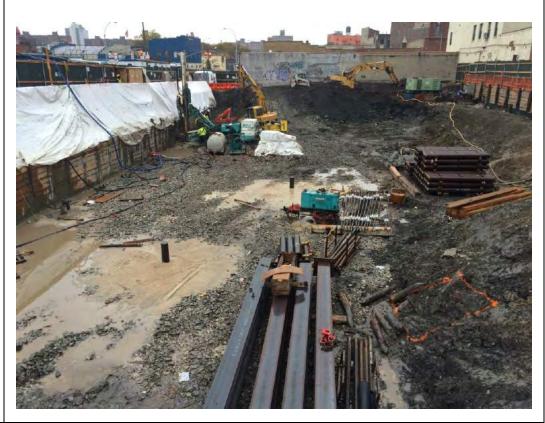
Photo 5 –

View of the contractor cleaning a disposal truck with water prior to exiting the site.



Photo 6 -

View of the Site, facing west.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	TO 32		32-50	50-70	X	70-85	>85	
WIND	NNW 10-	-15 r	mph					

Project No:	NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/11/2015
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent, Safety Officer Derek Lenin – Backhoe Operator/ Laborer Paddy Lavelle – Backhoe Operator/ Laborer Edwin – Security	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT 321C LCR Backhoe	HD180B Drill
900H Sullair Generator	CAT314C CR Backhoe
Clean Force 1800 PSI Power Washer	M9-1 Pile Drill
LANDA 3500 PSI Power Washer	Concrete EuroDrill
T300 Bobcat	
	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the northern portion of the Site between approximately two (2) and twelve (12) feet below grade surface (bgs).
- -The contractor continued to install foundation piles along the E. 138th Street boundary and in the central portion of the Site.
- -The contractor directly loaded eight (8) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was delivered to the Site.

Page 1 of 6 File Name: <u>Daily Field Report 11/11/2015</u>

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Eight (8) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, B2, B3, D1, D2, E1, & E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, November 12, 2015):

- -Continue excavating in the northern portion of the Site.
- -Continue dewatering operations.
- -Continue applying ORC Advanced® Pellets in the western portion of the Site.
- -Continue drilling piles and injecting grout along the E. 138th Street boundary.

	Clean Earth Carteret, Ne (Non-Ha	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	8	200								
Total	410	10,250								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 6 File Name: Daily Field Report 11/11/2015

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the northern portion of the Site, facing east.



Photo 2 -

View of the contractor applying the BioSolve ® Pinkwater vapor suppressant while excavating the petroleum-impacted soils in the northern portion of the site.



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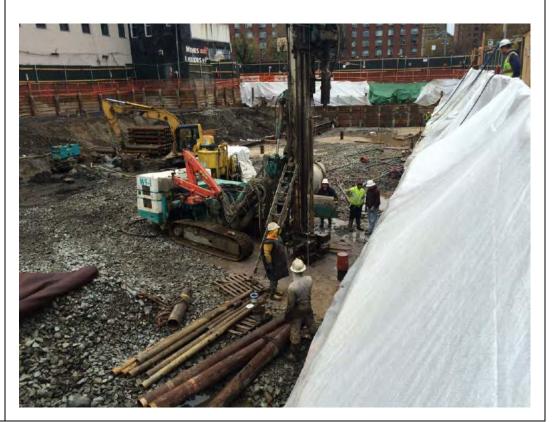
Photo 3 -

View of the contractor directly loading material for off-site disposal, facing west.



Photo 4 –

View of the contractor drilling piles in the central portion of the Site, facing east.



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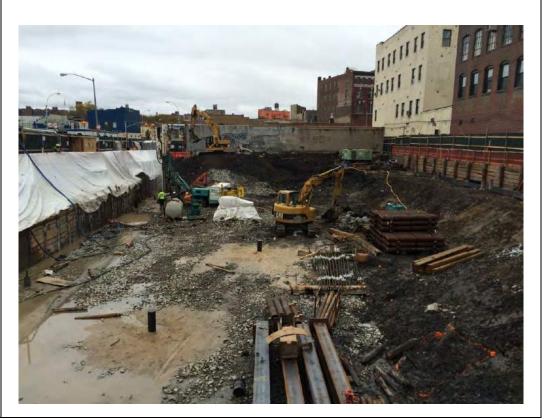
Photo 5 –

View of the contractor cleaning a disposal truck with water prior to exiting the site.



Photo 6 –

View of the Site, facing west.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain		Overcast	Х	Partly Cloudy		Bright Sun	
TEMP.	TO 32	32-50		50-70	Х	70-85		>85	
WIND	NW 10-15 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	11/12/2015
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent, Safety Officer Derek Lenin – Backhoe Operator/ Laborer Paddy Lavelle – Backhoe Operator/ Laborer Edwin – Security	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT 321C LCR Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer	Concrete EuroDrill
LANDA 3500 PSI Power Washer	
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the central portion of the Site to approximately thirteen (13) feet below grade surface (bgs).
- -The contractor continued to install foundation piles along the eastern boundary of the Site.
- -The contractor continued applying the Oxygen Release Compound (ORC) Advanced® Pellets to the western portion of the Site. Reference the Construction Map Sketch below for the approximate ORC application extent.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:

-One (1) additional 55-pound bucket of ORC Advanced® Pellets was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, B2, B3, D1, D2, E1, & E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC exceedances. From 14:03 to 14:10, there were PM-10 exceedances in the downwind location. The 15-minute PM-10 background concentration was 0.020 mg/m³ and the max 15-minute average concentration during 14:03 to 14:10 was 0.277 mg/m³; however, no fugitive dust was observed during this time period. The contractor stopped work for the day at 14:10.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, November 13, 2015):

- -Continue excavating in the northern portion of the Site.
- -Continue dewatering operations.
- -Continue applying ORC Advanced® Pellets in the western portion of the Site.
- -Continue drilling piles and injecting grout along the E. 138th Street boundary.

	Clean Earth of Carteret, No. (Non-Ha	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
· oddy	_									
Total	410	10,250								
* = cubic vard totals are approximate since countersigned manifests have yet to been received										

` = cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the central portion of the Site, facing northeast.



Photo 2 -

View of the contractor applying the BioSolve ® Pinkwater vapor suppressant while excavating the petroleum-impacted soils in the northern portion of the site.



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Photo 3 -

View of the contractor drilling piles along the eastern boundary of the Site, facing northeast.



Photo 4 -

View of the contractor manually applying the ORC Advanced®
Pellets at the base of excavation in the central portion of the Site.



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Photo 5 –

View of the Site, facing north.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	Х
TEMP.	TO 32		32-50		50-70	Х	70-85		>85	
WIND	NW 15-2	NW 15-20 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/13/2015
I I I O O C C L I NO.					

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent, Safety Officer Derek Lenin – Backhoe Operator/ Laborer Paddy Lavelle – Backhoe Operator/ Laborer Edwin – Security	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT 321C LCR Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer	Concrete EuroDrill
LANDA 3500 PSI Power Washer	
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles along the eastern and E. 138th Street boundary of the Site.
- -The contractor continued applying the Oxygen Release Compound (ORC) Advanced® Pellets to the western portion of the Site. Reference the Construction Map Sketch below for the approximate ORC application extent.
- -The contractor applied the geosynthetic membrane on top of the ORC application area and applied three (3) to five (5)-inch stone on top of the membrane.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was delivered to the Site.

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Material Delivered to Site:

- -Approximately 125 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.
- -A truck load of grout was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B3, C3 & E1.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, November 16, 2015):

- -Install heel blocks along the eastern boundary of the Site.
- -Continue dewatering operations.
- -Continue drilling piles and injecting grout along the eastern and E. 138th Street boundaries.
- -Continue excavation along the northern boundary of the Site.

	Clean Earth of Carteret, Non-Ha	ew Jersey [°]								
Todav	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	_	_								
Total	410	10,250								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 11/13/2015</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles along the eastern boundary of the Site, facing east.



Photo 2 -

View of the contractor applying three (3) to five (5)-inch stone on top of the geosynthetic membrane, facing northeast.



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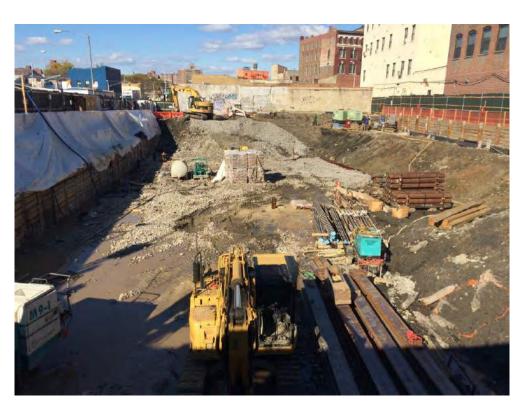
Photo 3 –

View of the Site, facing east.



Photo 4 –

View of the Site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	Х
TEMP.	TO 32		32-50	Х	50-70		70-85		>85	
WIND	NNE 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	11/17/2015
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:								
Environmental Consultant:	Inspector(s):							
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Mike Torini – Inspector							
Contractor:	Subcontractor(s):							
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent, Safety Officer Derek Lenin – Backhoe Operator/ Laborer Paddy Lavelle – Backhoe Operator/ Laborer Edwin – Security	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer							

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT 321C LCR Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer	Concrete EuroDrill
LANDA 3500 PSI Power Washer	
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles along the eastern and E. 138th Street boundaries of the Site.
- -The contractor continued to excavate in the northern portion of the Site between approximately four (4) and thirteen (13) feet below grade surface (bgs).
- -The contractor continued to apply the Oxygen Release Compound (ORC) Advanced® Pellets within the western portion of the Site. Reference the Construction Map Sketch below for the approximate ORC application extent.
- -The contractor applied the geosynthetic membrane on top of the ORC application area and applied three (3) to five (5)-inch stone on top of the membrane.
- -The contractor directly loaded two (2) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

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Equipment Removed From Site:

-No equipment was delivered to the Site.

Material Delivered to Site:

-Approximately 75 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-Two (2) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: B3, C1 & D1.

Samples Collected:

-Brinkerhoff collected one (1) Endpoint Sample (EP- 17) in the western portion of the Site. The sample was submitted to the laboratory for full Target Compound List (TCL)/ Target Analyte List (TAL) analyses. Reference the Construction Map Sketch below for approximate Endpoint Sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, November 18, 2015):

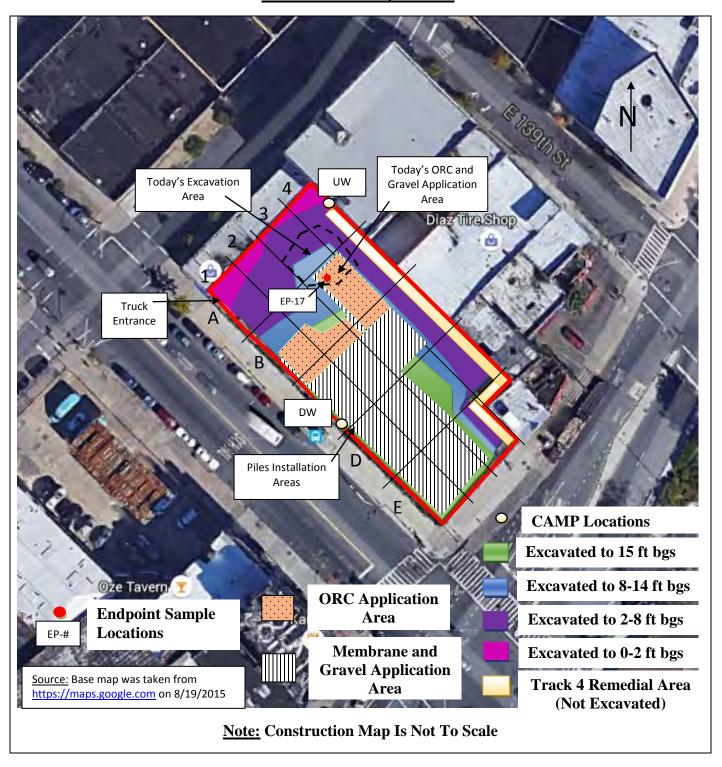
- -Install heel blocks along the eastern boundary of the Site.
- -Continue dewatering operations.
- -Continue drilling piles and injecting grout along the eastern and E. 138th Street boundaries.

	Clean Earth Carteret, Non-Ha	ew Jersey								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
loday	2	50								
Total	412	10,300								
4 1 '	1441					.,				

* = cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles along the E. 138th Street boundary of the Site, facing northwest.



Photo 2 –

View of the contractor manually applying the ORC Advanced®
Pellets at the base of excavation in the western portion of the Site.



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Photo 3 –

View of the contractor excavating in the northern portion of the Site, facing west.



Photo 4 -

View of the contractor directly loading material for off-site disposal, facing north.



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Photo 5 –

View of the Site, facing northwest.



Photo 6-

View of a clean truck bed and secure truck cover.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	TO 32	32-50	50-70	Х	70-85	>85	
WIND	SSE 5-10) mph					

Project No:	NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/14/2015
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Monica Norton – Geologist	Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent,	Geno – Backhoe Operator/ Laborer
Safety Officer	Environmental Bulkheading Corp.
Edwin – Security	Steven Kahn – Driller
Fritz - Laborer	Rayon Walker – Laborer
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer
-	Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer	Concrete EuroDrill
LANDA 3500 PSI Power Washer	
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles along the E. 138th Street boundary of the Site.
- -The contractor excavated along the northern boundary of the Site between approximately six (6) and eight (8) feet below grade surface (bgs).
- -The contractor excavated in the southern corner of the site in preparation for installing a pile cap.

Equipment Delivered to Site:

-The CAT 315B L was delivered to the Site.

Equipment Removed From Site:

-The CAT 321C LCR Backhoe was removed from the Site.

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Material Delivered to Site:
-No material was delivered to the Site.
Material Removed From Site:
-No material was removed from the Site.
Working In Grid #s: C1 D1 and F1

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

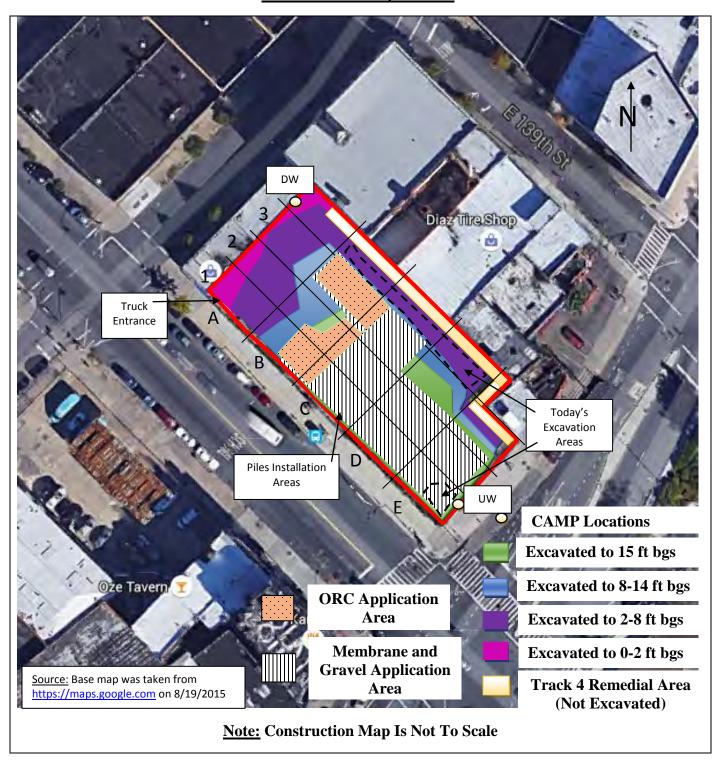
Description of Upcoming Work Activities (Tuesday, December 15, 2015):

- -Continue excavating in the southern portion of the site for installing pile caps.
- -Continue dewatering operations.
- -Continue drilling piles and injecting grout along the E. 138th Street boundary.

	Clean Earth of Carteret, No. (Non-Ha	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
· oddy	_									
Total	412	10,300								
* = cubic ya	rd totals are	approxim	ate sinc	e counte	rsigned r	nanifests	have ye	t to been	received	

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles along the E. 138th Street boundary of the Site, facing southeast.



Photo 2 -

View of the contractor excavating along the northern boundary of the Site, facing north.



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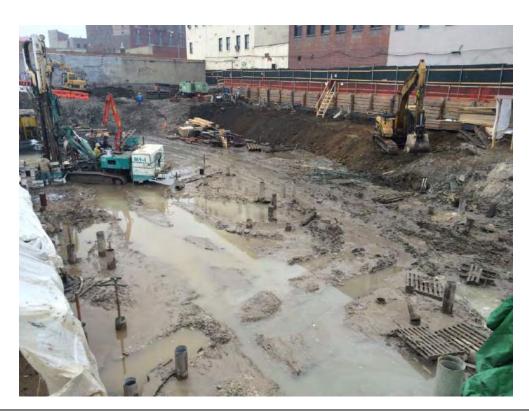
Photo 3 -

View of the contractor excavating in the southern corner of the Site in preparation for installing a pile cap, facing southwest.



Photo 4 –

View of the entire Site, facing north.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast		Partly Cloudy	Bright Sun	Х
TEMP.	TO 32	32-50	50-70	Х	70-85	>85	
WIND	NNW 15-	20 mph					

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	12/15/2015

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent,	Geno – Backhoe Operator/ Laborer
Safety Officer	Environmental Bulkheading Corp.
Edwin – Security	Steven Kahn – Driller
Fritz - Laborer	Rayon Walker – Laborer
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer
	Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer	Concrete EuroDrill
LANDA 3500 PSI Power Washer	
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor installed foundation piles in the central portion of the Site.
- -The contractor continued to excavate in the southern corner of the site in preparation for installing a pile cap.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Page 1 of 5 File Name: Daily Field Report 12/15/2015

Material Delivered to Site:

Approximately 25 cubic yards of three (3) to five (5)-inch stone and 25 cubic yards of three-quarter (3/4)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey. Brinkerhoff inspected both loads of imported stone and no fines were observed.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: D1, D2, D3, E1, and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

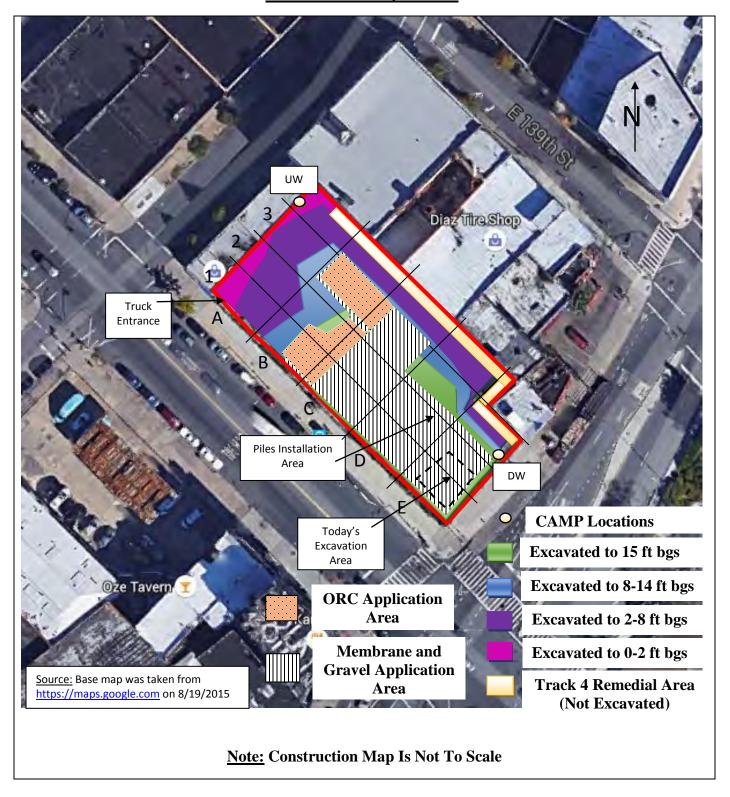
<u>Description of Upcoming Work Activities (Wednesday, December 16, 2015):</u>

- -Continue the pile cap installation in the southern portion of the Site.
- -Continue dewatering operations.
- -Continue drilling piles and injecting grout throughout the Site.

	Clean Earth o Carteret, Ne (Non-Ha	ew Jersey								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	_	_								
Total	412	10,300								
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received									

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing northwest.



Photo 2 –

View of the contractor excavating in the southern corner of the Site in preparation for installing a pile cap, facing west.



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Photo 3 -

Additional view of the excavation area in the southern corner of the Site.



Photo 4 –

View of the entire Site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	TO 32		32-50	50-70	X	70-85	>85	
WIND	NW 5-10	mp	h					

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/18/2015

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:					
Environmental Consultant:	Inspector(s):				
Brinkerhoff Environmental Services, Inc.	GES-PC				
Monica Norton – Geologist	Youssouff Boubaa – Inspector				
Contractor:	Subcontractor(s):				
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent,	Geno – Backhoe Operator/ Laborer				
Safety Officer	Environmental Bulkheading Corp.				
Edwin – Security	Steven Kahn – Driller				
Fritz - Laborer	Rayon Walker – Laborer				
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer				
·	Damian Banckwood – Laborer				

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer	Concrete EuroDrill
LANDA 3500 PSI Power Washer	
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles in the central portion of the Site.
- -The contractor continued to excavate in the southern portion of the site in preparation for installing a third, fourth and fifth pile cap.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

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Material Removed From Site: -No material was removed from the Site.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

Working In Grid #s: D1, D2, D3, E1, and E2.

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, December 21, 2015):

- -Continue the pile cap installation in the southern portion of the Site.
- -Continue dewatering operations.
- -Continue drilling piles and injecting grout throughout the Site.

	Clean Earth Carteret, No. (Non-Ha	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	_	_								
Total	412	10,300								
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received									

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing northeast.

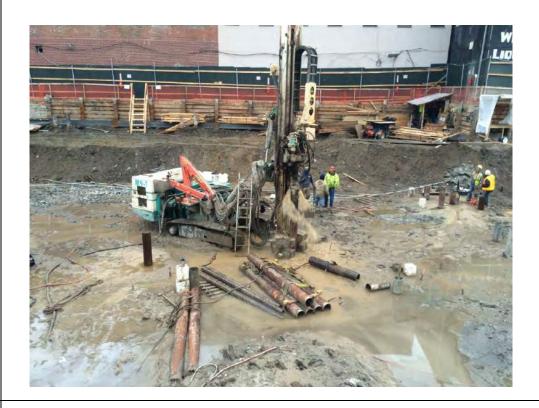


Photo 2 -

View of the contractor excavating in the southern portion of the Site in preparation for installing a pile cap.



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Photo 3 -

Additional view of the excavation area in the southern corner of the Site, facing southwest.



Photo 4 –

View of the entire Site, facing north.



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Field Representative(s): Sean Harrison

Client: East 138th Street LLC

WEATHER	Snow		Rain	Х	Overcast		Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	X	70-85		>85	
WIND	NW 5-10	NW 5-10 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/22/2015
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:					
Environmental Consultant:	Inspector(s):				
Brinkerhoff Environmental Services, Inc.	GES-PC				
Sean Harrison – Geologist	Youssouff Boubaa – Inspector				
Contractor:	Subcontractor(s):				
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent,	Geno – Backhoe Operator/ Laborer				
Safety Officer	Environmental Bulkheading Corp.				
Edwin – Security	Steven Kahn – Driller				
Fritz - Laborer	Rayon Walker – Laborer				
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer				
·	Damian Banckwood – Laborer				

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer	Concrete EuroDrill
LANDA 3500 PSI Power Washer	
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles in the central portion of the Site.
- -The contractor continued to install formwork and rebar for installation of one (1) pile cap along the eastern boundary of the site.
- -No soil excavation activities occurred today.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: D1, D2, D3, E1, and E2.

Samples Collected:

-Three (3) samples, identified as CR-1 through CR-3, were collected within the proposed Track 1 Area in the southeast portions of the site. The samples were submitted to the laboratory for Hexavalent and Trivalent Chromium Analysis.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed since no soil excavation activities occurred.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, December 23, 2015):

- -Continue installing rebar and formwork for pile cap installation in the southern portion of the Site.
- -Continue excavating for the installation of pile caps.
- -Continue dewatering operations.
- -Continue drilling piles and injecting grout throughout the Site.

	Clean Earth of Carteret, No. (Non-Ha	ew Jersey [°]									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds	
loday	_	_									
Total	412	10,300									
* - cubic va	* - cubic yard totals are approximate since countersigned manifests have yet to been received										

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the entire site, facing east.



Photo 2 –

View of the contractor installing formwork for a pile cap along the eastern boundary of the site, facing northeast.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	TO 32		32-50	50-70	X	70-85	>85	
WIND	E 5-10 m	ph						

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/23/2015

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:					
Environmental Consultant:	Inspector(s):				
Brinkerhoff Environmental Services, Inc.	GES-PC				
Monica Norton – Geologist	Youssouff Boubaa – Inspector				
Contractor:	Subcontractor(s):				
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Geno – Backhoe Operator/ Laborer				
Safety Officer	Environmental Bulkheading Corp.				
Edwin – Security	Steven Kahn – Driller				
Fritz - Laborer	Rayon Walker – Laborer				
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer				
	Damian Banckwood – Laborer				

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer	Concrete EuroDrill
LANDA 3500 PSI Power Washer	
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles and grout injections along the E. 138th Street boundary of the Site.
- -The contractor continued to excavate in the southern portion of the site in preparation for installing a pile cap.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:

-Approximately 100 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, D1, D2, D3, E1, and E2.

Samples Collected:

-Brinkerhoff collected one (1) Endpoint Sample (EP-18) in the eastern corner of the Site. The sample was submitted to the laboratory for TCL VOCs, SVOCS, Pesticides, PCBs, TAL Metals, and Hex/Tri Chromium analyses. Reference the Construction Map Sketch below for the approximate Endpoint Sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, December 24, 2015):

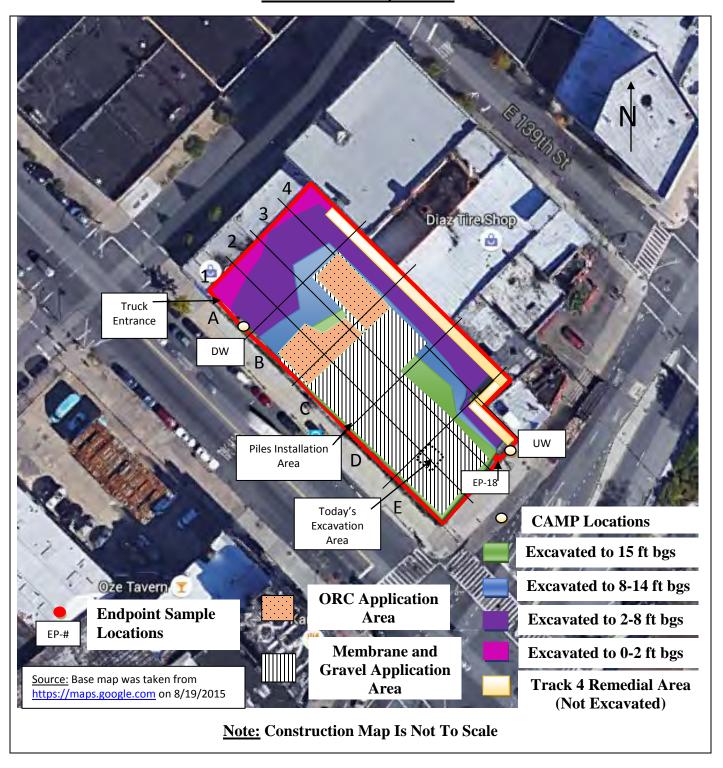
- -Continue the pile cap installation in the southern portion of the Site.
- -Continue dewatering operations.
- -Continue drilling piles and injecting grout throughout the Site.

	Clean Earth (Carteret, Ne (Non-Ha	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
· caay		_								
Total	412	10,300								
* - cubic var	rd totals are	annroxim	ate sinc	e counte	rsianed r	nanifests	have ve	t to heen	received	

* = cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles along the E. 138th Street boundary of the Site, facing north.

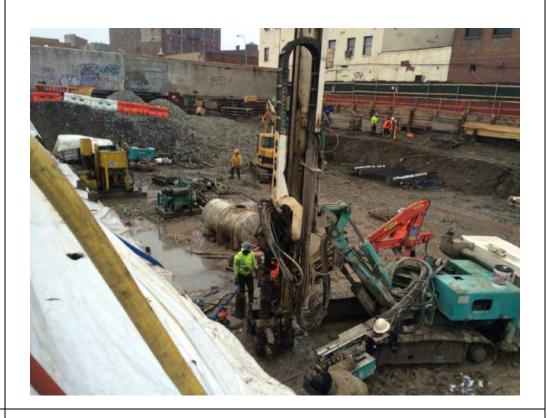


Photo 2 –

View of the contractor excavating in the southern portion of the Site in preparation for installing a pile cap, facing northeast.



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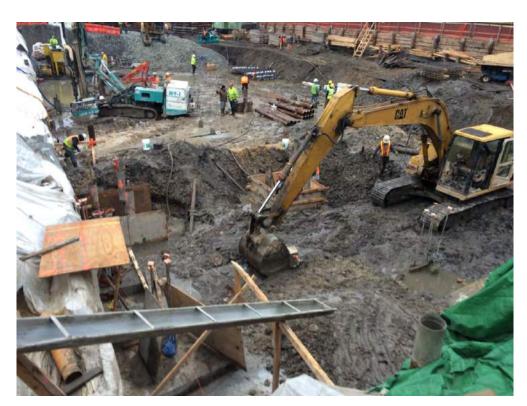
Photo 3 -

Additional view of the excavation area in the southern portion of the Site, facing east.



Photo 4 -

View of the entire Site, facing north.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	TO 32		32-50	X	50-70	70-85		>85	
WIND	NNE 15-2	20 r	mph						

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/28/2015
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Monica Norton – Geologist	Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Geno – Backhoe Operator/ Laborer
Safety Officer	Environmental Bulkheading Corp.
Edwin – Security	Steven Kahn – Driller
Fritz - Laborer	Rayon Walker – Laborer
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer
	Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer	Concrete EuroDrill
LANDA 3500 PSI Power Washer	
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles along the E. 138th Street boundary of the Site.
- -The contractor continued to excavate in the southern portion of the site in preparation for installing a pile cap.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

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Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, D1, and E3.

Samples Collected:

-Brinkerhoff collected one (1) Endpoint Sample (EP-19) in the eastern portion of the Site. The sample was submitted to the laboratory for TCL VOCs, SVOCS, Pesticides, PCBs, TAL Metals, and Hex/Tri Chromium analyses. Reference the Construction Map Sketch below for the approximate Endpoint Sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, December 29, 2015):

- -Continue excavation in the southern portion of the Site.
- -Continue the pile cap installation in the southern portion of the Site.
- -Continue dewatering operations.
- -Continue drilling piles and injecting grout throughout the Site.

	Clean Earth Carteret, No (Non-Ha	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	_									
Total	412	10,300								
* = cubic va	rd totals are	approxim	ate sinc	e counte	rsianed r	nanifests	have ve	t to been	received	

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles along the E. 138th Street boundary of the Site, facing west.



Photo 2 –

View of the contractor excavating in the southern portion of the Site in preparation for installing a pile cap, facing southwest.



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Photo 3 -

Additional view of the excavation area in the southern portion of the Site, facing northeast.



Photo 4 -

View of the entire Site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	Х	Overcast	Partly Cloudy	Bright Sun	
TEMP.	TO 32	32-50	Х	50-70	70-85	>85	
WIND	NE 15-20	mph					

FTOJECT NO.	NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	12/29/2015
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Monica Norton – Geologist	Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Geno – Backhoe Operator/ Laborer
Safety Officer	Environmental Bulkheading Corp.
Edwin – Security	Steven Kahn – Driller
Fritz - Laborer	Rayon Walker – Laborer
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer
	Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Concrete EuroDrill
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles in the central portion of the Site.
- -The contractor continued to excavate within the northeast portion of the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

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Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, C2, D2, D3, E2, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed due to inclement weather (i.e. rain); however, no visible dust was observed throughout the day.

Problems Encountered:

-None.

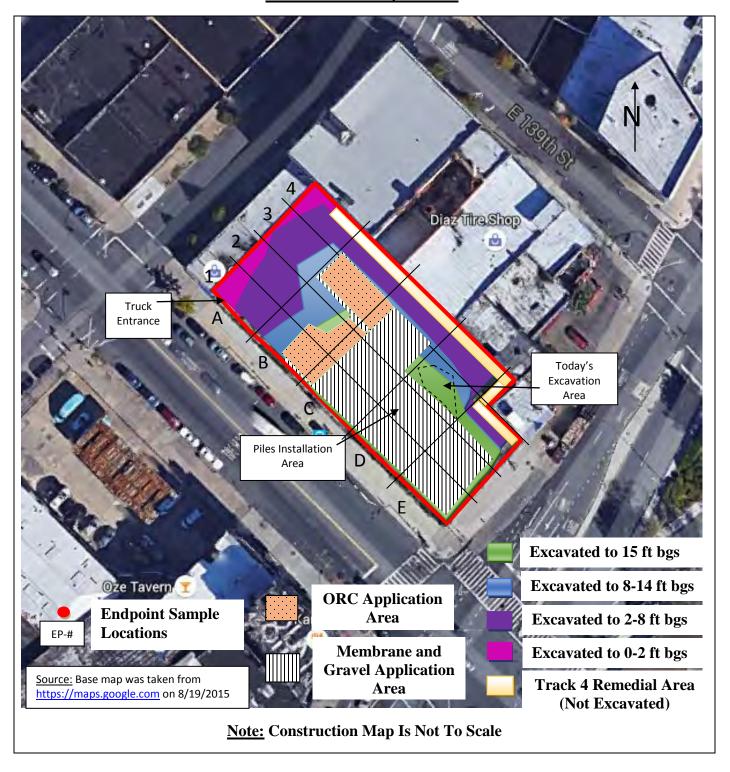
Description of Upcoming Work Activities (Wednesday, December 30, 2015):

- -Continue the pile cap installation in the southern portion of the Site.
- -Continue dewatering operations.
- -Continue drilling piles and injecting grout throughout the Site.

	Clean Earth of Carteret, No. (Non-Ha	ew Jersey								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today										
Total	412	10,300								
* = cubic ya	rd totals are	approxim	ate sinc	e counte	rsigned r	nanifests	have ye	t to been	received	

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

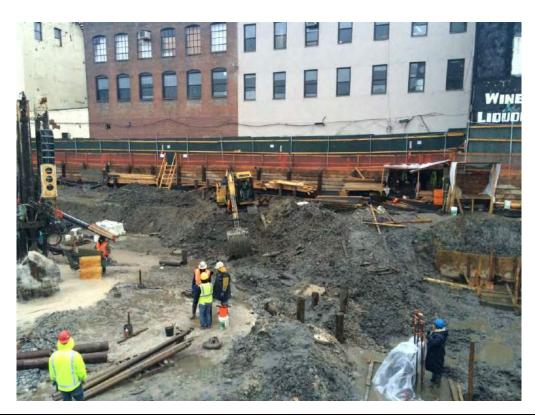
Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing north.



Photo 2 –

View of the contractor excavating along the northeastern boundary of the Site, facing northeast.



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Photo 3 -

Additional view of the excavation area along the northeastern boundary of the Site, facing south.



Photo 4 -

View of the entire Site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	TO 32		32-50	X	50-70	70-85		>85	
WIND	NIM 5 10	mn	h						

NYSDEC Project No:	C203057	OER E-Number:		227	Date:	12/31/2015	
Location:	255 F 138th Street Bro	nx New York	·lob·	Excavation of N	YSDEC	BCP # C203057	

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Monica Norton – Geologist	Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Edwin – Security	AARCO Environmental Services Corp. Nick Turro – Driller Joe – Driller
Fritz - Laborer Ronmel Cimpoberde – Laborer	Geno – Backhoe Operator/ Laborer
Noninei Oimpoberde – Laborei	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer	Concrete EuroDrill
LANDA 3500 PSI Power Washer	
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks
AARCO Environmental Services Corp.	
GeoProbe ® 7822DT Drill Rig	

Description of Work Performed:

- -AARCO Environmental Services Corp. drilled nine (9) soil borings in the western corner of the site.
- -Brinkerhoff Environmental Services, Inc. screened the soil boring logs for contamination via visual, olfactory, and Photoionization Detector (PID) methods of detection.
- -The contractor continued to install foundation piles in the central portion of the Site.
- -The contractor continued to excavate in the southern portion of the Site.

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Equipment Delivered to Site:

-AARCO brought a GeoProbe® 7822DT Drill Rig to drill the soil borings.

Equipment Removed From Site:

-AARCO removed the GeoProbe® 7822DT Drill Rig after the completion of the soil borings.

Material Delivered to Site:

- -A truck load of rebar was delivered to the Site.
- -A truck load of timber was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1, C1, C2, D2 and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

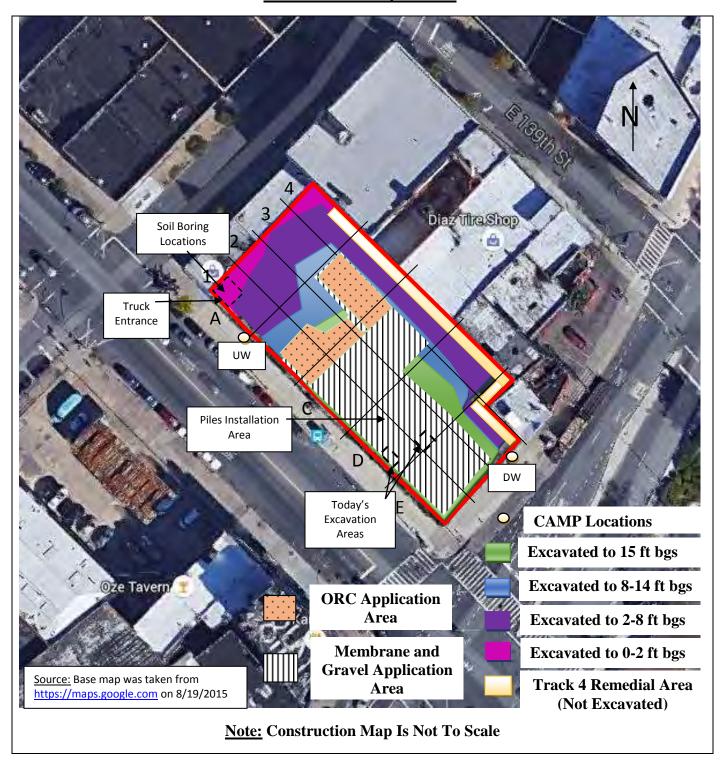
Description of Upcoming Work Activities (Monday, January 4, 2016):

- -Continue the pile cap installation in the southern portion of the Site.
- -Continue dewatering operations.
- -Continue drilling piles and injecting grout throughout the Site.

Soil Disposal Estimate										
	Clean Earth of Carteret, Carteret, New Jersey (Non-Haz Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roddy		_								
Total	412	10,300								
* = cubic yard totals are approximate since countersigned manifests have yet to be received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of AARCO drilling soil borings in the western corner of the Site, facing northeast.



Photo 2 –

View of the contractor excavating in the southern portion of the Site and drilling piles in the central portion of the Site, facing northeast.



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Photo 3 –

Additional view of the excavation area, facing east.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	Bright Sun	Х
TEMP.	0 TO 32	Х	32-50	50-70	70-85	>85	
WIND	N 10-15 m	ph					

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date: 01/05/2016
l				

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Jonathan Kraus – Environmental Scientist	Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Geno – Backhoe Operator/ Laborer
Safety Officer	Environmental Bulkheading Corp.
Edwin – Security	Steven Kahn – Driller
Fritz - Laborer	Rayon Walker – Laborer
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer
	Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer	Concrete EuroDrill
LANDA 3500 PSI Power Washer	
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles in the central portion of the Site.
- -The contractor continued to excavate in the northeastern portion of the site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-Approximately 25 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

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Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, C2, D1, and D3.

Samples Collected:

-No samples were collected today

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, January 6th, 2016):

- -Transport approximately 8 loads of non-hazardous soil off-site to Clean Earth of Carteret in Carteret, New Jersey.
- -Continue excavation in the northeast portion of the Site.
- -Continue installation of foundation piles in the central portion of the Site.
- -Continue dewatering operations.

	Clean Earth of Carteret, No. (Non-Ha	ew Jersey									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds	
roddy											
Total	412	10,300									
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing southwest.

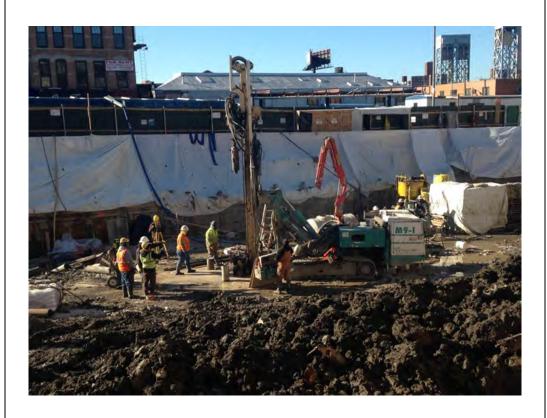
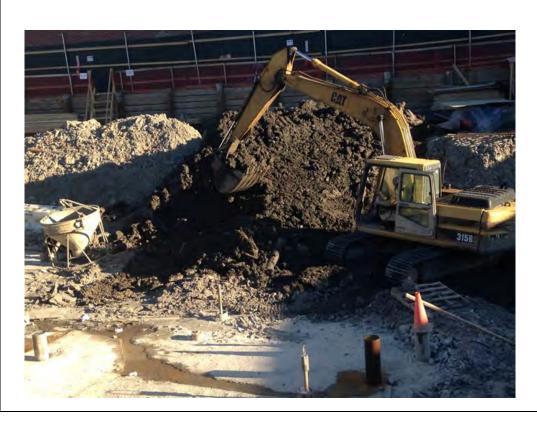


Photo 2 –

View of the contractor excavating in the northeast portion of the Site, facing northwest.



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Photo 3 -

Additional view of the excavation area in the northeast portion of the Site, facing west.

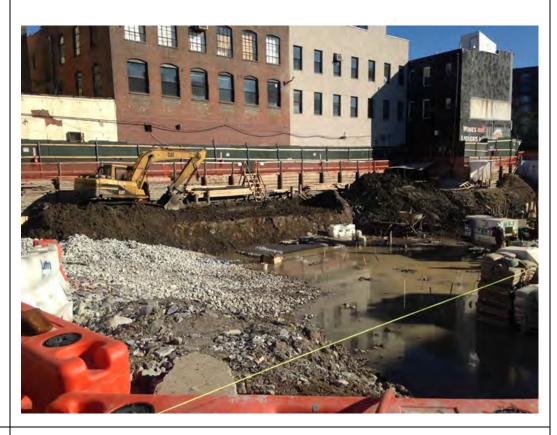
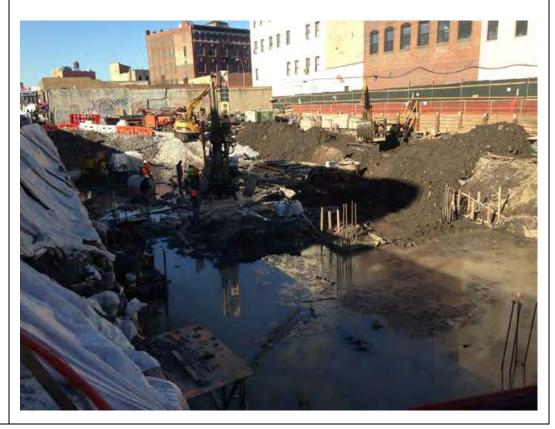


Photo 4 –

View of the entire Site, facing north.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	Х	32-50	50-70	70-85		>85	
WIND	N 0-5 mph							

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	01/06/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	GES-PC Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Geno – Backhoe Operator/ Laborer
Safety Officer	Environmental Bulkheading Corp.
Edwin – Security	Steven Kahn – Driller
Fritz - Laborer	Rayon Walker – Laborer
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer
·	Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Concrete EuroDrill
T300 Bobcat	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles in the central portion of the Site.
- -The contractor continued to excavate in the northern portion of the site.
- -The contractor directly loaded eight (8) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:

-A truck load of piles was delivered to the Site

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: C1, C2, C4, D4, and B4.

Samples Collected:

-No samples were collected today

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Rest of week):

- -Continue pile cap installation in the southern portion of the Site.
- -Continue installation of foundation piles in the central portion of the Site.
- -Continue dewatering operations.

	Clean Earth of Carteret, No. (Non-Ha	ew Jersey [°]									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds	
Today	8	200									
Total	420	10,500									
* - cubic vai	* - cubic yard totals are approximate since countersigned manifests have yet to been received										

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing southwest.

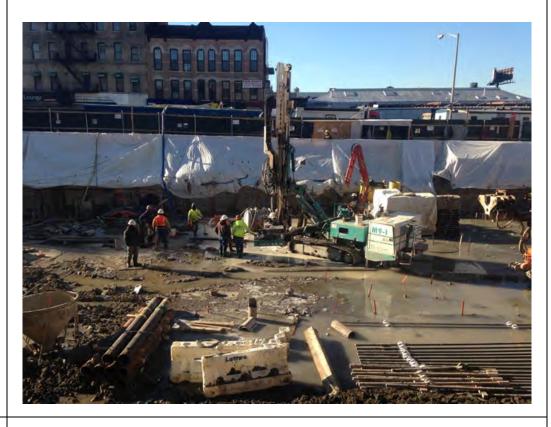


Photo 2 –

View of the contractor directly loading material for off-site disposal, facing northeast.



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Photo 3 -

View of clean truck with cover extended over bed, facing northwest.



Photo 4 -

View of clean Site entrance, facing east.



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Photo 5 –

View of the entire Site, facing northwest.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Partly Cloudy	Bright Sun	Х
TEMP.	0 TO 32		32-50	Х	50-70	70-85	>85	
WIND	E 10-15 mp	oh						

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	01/11/2016	
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of NYSDEC BCP # C203057			

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Jonathan Kraus – Environmental Scientist	Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Geno – Backhoe Operator/ Laborer
Safety Officer	Environmental Bulkheading Corp.
Edwin – Security	Steven Kahn – Driller
Fritz - Laborer	Rayon Walker – Laborer
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer
	Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
CAT CAT 315 L Backhoe	M9-1 Pile Drill
900H Sullair Generator	Concrete EuroDrill
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles in the central and western portions of the Site.
- -The contractor continued to excavate in the northern and central portions of the site.
- -The contractor excavated for the installation of three (3) pile caps in the central portion of the Site.
- -The contractor directly loaded eight (8) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-A CAT CAT315 L Backhoe was delivered to the Site.

Equipment Removed From Site:

-A T300 Bobcat was removed from the Site.

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Material Delivered to Site:

- Approximately 50 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-Eight (8) truck loads of non-hazardous soil were removed from the Site and disposed off-site at Clean Earth of Carteret. New Jersev.

Working In Grid #s: A4, B1, B4, C1, C2, C4, D1, D2, D3 and D4.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tuesday, January 12, 2016):

- -Continue pile cap installation (rebar and concrete) in the southern portion of the Site.
- -Continue pile cap excavation in the southern and central portions of the Site
- -Continue installation of foundation piles in the central and western portions of the Site.
- -Continue dewatering operations.
- -Remove four (4) loads of non-hazardous soil to Clean Earth of Carteret in Carteret, New Jersey.

	Clean Earth (Carteret, Ne (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roddy	8	200								
Total	428	10,700								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles in the central portion of the Site, facing northwest.



Photo 2 –

View of the contractor excavating for the installation of a pile cap in the central portion of the Site, facing west.



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Photo 3 –

View of the contractor loading excavated material for off-site disposal, facing west.



Photo 4 –

View of the clean Site entrance, facing east.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain		Overcast		Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-50	Х	50-70		70-85		>85	
WIND	SE 0-10 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	01/12/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Jonathan Kraus – Environmental Scientist	Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Geno – Backhoe Operator/ Laborer
Safety Officer	Environmental Bulkheading Corp.
Edwin – Security	Steven Kahn – Driller
Fritz - Laborer	Rayon Walker – Laborer
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer
	Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
CAT CAT 315 L Backhoe	M9-1 Pile Drill
900H Sullair Generator	Concrete EuroDrill
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles in the central and western portions of the Site.
- -The contractor continued to excavate in the northern portion of the site.
- -The contractor continued pile cap installation in the southern and central portions of the Site.
- -The contractor directly loaded four (4) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:

- Approximately 25 cubic yards of three-quarter (3/4)-inch recycled concrete aggregate (RCA) was imported to the Site from Tilcon New York Inc. in Kearny, NJ.

Material Removed From Site:

-Four (4) truck loads of non-hazardous soil were removed from the Site and disposed off-site to Clean Earth of Carteret, New Jersey.

Working In Grid #s: A3, A4, B1, B4, C1, C2, D1 and D2

Samples Collected:

-No samples were collected today

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

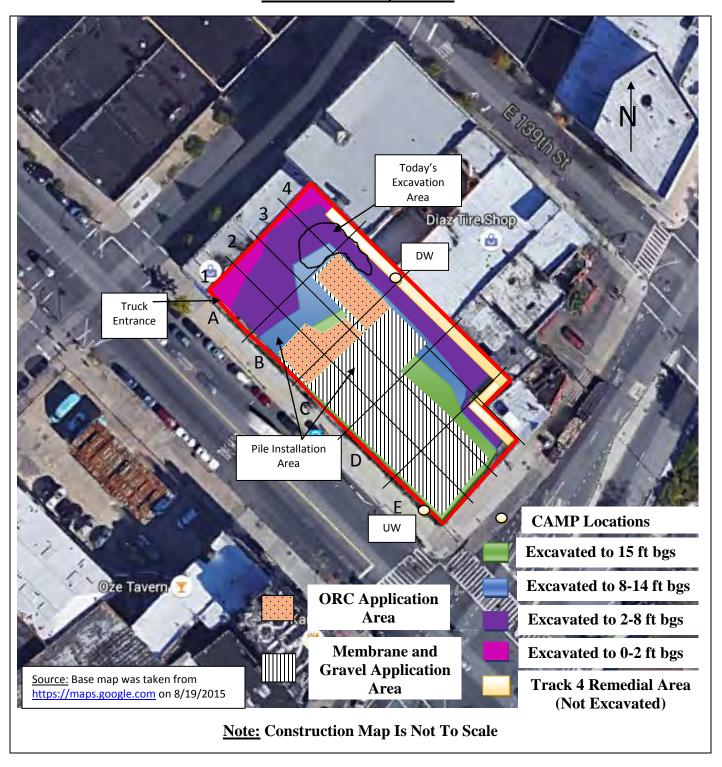
Description of Upcoming Work Activities (Rest of week):

- -Continue pile cap installation (rebar and concrete) in the southern and central portions of the Site.
- -Continue installation of foundation piles in the central and western portions of the Site.
- -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roday	4	100								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles in the central and western portions of the Site, facing southwest.

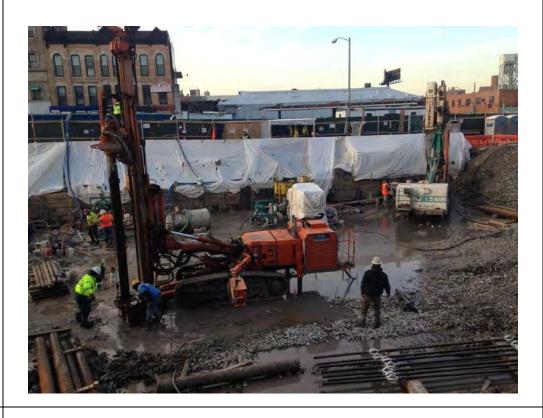


Photo 2 –

View of the contractor directly loading material for off-site disposal, facing northeast.



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Photo 3 –

View of contractor excavating along the northern boundary of the site, facing north.



Photo 4 -

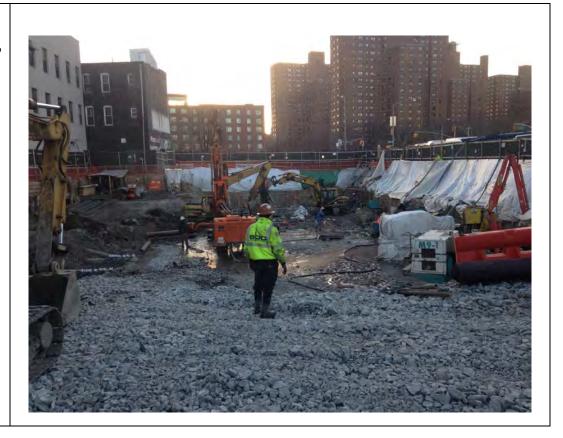
View of the clean Site entrance, facing east.



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Photo 5 –

View of the entire Site, facing southeast.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	0 TO 32	Х	32-50		50-70		70-85	>85	
WIND	NE 10 15 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	02/10/2016
Location:	255 E. 138 th Street, Bro	138 th Street, Bronx, New York			YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Monica Norton – Geologist	Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Geno – Backhoe Operator/ Laborer
Safety Officer	Environmental Bulkheading Corp.
Edwin – Security	Steven Kahn – Driller
Fritz - Laborer	Rayon Walker – Laborer
Ronmel Cimpoberde – Laborer	Phillip Stevens – Laborer
	Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315B L Backhoe	CAT314C CR Backhoe
CAT CAT 315 L Backhoe	M9-1 Pile Drill
900H Sullair Generator	Concrete EuroDrill
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor continued to install foundation piles in the central and western portions of the Site.
- -The contractor continued to install lagging along the northeast boundary of the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site..

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Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A3, A4, B1, B4, C1, C2, D1 and D2

Samples Collected:

-Brinkerhoff collected one (1) sidewall sample (EP-20) along the northeast sidewall of the Site. The sample was submitted to the laboratory for TCL VOCs, SVOCS, Pesticides, PCBs, TAL Metals, and Hex/Tri Chromium analyses. Reference the Construction Map Sketch below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed because no soil excavation activities occurred today.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Rest of week):

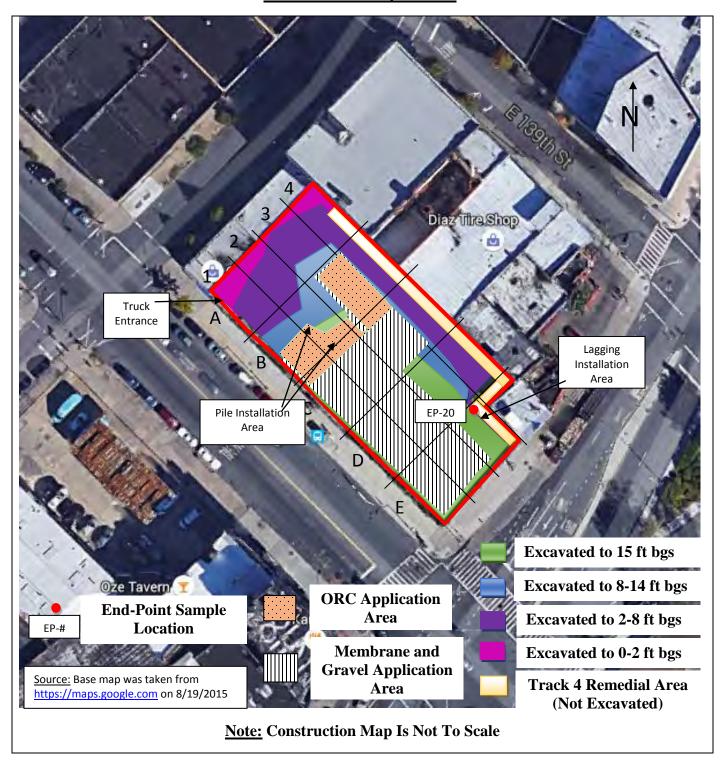
- -Continue installation of rakers along the northern boundary of the Site.
- -Continue installation of foundation piles in the western portion of the Site.
- -Continue dewatering operations.
- -Begin installation of the concrete rat slab in the eastern portion of the Site.

New Jersey Irdous Soil)								
Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
-								
10,800								
	10,800	Cu. Yds.* Trucks - 10,800	Cu. Yds.* Trucks Cu. Yds.	Cu. Yds.* Trucks Cu. Yds. Trucks - 10,800	Cu. Yds.* Trucks Cu. Yds. Trucks Cu. Yds 10,800	Cu. Yds.* Trucks Cu. Yds. Trucks Cu. Yds. Trucks - 10,800	Cu. Yds.* Trucks Cu. Yds. Trucks Cu. Yds. Trucks Cu. Yds. - 10,800	Cu. Yds.* Trucks Cu. Yds. Trucks Cu. Yds. Trucks Cu. Yds Trucks

* = cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor drilling piles in the western portion of the Site, facing east.



Photo 2 -

View of the installed rakers along the northeast boundary of the Site, facing north.



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Photo 3 -

Additional view of the installed rakers and the lagging installation area, facing northeast.

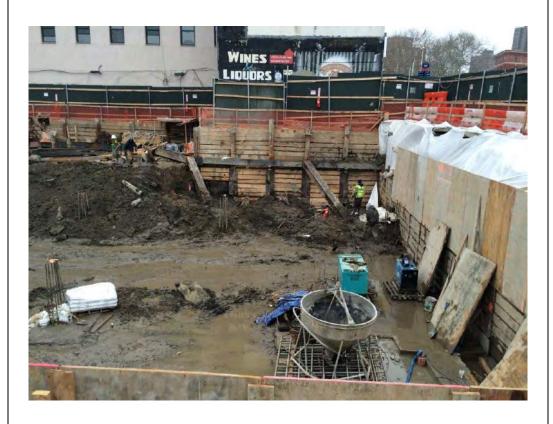


Photo 4 -

View of the Site, facing north.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	0 TO 32		32-50		50-70	Х	70-85	>85	
WIND	NE 10-15 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	4/28/2016
Location:	255 E. 138 th Street, Bro	Job:	Excavation of N	YSDEC	BCP # C203057	

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Monica Norton – Geologist	Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Edwin – Security Fritz - Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer
	ARRCO Environmental Services Corp. Tim Kelly – Driller Scott Dakota – Driller

Equipment on Site:	
Lettire Construction Corp. CAT CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer	Environmental Bulkheading Corp. CAT314C CR Backhoe M9-1 Pile Drill Concrete EuroDrill
LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks
	AARCO Environmental Services Corp. GeoProbe ® 7730DT Drill Rig

Description of Work Performed:

- -AARCO Environmental Services Corp. (AARCO) installed one (1) permanent sidewalk monitoring well (SMW-1) in the sidewalk along E. 138th Street to 20 feet below grade surface (bgs).
- -The contractor continued to install foundation piles along the E. 138th Street boundary of the Site.

Equipment Delivered to Site:

-AARCO brought a GeoProbe® 7730DT Drill Rig for the installation of the permanent monitoring well.

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Equipment Removed From Site:

- -AARCO removed the GeoProbe® 7730DT Drill Rig after the completion of the permanent monitoring well installation.
- -One (1) 10-cubic yard roll-off container of trash was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1 and B1.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed because no soil excavation activities occurred today.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Rest of week):

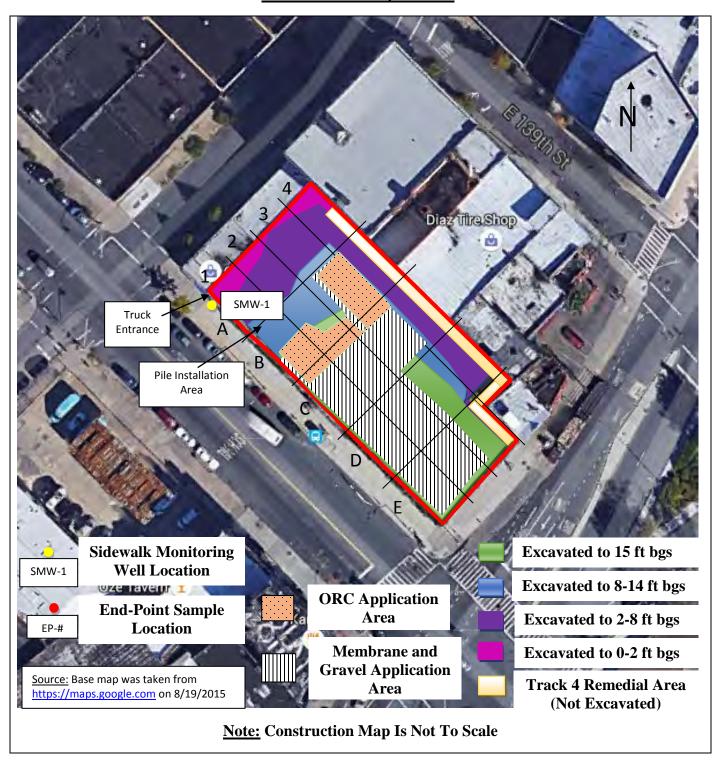
- -Continue installation of foundation piles in the western portion of the Site.
- -Continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [°]								
Todav	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
· ouay	-	-								
Total	432	10,800								
* - cubic yard totals are approximate since countersigned manifests have yet to been received										

* = cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of AARCO installing the permanent monitoring well (SMW-1) in the East 138th Street sidewalk, facing north.

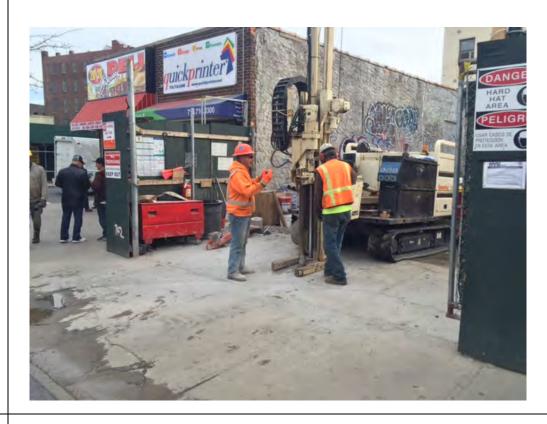


Photo 2 –

View of the monitoring well.



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Photo 3 –
View of the installed monitoring well.



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Field Representative(s): Sean Harrison

Client: East 138th Street LLC

WEATHER	Snow	Rain		Overcast		Partly Cloudy		Bright Sun	Х
TEMP.	0 TO 32	32-50		50-70	Х	70-85		>85	
WIND	ENE 5-10 mph								

NYSDEC Project No:	C203057	OER E-Number:	I F-/	27	Date:	05/12/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:						
Environmental Consultant:	Inspector(s):					
Brinkerhoff Environmental Services, Inc. Sean Harrison – Project Manager	GES-PC Youssouff Boubaa – Inspector					
Contractor:	Subcontractor(s):					
Lettire Construction Corp. Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer					

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315 L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Concrete EuroDrill
	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the northwest portion of the site for the installation of a dewatering sump pit.
- -The contractor excavated soil along the northern boundary of the Site for the installation of two (2) grade beams and two (2) pile caps.
- -The contractor continued to install foundation piles along the western boundary of the Site.
- -The contractor installed rebar and cut piles for the installation of the grade beams and pile caps.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

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Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-One (1) 20 cubic-yard load of three (3) to five (5)-inch virgin stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1, A2, A3, B1, B2, D3, and D4.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (May 13, 2016):

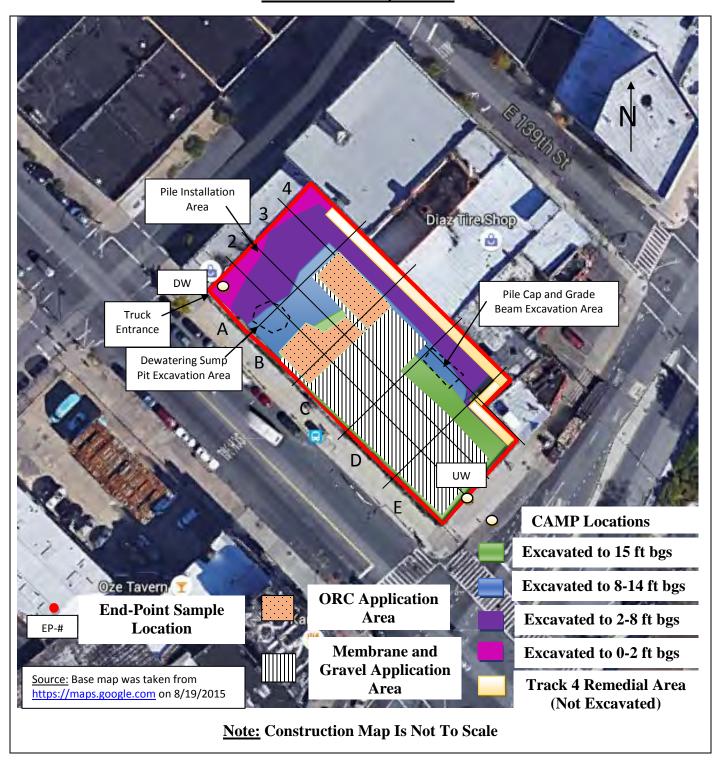
- -Continue excavating soil for pile cap and grade beam installation.
- -Continue installation of foundation piles in the western portion of the Site.
- -Continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [°]								
Todav	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
· oddy	-	-								
Total	432	10,800								
* - cubic va	rd totale are	annrovim	ata sinc	a counta	reigned r	nanifacte	have ve	t to heen	received	

' = cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

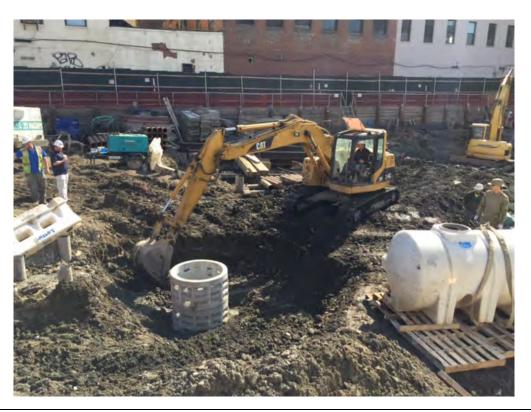
Photo 1 –

View of the contractor excavating soil in the central portion of the site, facing west.



Photo 2 -

View of the contractor excavating soil for the installation of the dewatering sump pit, facing northeast.



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Photo 3 -

View of the contractor drilling piles along the western boundary of the Site, facing northwest.



Photo 4 -

View of the contractor installing the two (2) pile caps and two (2) grade beams in the northern portion of the Site, facing west.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	0 TO 32		32-50	50-70	Х	70-85	>85	
WIND	SSE 5-9 mp	ph						

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	05/13/2016
Location:	255 F 138 th Street Bro	ny New York	loh:	Excavation of N	VSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315 L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Concrete EuroDrill
	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the northern and central portions of the site in preparation for pile cap and grade beam installation.
- -The contractor continued to install foundation piles along the western boundary of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, C1, C2, D2, D3, and D4.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

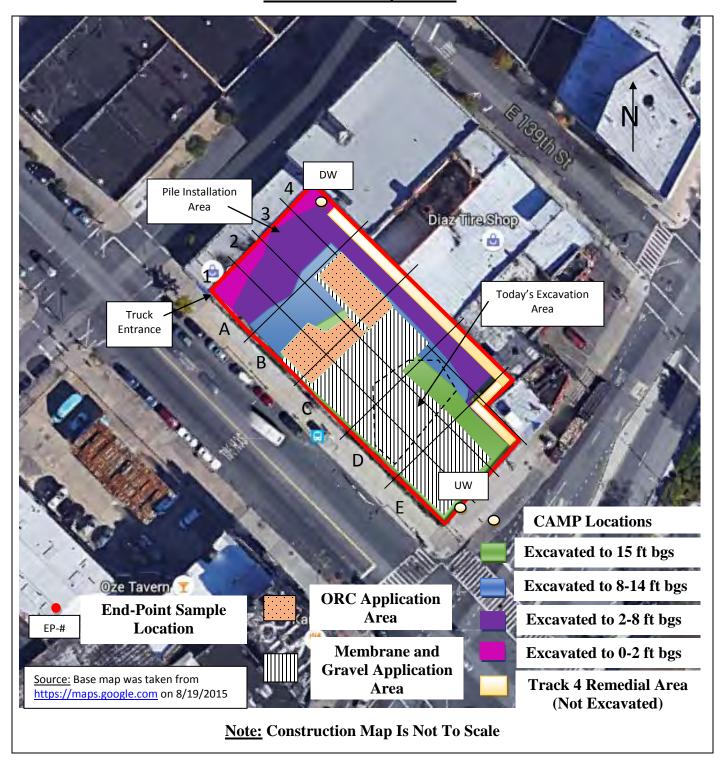
Description of Upcoming Work Activities (May 16, 2016):

- -Continue excavating soil for pile cap and grade beam installation.
- -Continue installation of foundation piles in the western portion of the Site.
- -Continue dewatering operations.

	Clean Earth (Carteret, Ne (Non-Hazar	ew Jersey [°]										
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds		
l	-	-										
Total	432	10,800										
* = cubic va	* = cubic vard totals are approximate since countersigned manifests have yet to been received											

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the installed grade beams and pile caps along the northern boundary of the Site, facing northwest.

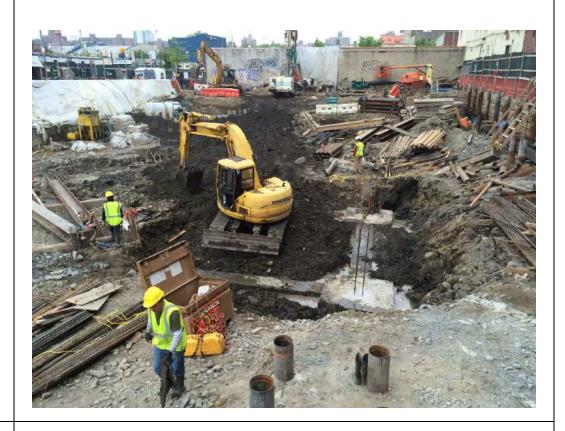
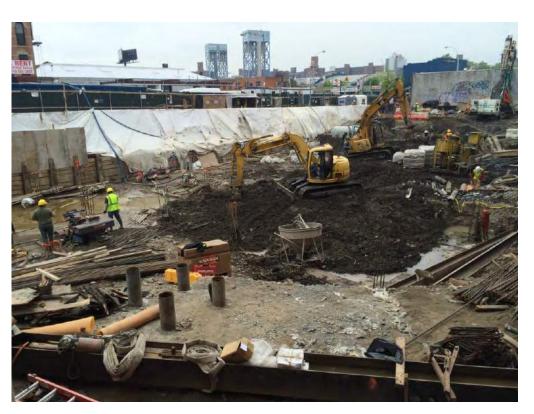


Photo 2 -

View of the contractor excavating soil in the central portion of the Site, facing west.



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Photo 3 –

View of the contractor excavating soil along the southern boundary of the Site, facing east.



Photo 4 –

View of the contractor installing piles along the western boundary of the Site, facing southwest.



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Photo 5 –

View of the Site, facing north.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	WNW 20-2	WNW 20-25 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	05/16/2016
Location:	255 E. 138 th Street, Bronx, New York			Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315 L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Concrete EuroDrill
	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil along the southern E. 138th Street boundary of the Site for the installation of three (3) pile caps and in the central portion of the Site for one (1) grade beam.
- -The contractor continued to install foundation piles along the western boundary of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site: -No material was delivered to the Site. Material Removed From Site: -No material was removed from the Site.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

Working In Grid #s: A2, A3, C1, D1, and D2.

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (May 17, 2016):

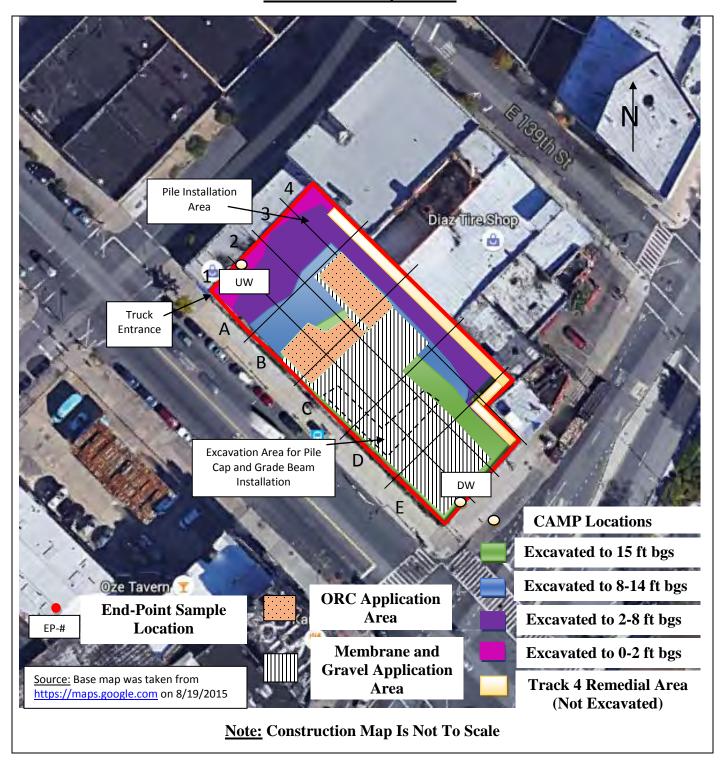
- -Continue excavating soil for pile cap and grade beam installation.
- -Continue installation of foundation piles in the western portion of the Site.
- -Continue dewatering operations.

	Clean Earth of Carteret, No. (Non-Hazaro	ew Jersey [°]									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds	
loddy	-	-									
Total	432	10,800									
* = cubic va	* = cubic vard totals are approximate since countersigned manifests have vet to been received										

= cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

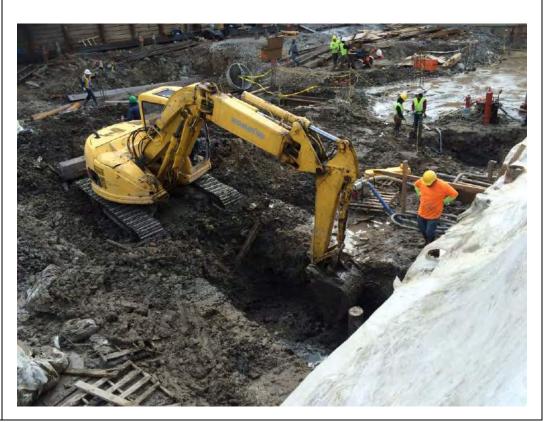
Photo 1 –

View of the installed grade beam in the central portion of the Site, facing northeast.



Photo 2 –

View of the contractor excavating soil along the southern boundary of the Site for pile cap installation, facing east.



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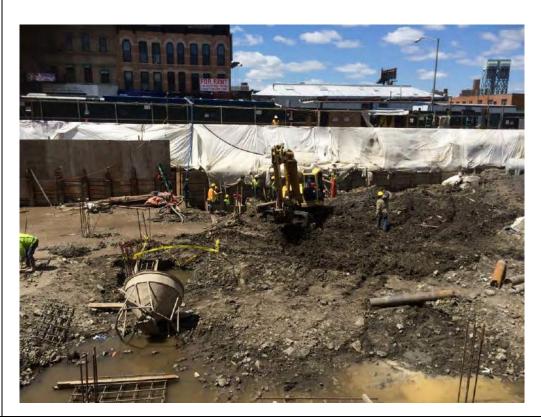
Photo 3 -

View of the contractor installing the formwork for the pile cap installation along the southern boundary of the Site, facing east.



Photo 4 –

Additional view of the contractor excavating along the southern boundary of the Site, facing southwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	0 TO 32	32-50	50-70	Х	70-85	>85	
WIND	SW 8-11 m	ph					

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	05/17/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Monica Norton – Geologist	Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor

Equipment on Site:						
Lettire Construction Corp.	Environmental Bulkheading Corp.					
CAT CAT 315 L Backhoe	CAT314C CR Backhoe					
900H Sullair Generator	M9-1 Pile Drill					
Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Concrete EuroDrill					
	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks					

Description of Work Performed:

- -The contractor excavated soil along the northern and southern boundaries of the Site for the installation of two (2) pile caps.
- -The contractor applied the Oxygen Release Compound (ORC) Advanced® Pellets along the base of the pile cap excavation areas in the northern and southern portions of the Site.
- -The contractor continued to weld piles and install the formwork for the pile cap installation along the southern boundary of the Site.
- -The contractor continued to install foundation piles in the northern portion of the Site.
- -No fugitive dust was observed throughout the day.

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Equipment Delivered to Site: -No equipment was delivered to the Site. Equipment Removed From Site: -No equipment was removed from the Site. Material Delivered to Site: -No material was delivered to the Site. Material Removed From Site: -No material was removed from the Site.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (May 18, 2016):

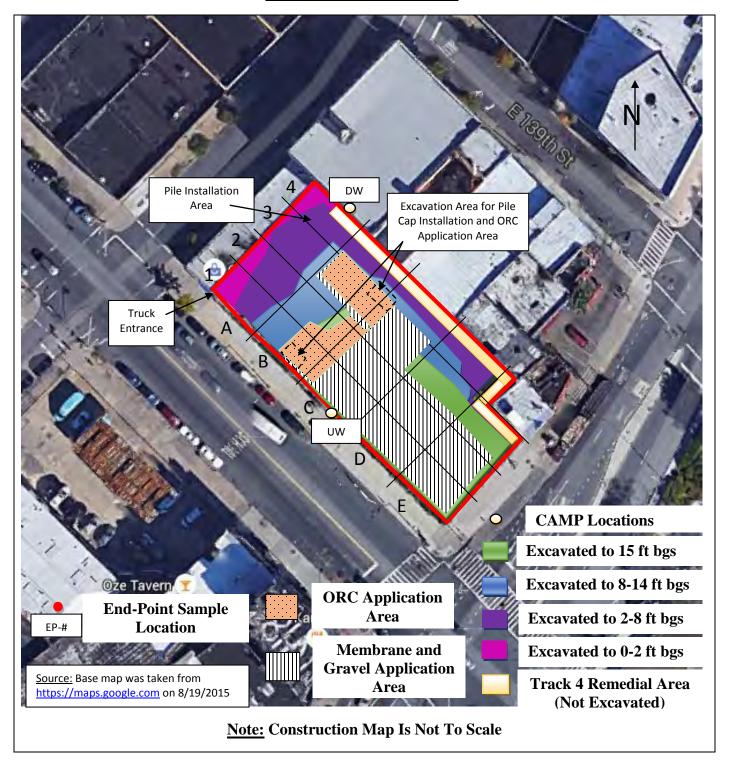
Working In Grid #s: A2, A3, A4, B1, B3, B4, C1, C3, and C4.

- -Continue excavating soil for pile cap and grade beam installation.
- -Continue installation of foundation piles in the western portion of the Site.
- -Continue dewatering operations.

	Clean Earth of Carteret, Non-Hazard	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	432	10,800								
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received									

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Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil for the installation of a pile cap along the northern boundary of the Site, facing south.



Photo 2 –

View of the contractor cutting piles for the installation of the pile cap formwork, facing southeast.



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Photo 3 -

View of the pile installation in the northern portion of the site, facing southwest.



Photo 4 -

View of the site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50		50-70	X	70-85		>85	
WIND	NE 6-11 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-2	E-227		05/18/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:						
Environmental Consultant:	Inspector(s):					
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector					
Contractor:	Subcontractor(s):					
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer					

Equipment on Site:					
Lettire Construction Corp.	Environmental Bulkheading Corp.				
CAT CAT 315 L Backhoe	CAT314C CR Backhoe				
900H Sullair Generator	M9-1 Pile Drill				
Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Concrete EuroDrill				
	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks				

Description of Work Performed:

- -The contractor excavated soil in the eastern portion of the site in preparation for the foundation slab installation.
- -The contractor installed the formwork and poured concrete for the pile cap installation along the southern and northern boundaries of the Site.
- -The contractor continued to install foundation piles in the northern portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, A4, B1, B3, B4, D2, D3, E2, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

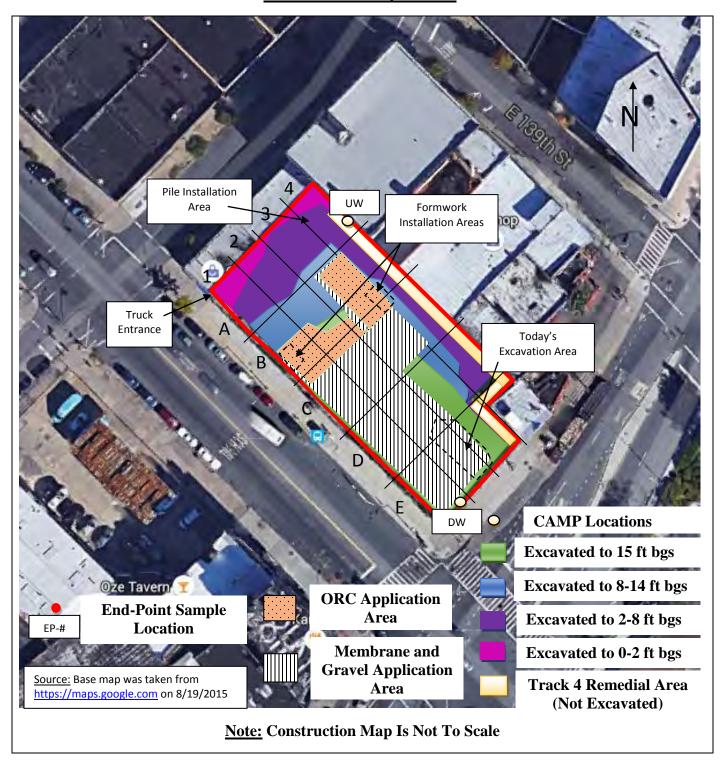
Description of Upcoming Work Activities (May 19, 2016):

- -Continue excavating soil in the eastern portion of the Site in preparation for the foundation slab installation.
- -Continue excavating soil for pile cap and grade beam installation.
- -Continue installation of foundation piles in the northern portion of the Site.
- -Continue dewatering operations.

	Clean Earth Carteret, Ne (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roday	-	-								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

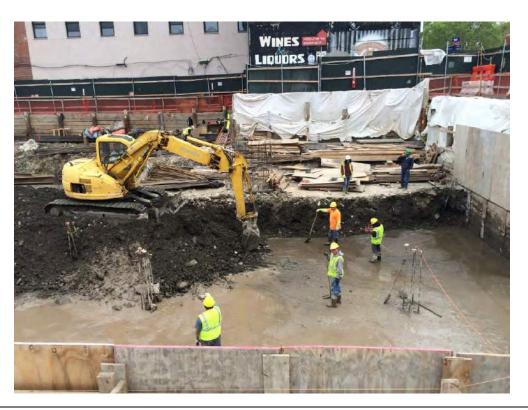
Photo 1 –

View of the contractor excavating soil in the eastern portion of the Site, facing southwest.



Photo 2 –

Additional view of the excavation area in the eastern portion of the Site, facing northeast.



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Photo 3 -

View of the contractor installing piles in the northern portion of the Site, facing southwest.

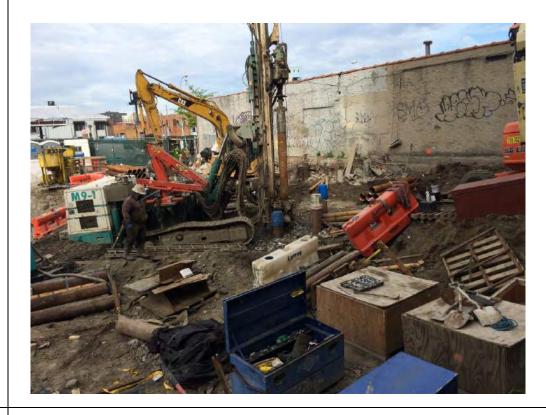


Photo 4 -

View of the installed pile caps along the southern boundary of the Site, facing northeast.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	 	32-50		50-70	Х	70-85		>85	
WIND	NW 3-5 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	05/19/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:						
Environmental Consultant:	Inspector(s):					
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector					
Contractor:	Subcontractor(s):					
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer					

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315 L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Concrete EuroDrill
	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the central portion of the site.
- -The contractor installed rebar, formwork, and the Preprufe 300R waterproofing membrane, manufactured by Grace, for the sewage ejector pit in the eastern portion of the Site.
- -The contractor continued to install foundation piles in the northern portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-One (1) 20-cubic yard roll-off container of trash was removed from the Site.

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Material Delivered to Site:

-One (1) truck-load of three (3) to five (5)-inch virgin stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, A4, B1, B3, C1, C2, C3, B4, D2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, May 20, 2016):

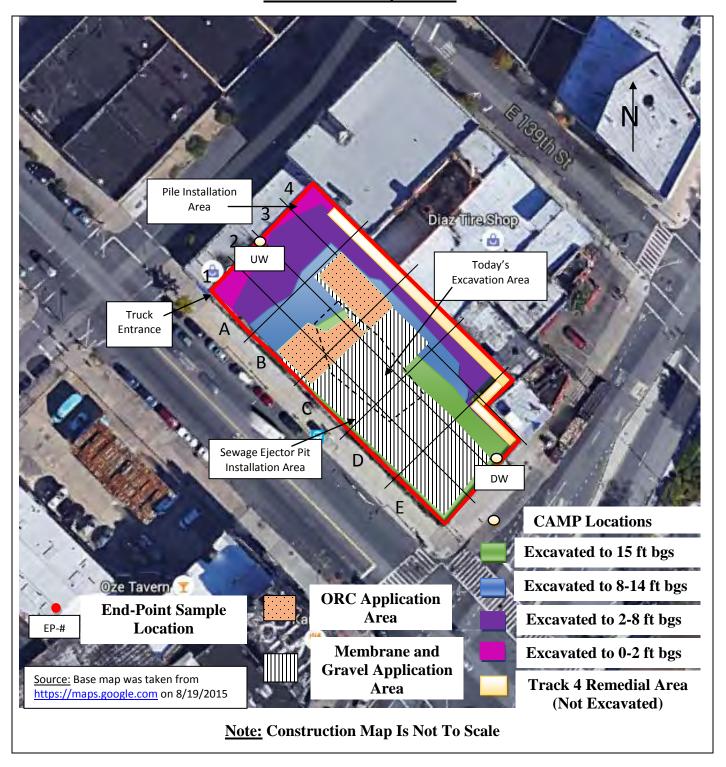
- -Continue excavating soil in the central portion of the Site in preparation for the foundation slab installation.
- -Remove 20 truck-loads of soil off-site to Clean Earth of Carteret located in Carteret, New Jersey.
- -Continue excavating soil and installing formwork for sewage ejector pit, pile cap, and grade beam installation.
- -Continue installation of foundation piles in the northern portion of the Site.
- -Continue dewatering operations.

	Clean Earth of Carteret, Non-Hazard	ew Jersey [*]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roddy	-	-								
Total	432	10,800								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

* = cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the central portion of the Site, facing west.



Photo 2 -

View of the contractor installing rebar for the sewage ejector pit installation in the eastern portion of the Site, facing northeast.



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Photo 3 -

View of the contractor installing piles in the northern portion of the Site, facing northeast.



Photo 4 –

View of the Site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast		Partly Cloudy	Bright Sun	Χ
TEMP.	0 TO 32		32-50	50-70	X	70-85	>85	
WIND	NW 3-5 mp	h						

NYSDEC Project No:	C203057	OER E-Number:	E-Z	27	Date:	05/20/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:				
Environmental Consultant:	Inspector(s):			
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector			
Contractor:	Subcontractor(s):			
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer			

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315 L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Concrete EuroDrill
	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the central and western portions of the Site.
- -The contractor directly loaded twenty-two trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- -The contractor welded piles along the southeast boundary of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Twenty-two truck-loads of non-hazardous soil were removed and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, A4, B1, B3, C1, C2, C3, B4, D2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Next Week):

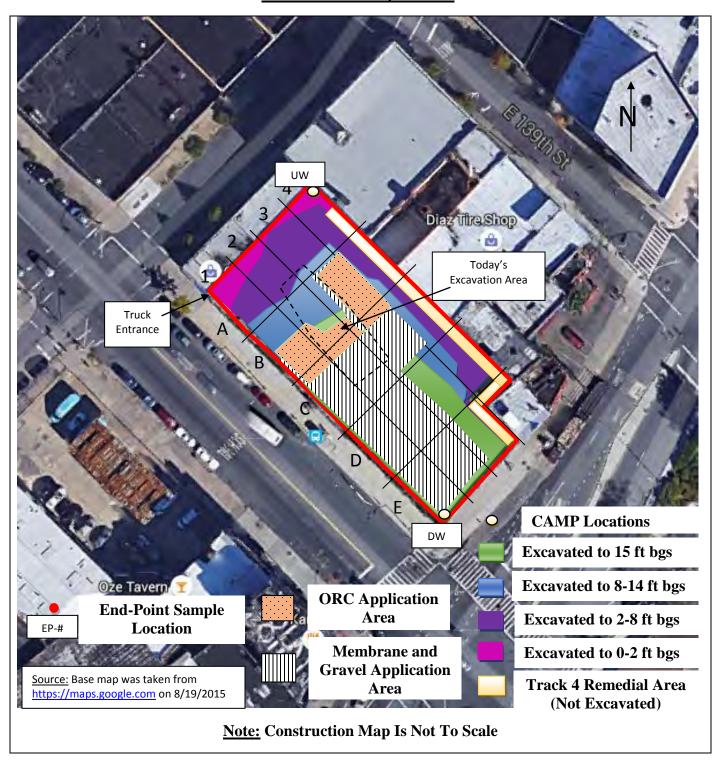
- -Continue preparation for the foundation slab installation in the eastern portion of the Site.
- -Continue excavating soil and installing formwork for sewage ejector pit, pile cap, and grade beam installation.
- -Continue installation of foundation piles in the northern portion of the Site.
- -Continue dewatering operations.

	Clean Earth (Carteret, Ne (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	22	550								
Total	454	11,350								
* - cubic yard totals are approximate since countersigned manifests have yet to been received										

f = cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing west.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing north.



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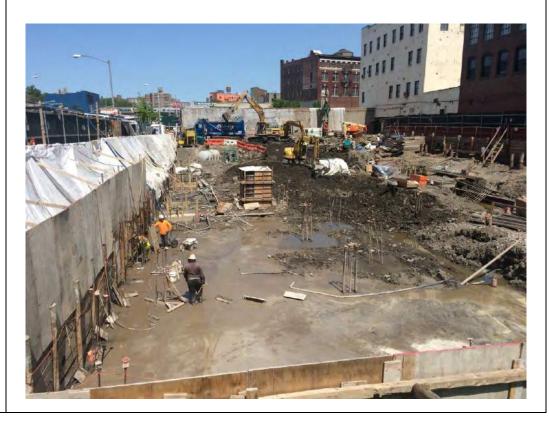
Photo 3 –

View of the site, facing southwest.



Photo 4 –

View of the Site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy		Bright Sun	Χ
TEMP.	0 TO 32	32-50	50-70	70-85	Х	>85	
WIND	NW 3-5 mp	h					

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/25/2016
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:				
Environmental Consultant:	Inspector(s):			
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector			
Contractor:	Subcontractor(s):			
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer			

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315 L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Concrete EuroDrill
	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the central portion of the Site.
- -The contractor installed one (1) grade beam and began to install the underground plumbing in the eastern portion of the Site.
- -The contractor drilled piles in the northern corner of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-A truck-load of piles were delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:

-One (1) truck-load of three (3) to five (5)-inch virgin stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, A4, B1, B3, C1, C2, C3, B4, D2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

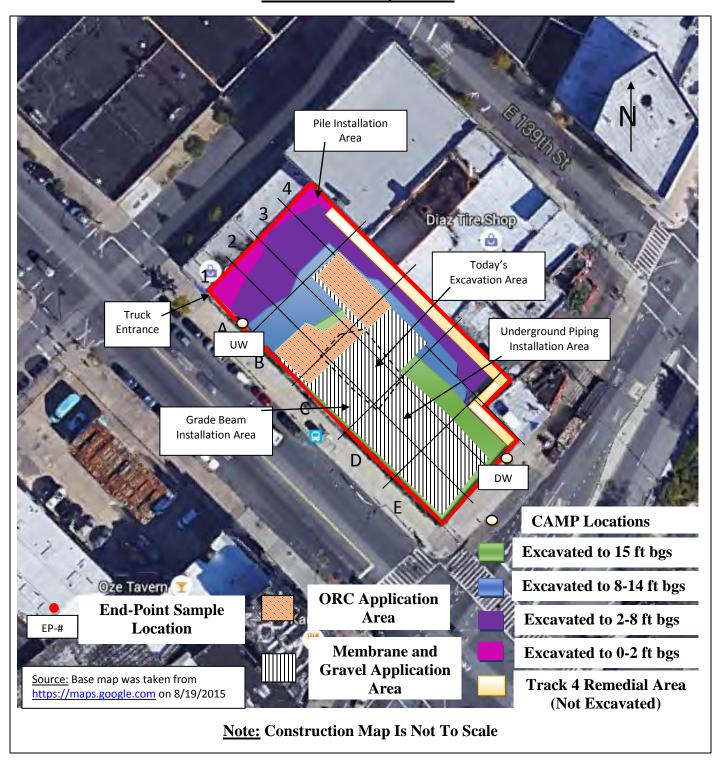
Description of Upcoming Work Activities (Thursday, May 26, 2016):

- -Continue preparation for the foundation slab installation in the eastern portion of the Site.
- -Continue excavating soil for elevator pit, pile cap, grade beam, and underground piping installation.
- -Continue installation of foundation piles in the northern portion of the Site.
- -Continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)										
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds	
loday	-	-									
Total	454	11,350									
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the central portion of the Site for the elevator pit, facing north.

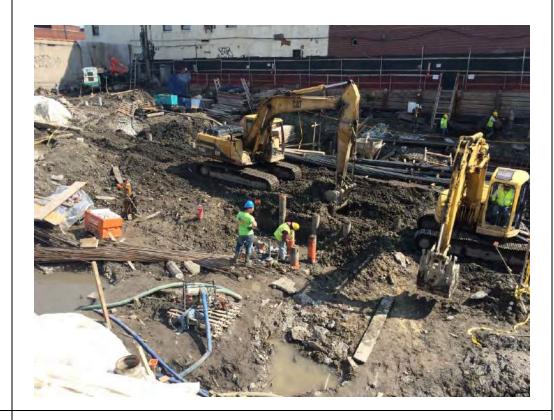
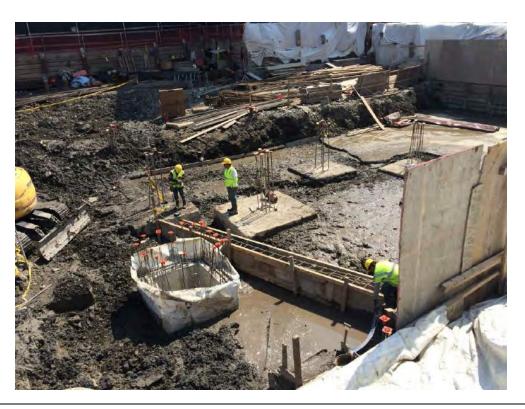


Photo 2 –

View of the installed grade beam and sewage ejector pit in the eastern portion of the Site, facing east.



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Photo 3 –

View of the contractor installing the underground piping in the eastern portion of the Site, facing east.



Photo 4 –

View of the contractor installing piles in the northern corner of the Site, facing north.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32	32-50	50-70	70-85	Χ	>85	
WIND	S 2-9 mph						

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	05/26/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT CAT 315 L Backhoe	CAT314C CR Backhoe
900H Sullair Generator	M9-1 Pile Drill
Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Concrete EuroDrill
	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the central portion of the Site for the elevator pit installation.
- -The contractor continued to install underground plumbing conduits in the eastern portion of the Site.
- -The contractor drilled piles in the northern corner of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A2, A3, A4, B1, B3, C1, C2, C3, B4, D2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

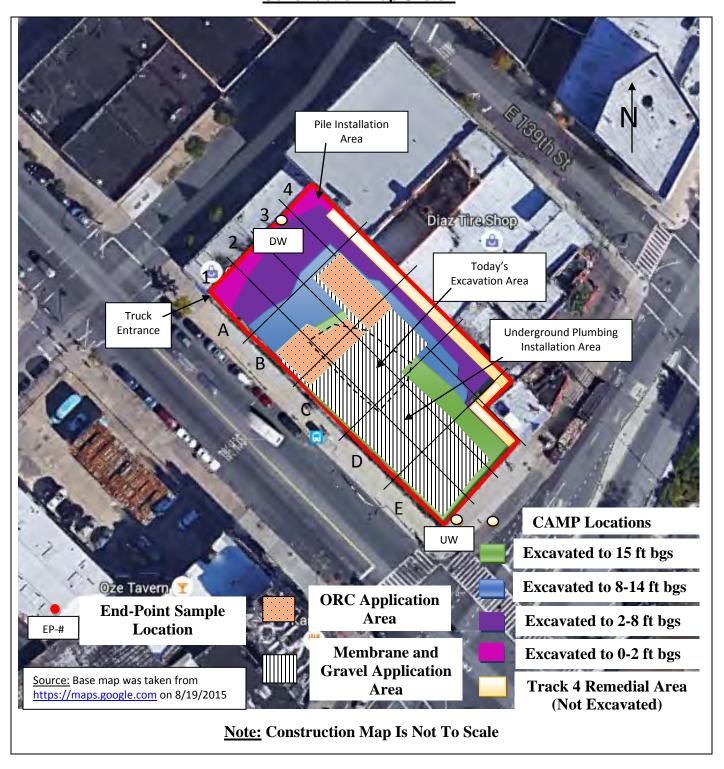
Description of Upcoming Work Activities (Friday, May 27, 2016):

- -Continue preparation for the foundation slab installation in the eastern portion of the Site.
- -Continue excavating soil for elevator pit, pile cap, grade beam, and underground piping installation.
- -Continue installation of foundation piles in the northern portion of the Site.
- -Continue dewatering operations.

	Carteret, No	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	454	11,350								
* = cubic vard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the central portion of the Site for the elevator pit, facing northeast.



Photo 2 –

View of the contractor installing the underground plumbing conduits in the eastern portion of the Site, facing east.



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Photo 3 –

View of the Site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain		Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-5)	50-70	70-85	Χ	>85	
WIND	C 6 11 mn	h						

	NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	05/27/2016
L	ocation:	255 E. 138 th Street, Bro	Job:	Excavation of N	YSDEC	BCP # C203057	

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Monica Norton – Geologist	Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer
Ronmel Cimpoberde – Laborer	Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT PC128UU Backhoe	CAT314C CR Backhoe
CAT 315 L Backhoe	M9-1 Pile Drill
900H Sullair Generator	Concrete EuroDrill
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor performed minimal soil excavation in the central portion of the Site for the installation of one (1) pile cap.
- -The contractor continued to prepare the eastern portion of the Site for the foundation slab installation.
- -The contractor drilled piles in the northern corner of the Site.
- -No fugitive dust was observed throughout the day.

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Equipment Delivered to Site:

-A CAT PC128UU backhoe was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A3, A4, C1, C2, D1, D2, E1, and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed due to equipment malfunctioning; however, no fugitive dust was observed throughout the day.

Problems Encountered:

-None.

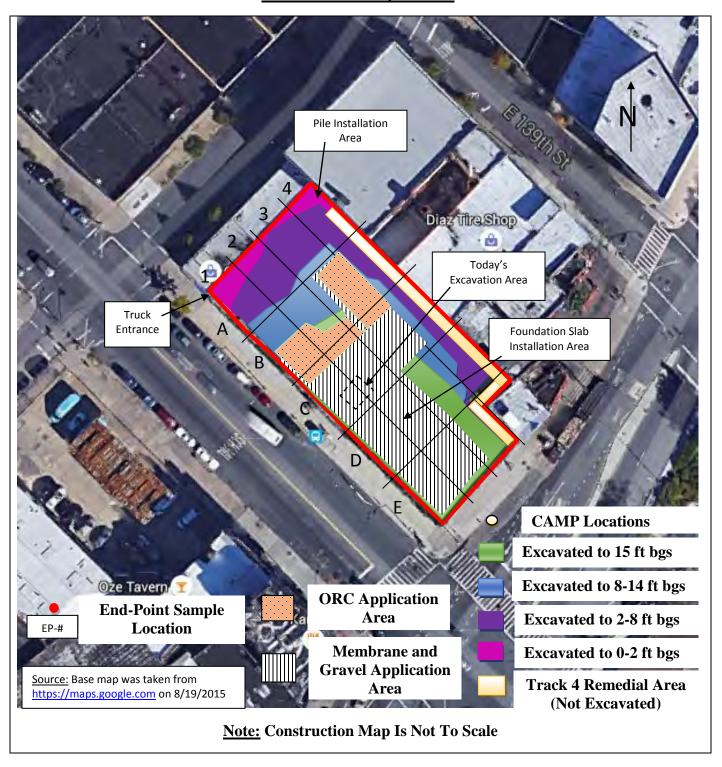
Description of Upcoming Work Activities (Tuesday, May 31, 2016):

- -Continue excavation in the central portion of the Site and remove thirty truck-loads of soil off-site to the Clean Earth of Carteret facility located in Carteret, New Jersey.
- -Continue pouring the concrete foundation slab in the eastern portion of the Site.
- -Continue excavating soil for the elevator pit, pile cap, grade beam, and underground piping installation.
- -Continue installation of foundation piles in the northern portion of the Site.
- -Continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [°]										
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds		
Today	-	-										
Total	454	11,350										
* = cubic va	* = cubic vard totals are approximate since countersigned manifests have vet to been received											

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

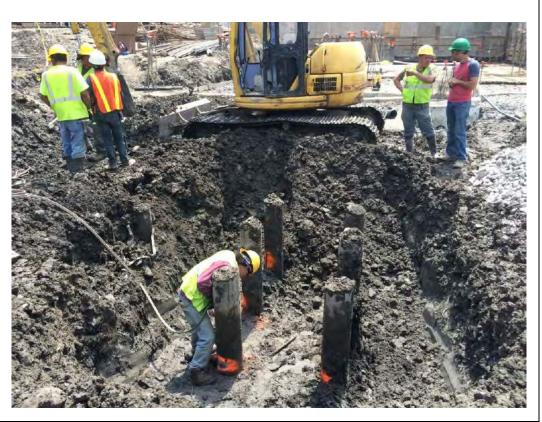
Photo 1 –

View of the contractor excavating soil in the central portion of the Site for the pile cap, facing northeast.



Photo 2 -

Close-up view of the pile cap excavation area in the central portion of the Site, facing southeast.



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Photo 3 –

View of the contractor drilling piles in the northern portion of the Site, facing northwest.



Photo 4 -

View of the Site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50	50-70	70-85	Χ	>85	
WIND	NNE 3-10 r	nph	1					

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	05/31/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	GES-PC Youssouff Boubaa – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer
Ronmel Cimpoberde – Laborer	Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT PC128UU Backhoe	CAT314C CR Backhoe
CAT 315 L Backhoe	M9-1 Pile Drill
900H Sullair Generator	Concrete EuroDrill
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the central, western, and northeastern portions of the Site.
- -The contractor directly loaded twenty-three trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- -The contractor continued to prepare the eastern portion of the Site for the foundation slab installation.
- -No fugitive dust was observed throughout the day.
- -Dana Mecomber (NYSDEC) was on-site.

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Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Twenty-three truck-loads of non-hazardous soil were removed and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, B2, B3, C2, C3, D2, D3, E2, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, June 1, 2016):

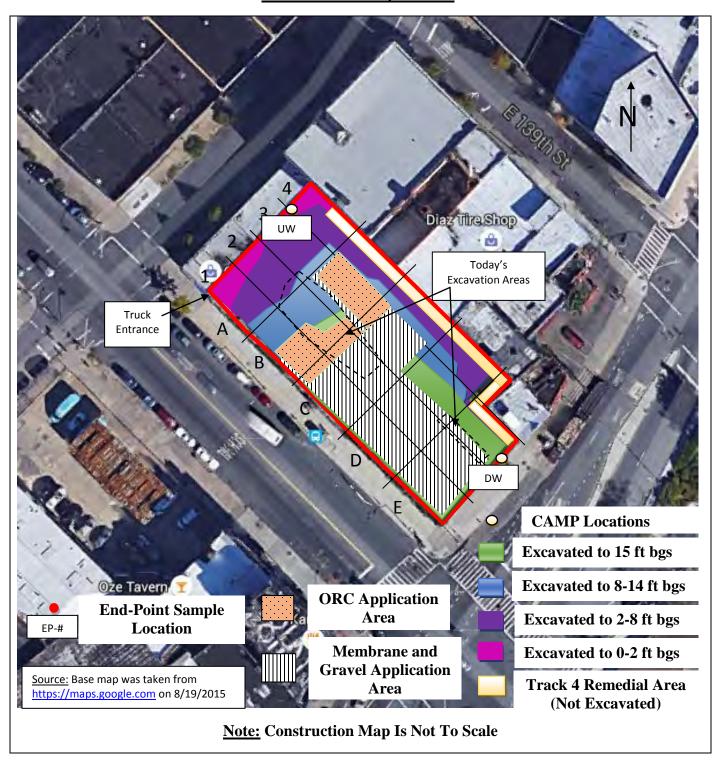
- -Grade soil and begin to install rebar and waterproofing membrane for the foundation slab installation in the eastern portion of the Site.
- -Continue pouring the concrete rat slab in the eastern portion of the Site.
- -Continue installation of foundation piles in the northern portion of the Site.
- -Continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [*]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	23	575								
Total	477	11,925								
*	* authic yard totals are approximate since countersigned manifests have yet to been received									

* = cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing north.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing north.



Page 4 of 6 File Name: <u>Daily Field Report 05/31/2016</u>

Photo 3 -

View of the contractor excavating soil in the eastern portion of the Site, facing northeast.



Photo 4 -

View of an exiting truck being cleaned with water prior to leaving the Site, facing northwest.



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Photo 5 –

View of the Site, facing northwest.



Page 6 of 6 File Name: <u>Daily Field Report 05/31/2016</u>

Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain		Overcast		Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-50		50-70		70-85	Х	>85	
WIND	ENE 4.9 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	06/01/2016
Location:	255 E. 138 th Street, Bro	Bronx, New York		Excavation of N	YSDEC	BCP # C203057

Inspector(s):
GES-PC
Youssouff Boubaa – Inspector
Subcontractor(s):
Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer
Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT PC128UU Backhoe	CAT314C CR Backhoe
CAT 315 L Backhoe	M9-1 Pile Drill
900H Sullair Generator	Concrete EuroDrill
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the central portion of the Site for the installation of one (1) pile cap.
- -The contractor applied the Oxygen Release Compound (ORC) Advanced® Pellets along the base of the pile cap excavation area in the central portion of the Site.
- -The contractor poured concrete for the pile cap in the central portion of the Site and for the rat slab in the southeastern portion of the Site.
- -The contractor began to install the Preprufe 300R waterproofing membrane, manufactured by Grace, above the rat slab in the southeastern portion of the Site.
- -The contractor continued to install piles along the western boundary of the Site.
- -No fugitive dust was observed throughout the day.

Page 1 of 5 File Name: Daily Field Report 06/01/2016

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-One (1) CAT Backhoe was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B1, B2, C1, C2, C3, D1, D2, D3, E2, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

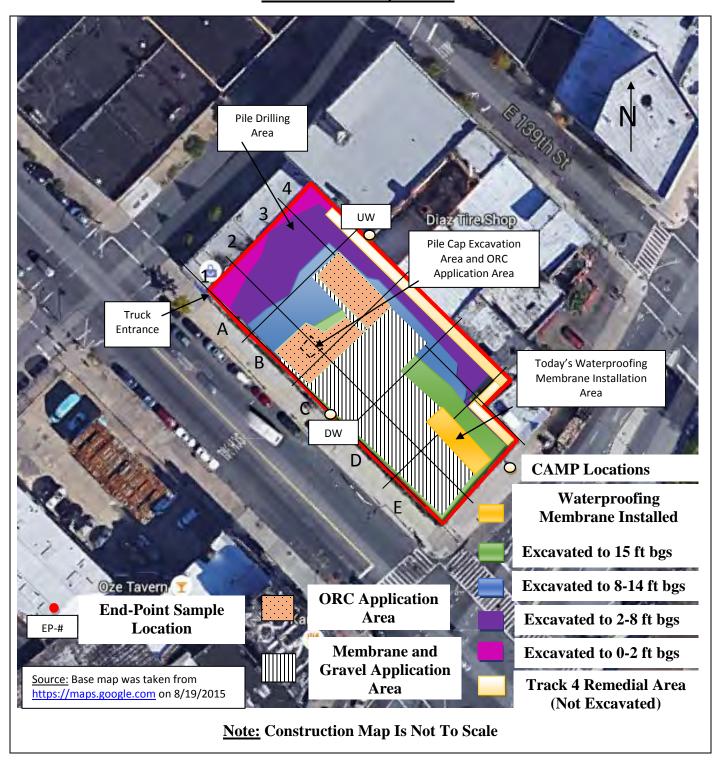
Description of Upcoming Work Activities (Thursday, June 2, 2016):

- -Continue to install the waterproofing membrane and rebar for the foundation slab installation in the eastern portion of the Site.
- -Continue excavation for the elevator pit in the central portion of the Site.
- -Continue installation of foundation piles in the northern portion of the Site.
- -Continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	477	11,925								
* - cubic va	* - cubic yard totals are approximate since countersigned manifests have yet to been received									

' = cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the central portion of the Site for installation of a pile cap, facing northeast.

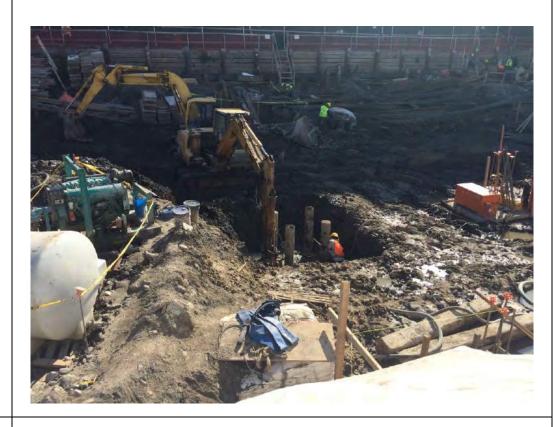


Photo 2 –

View of the installed waterproofing membrane above the rat slab in the eastern portion of the Site, facing east.



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Photo 3 -

Close-up view of the contractor installing the waterproofing membrane in the eastern portion of the Site, facing northwest.



Photo 4 -

View of the contractor pouring concrete in the central portion of the Site for the pile cap installation, facing northeast.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rair	ı	Overcast	Partly Cloudy	Χ	Bright Sun	
TEMP.	0 TO 32	32-5	0	50-70	70-85	Х	>85	
WIND	E 5-10 mph	1						

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	06/02/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	GES-PC
Monica Norton – Geologist	- Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp.	Environmental Bulkheading Corp.
Ratko Krneta – Construction Site Superintendent &	Steven Kahn – Driller
Safety Officer	Rayon Walker – Laborer
Alex Adduci – Project Manager	Phillip Stevens – Laborer
Edwin – Security	Damian Banckwood – Laborer
Fritz – Laborer	
Ronmel Cimpoberde – Laborer	Erlandsen-Crowell & Shaw, LLP
	Andrew – Surveyor

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT PC128UU Backhoe	CAT314C CR Backhoe
CAT 315 L Backhoe	M9-1 Pile Drill
900H Sullair Generator	Concrete EuroDrill
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the central portion of the Site for the elevator pit installation.
- -The contractor continued to install the Preprufe 300R waterproofing membrane, manufactured by Grace, over the rat slab in the southeastern portion of the Site.
- -The contractor continued to install piles along the western boundary of the Site.
- -No fugitive dust was observed throughout the day.

Page 1 of 5 File Name: <u>Daily Field Report 06/02/2016</u>

Equipment Delivered to Site: -No equipment was delivered to the Site. Equipment Removed From Site: -No equipment was removed from the Site. Material Delivered to Site: -No material was delivered to the Site. Material Removed From Site: -No material was removed from the Site.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

Working In Grid #s: A3, C1, C2, E1, and E2.

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, June 3, 2016):

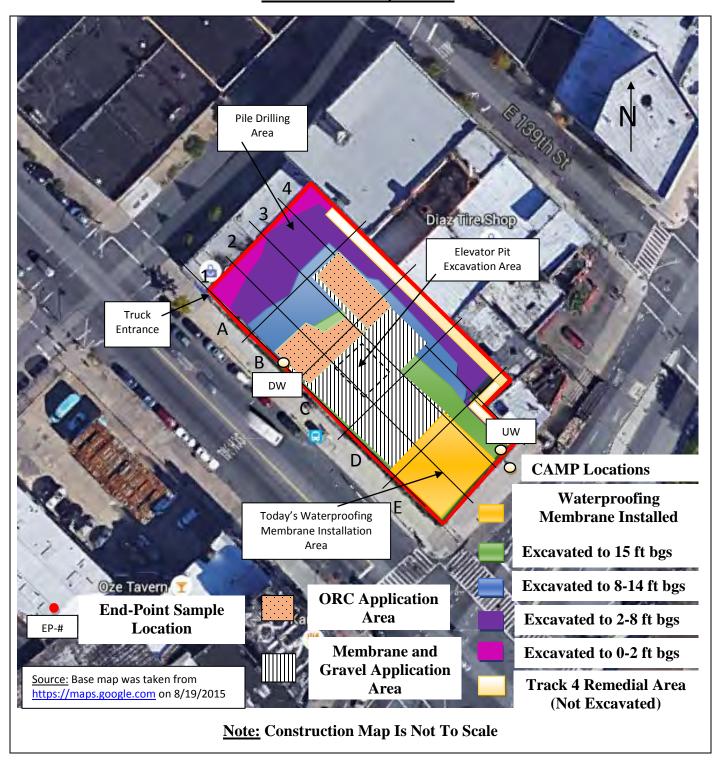
- -Continue to install the waterproofing membrane and rebar for the foundation slab installation in the eastern portion of the Site.
- -Continue installation of foundation piles in the northern portion of the Site.
- -Continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
loday	-	-								
Total	477	11,925								

* = cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the central portion of the Site for the elevator pit installation, facing northwest.

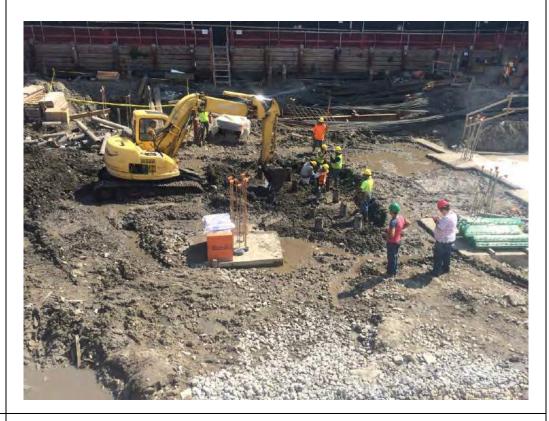


Photo 2 –

View of the installed waterproofing membrane in the eastern portion of the Site, facing west.



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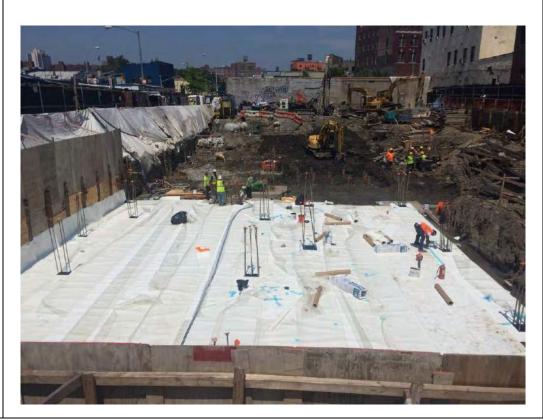
Photo 3 –

Close-up view of the installed Preprufe 300R Waterproofing Membrane, the Bituthene Liquid Membrane, and the Preprufe Tape LT.



Photo 4 -

View of the Site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Ra	ain	Overcast	Partly Cloudy		Bright Sun	Х
TEMP.	0 TO 32	32	-50	50-70	70-85	Χ	>85	
WIND	NW 4-7 m	ph						

NYSDEC Project No: OER E-Number: E-227 Date: 06/15/201
--

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT PC128UU Backhoe	CAT314C CR Backhoe
CAT 315 L Backhoe	M9-1 Pile Drill
900H Sullair Generator	Concrete EuroDrill
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the western and northern portions of the Site.
- -The contractor directly loaded twenty-four trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- -The contractor installed the foundation slab and continued to install formwork for the sidewall installation in the southern corner of the Site.
- -No fugitive dust was observed throughout the day.

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Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Twenty-four truck-loads of non-hazardous soil were removed and disposed off-site at Clean Earth of Carteret in Carteret, New Jersey.

Working In Grid #s: A2, A3, B2, B3, E1, and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Thursday, June 16, 2016):

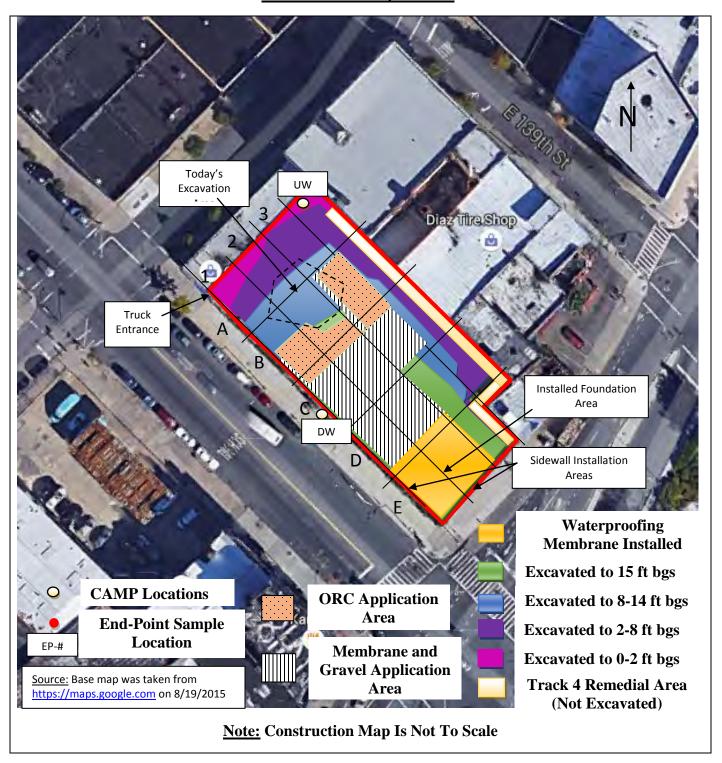
- -Pour concrete for the sidewall installation in the southern corner of the Site.
- -Excavate soil for the elevator pit installation in the central portion of the Site.
- -Continue dewatering operations.

	Clean Earth of Carteret, No. (Non-Hazaro	ew Jersey								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	24	600								
Total	501	12,525								

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the northern and western portions of the Site, facing north.



Photo 2 –

View of the contractor directly loading soil for off-site disposal, facing north.



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Photo 3 –

View of the installed foundation slab and sidewall formwork in the southeastern corner of the Site, facing south.

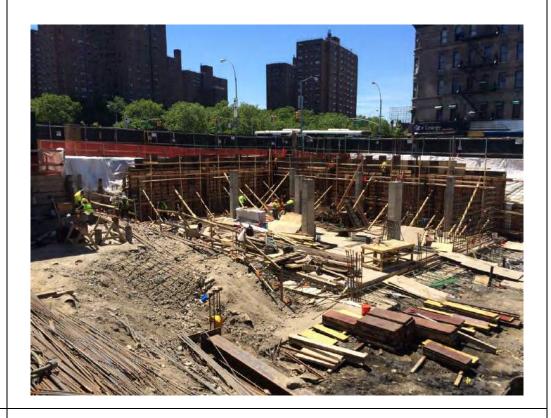
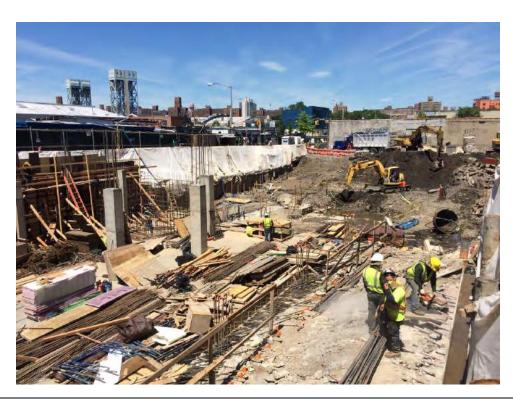


Photo 4 -

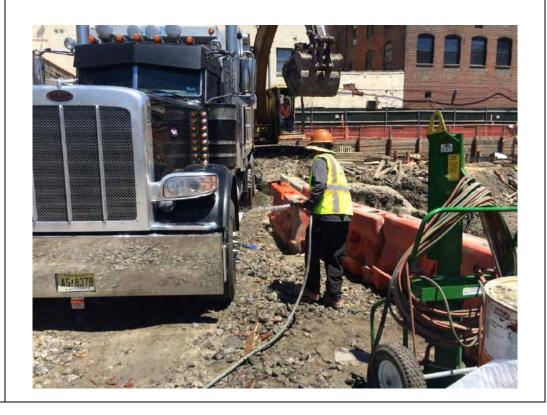
View of the Site, facing northwest.



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Photo 5 –

View of the contractor cleaning the wheels of an exiting truck with water prior to leaving the Site, facing northwest.



Page 6 of 6 File Name: <u>Daily Field Report 06/15/2016</u>

Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Х	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50	50-70		70-85	Х	>85	
WIND	W 5-10 mp	oh							

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	06/16/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:								
Environmental Consultant:	Inspector(s):							
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	Wang Technology Paul Tapias – Inspector							
Contractor:	Subcontractor(s):							
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Environmental Bulkheading Corp. Steven Kahn – Driller Rayon Walker – Laborer Phillip Stevens – Laborer Damian Banckwood – Laborer Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor							

Equipment on Site:	
Lettire Construction Corp.	Environmental Bulkheading Corp.
CAT PC128UU Backhoe	CAT314C CR Backhoe
CAT 315 L Backhoe	M9-1 Pile Drill
900H Sullair Generator	Concrete EuroDrill
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC
	Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil for the elevator pit installation in the central portion of the Site.
- -The contractor poured concrete for the sidewalls and continued to install formwork in the southern corner of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

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Equipment Removed From Site: -No equipment was removed from the Site. Material Delivered to Site: -A truck-load of timber was delivered to the Site. Material Removed From Site: -No material was removed from the Site.

Samples Collected:

-No samples were collected today.

Working In Grid #s: B2, E1, and E2.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

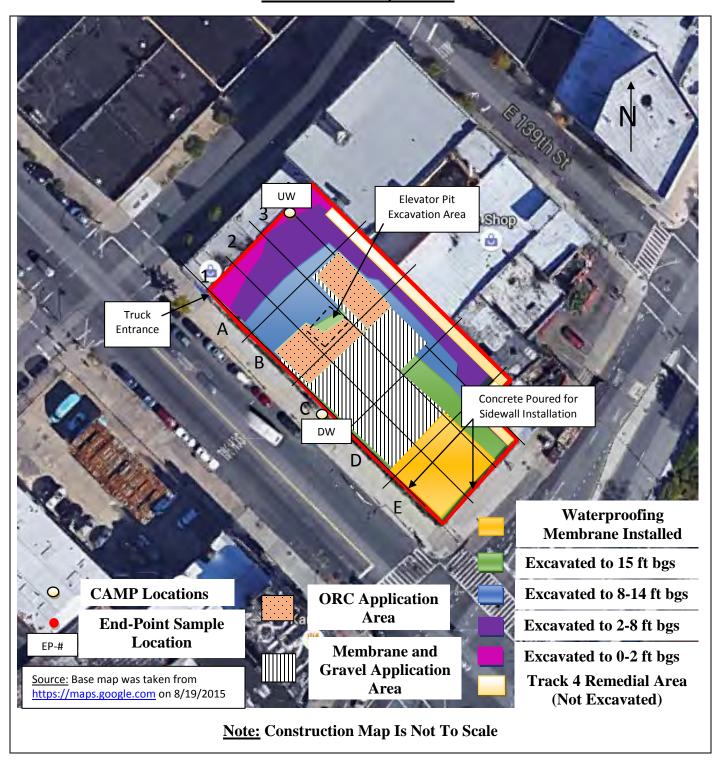
Description of Upcoming Work Activities (Friday, June 17, 2016):

- -Excavate soil in the western and northern portions of the Site and remove fifteen truck-loads of non-hazardous materials off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -Continue excavating soil and installing pile caps for the elevator pit installation in the central portion of the Site.
- -Continue installing formwork in the southern portion of the Site.
- -Continue dewatering operations.

	Clean Earth Carteret, Ne (Non-Hazar	ew Jersey [°]									
Tada	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds	
Today	-	-									
Total	501	12,525									
* - cubic va	* = cubic vard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the central portion of the Site, facing northeast.

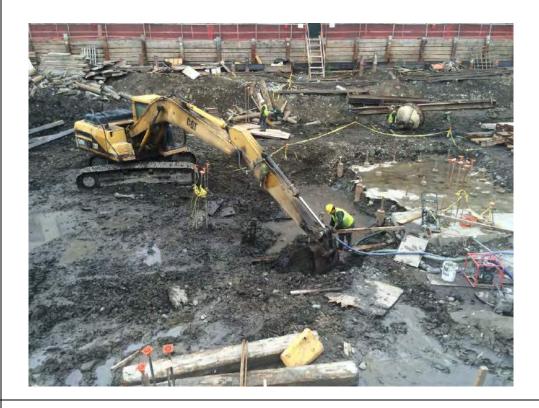


Photo 2 -

View of contractor pouring concrete for the sidewall installation in the southern portion of the Site, facing south.



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Photo 3 -

Additional view of the excavation area, facing southwest.

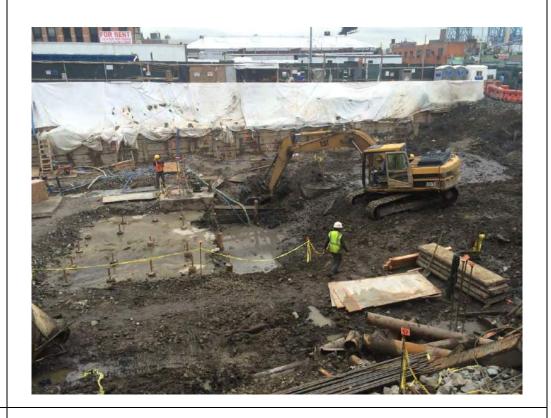


Photo 4 –

View of the Site, facing south.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	(Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-50	į	50-70	70-85	Χ	>85	
WIND	NE 5 10 m	nh						

NYSDEC Project No:	C203057	OER E-Number:	E-2	E-227		06/17/2016
Location:	255 E. 138 th Street, Bro	nx. New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:							
Environmental Consultant:	Inspector(s):						
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	Wang Technology Paul Tapias – Inspector						
Contractor:	Subcontractor(s):						
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.						
Safety Officer	Erlandsen-Crowell & Shaw, LLP						
Alex Adduci – Project Manager	Andrew – Surveyor						
Edwin – Security Fritz – Laborer							
Ronmel Cimpoberde – Laborer							

Equipment on Site:	
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

<u>Description of Work Performed:</u>

- -The contractor excavated soil for one (1) pile cap along the northern boundary of the Site and for the elevator pit installation in the central portion of the Site.
- -The contractor removed formwork from the sidewalls in the southern corner of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Page 1 of 5 File Name: <u>Daily Field Report 06/17/2016</u>

Material Delivered to Site:

-Approximately 50 cubic yards of three (3) to five (5)-inch stone was imported to the Site from the Hamburg Quarry located in Hamburg, New Jersey.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B2, B3, B4, C2, E1, and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

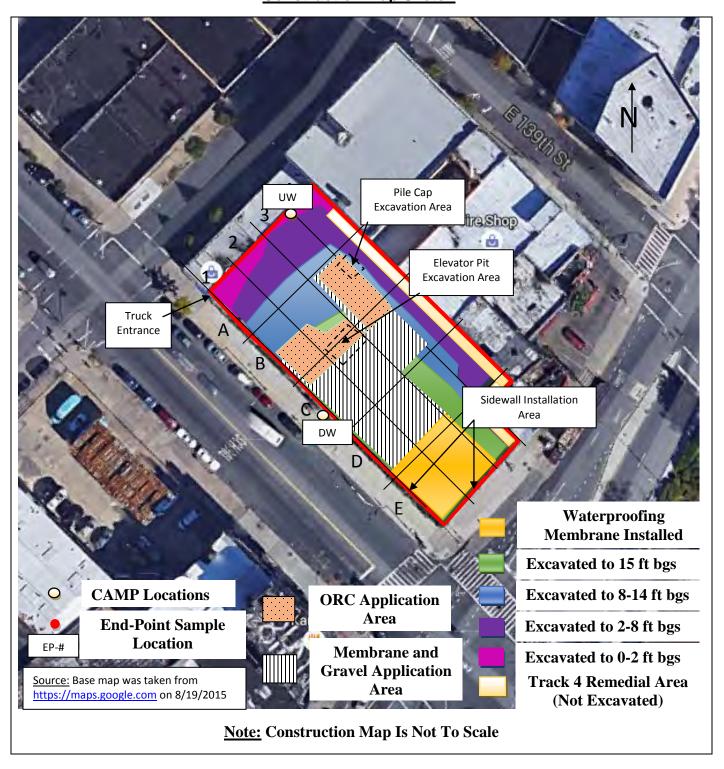
Description of Upcoming Work Activities (Monday, June 20, 2016):

- -Pour concrete for the elevator pit in the central portion of the Site.
- -Continue dewatering operations.

	Clean Earth (Carteret, Ne (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
l	-	-								
Total	501	12,525								
* = cubic vard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil for the elevator pit installation in the central portion of the Site, facing northeast.



Photo 2 -

View of the contractor excavating soil in the northern portion of the Site for the pile cap installation, facing southwest.



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Photo 3 –

Additional view of the excavation area, facing southwest.



Photo 4 –

View of the installed sidewalls in the southern portion of the Site, facing south.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50	50-70	70-85	Х	>85	
WIND	NE 10-15	mph	1					

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	06/22/2016	
Location:	255 F 138 th Street Bro	ny New York	loh:	Excavation of N	VSDEC	BCP # C203057	

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	Wang Technology
Monica Norton – Geologist	Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp.	Scalpel Construction, Inc.
Ratko Krneta – Construction Site Superintendent & Safety Officer	Erlandsen-Crowell & Shaw, LLP
Alex Adduci – Project Manager	Andrew – Surveyor
Edwin – Security	,
Fritz – Laborer	
Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor installed the Preprufe 300R waterproofing membrane, manufactured by Grace, along the base and the sidewalls of the elevator pit in the central portion of the Site.
- -The contractor installed a pile cap and grade beam along the northern boundary of the Site.
- -The contractor continued to install formwork and rebar in the southern corner of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

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Material Delivered to Site:
-No material was delivered to the Site.
Material Removed From Site:
-No material was removed from the Site.
Working In Grid #s: E1 and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed because no soil excavation activities occurred today.

Problems Encountered:

-None.

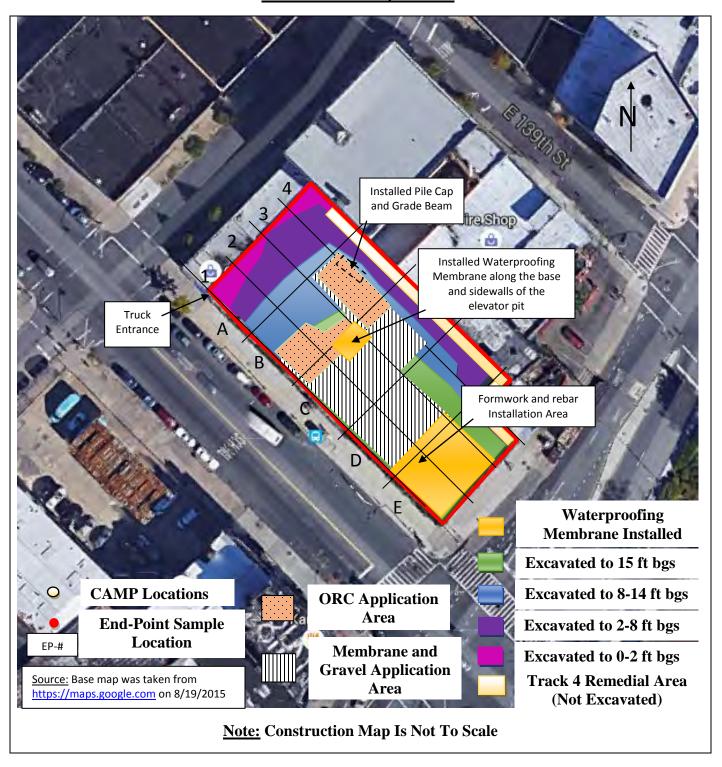
Description of Upcoming Work Activities (Thursday, June 23, 2016):

- -Excavate soil in the western and northern portions of the site and remove approximately 15 truck-loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -Continue to install formwork and rebar in the southern corner of the Site.
- -Continue dewatering operations.

	Clean Earth Carteret, N (Non-Hazar	ew Jersey [*]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
loday	-	-								
Total	501	12,525								
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received									

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

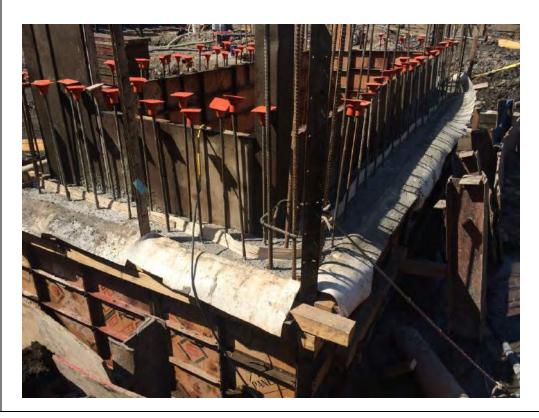
Photo 1 –

View of the installed elevator pit in the central portion of the Site, facing west.



Photo 2 –

Close-up view of the waterproofing membrane installed along the sidewalls of the elevator pit in the central portion of the Site.



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Photo 3 –

View of the waterproofing membrane installed at the base of the elevator pit.



Photo 4 -

View of the installed pile cap and grade beam along the northern boundary of the Site, facing southeast.



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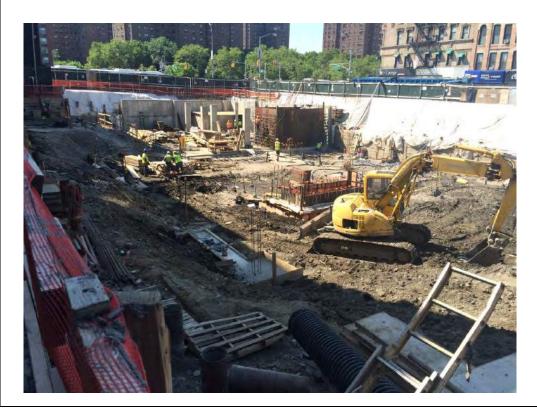
Photo 5 –

View of the contractors installing formwork and rebar in the southern portion of the Site, facing south.



Photo 6 -

View of the Site, facing south.



Page 6 of 6 File Name: <u>Daily Field Report 06/22/2016</u>

Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Х	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	Х	>85	
WIND	ESE 4-6 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	06/23/2016
Location:	255 E 138 th Street Bro	loh:	Excavation of N	VSDEC	BCP # C203057	

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager	Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor
Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the western portion of the Site and removed 15 truck-loads of non-hazardous soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -The contractor continued to install formwork and rebar and continued to pour concrete for the interior cellar walls in the southern corner of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Page 1 of 6 File Name: <u>Daily Field Report 06/23/2016</u>

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-15 truck-loads of non-hazardous material were disposed of off-site at the Clean Earth of Carteret Facility, located in Carteret, New Jersey.

Working In Grid #s: A1, A2, B1, B2, E1 and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

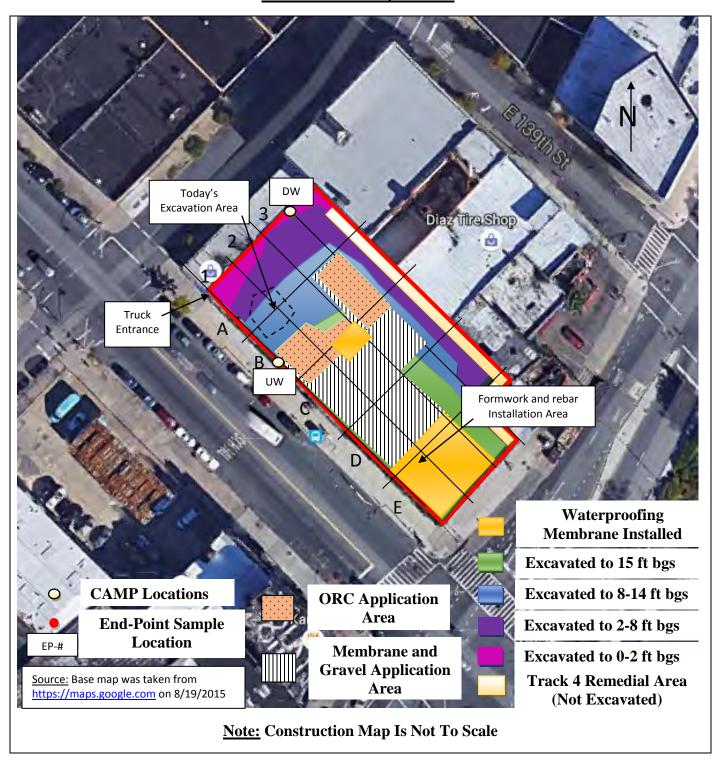
Description of Upcoming Work Activities (Friday, June 24, 2016):

- -Excavate soil in the central and western portions of the Site for the installation of grade beams and pile caps.
- -Continue to install formwork and rebar in the southern corner of the Site.
- -Continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [*]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	15	375								
Total	516	12,900								
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received									

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 6 File Name: <u>Daily Field Report 06/23/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing north.



Photo 2 –

Additional view of the contractor excavating soil in the western portion of the Site, facing northeast.



Page 4 of 6 File Name: <u>Daily Field Report 06/23/2016</u>

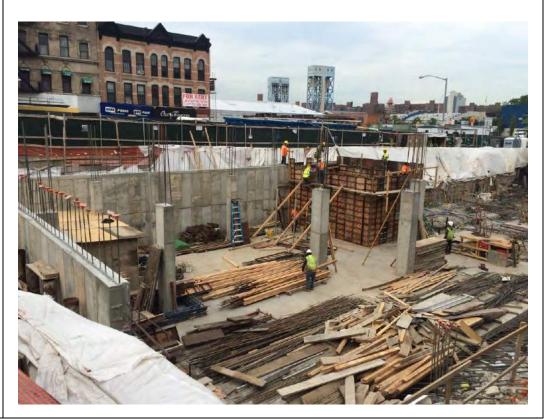
Photo 3 –

View of the contractor directly loading material for off-site disposal, facing north.



Photo 4 –

View of the contractor installing formwork and rebar in the southern portion of the Site, facing west.



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Photo 5 –

View of the Site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	Х
TEMP.	0 TO 32		32-50		50-70		70-85	Χ	>85	
WIND	ESE 9-11 mph									

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	Wang Technology
Monica Norton – Geologist	Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer	Erlandsen-Crowell & Shaw, LLP
Alex Ádduci – Project Manager	Andrew – Surveyor
Edwin – Security	
Fritz – Laborer	
Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil in the central and western portions of the Site for the installation of two (2) pile caps and one (1) grade beam.
- -The contractor continued to install formwork in the southern corner of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Page 1 of 5 File Name: <u>Daily Field Report 06/24/2016</u>

Material Delivered to Site:
-No material was delivered to the Site.
Material Removed From Site:
-No material was removed from the Site.
Working In Grid #s: B1, C3, E1 and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

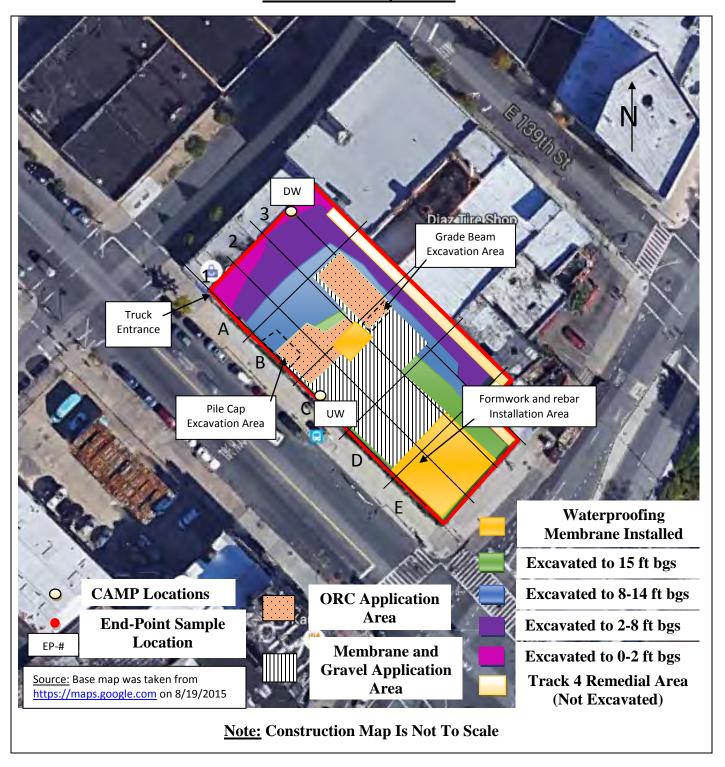
Description of Upcoming Work Activities (Monday, June 27, 2016):

- -Continue to excavate soil in the central and western portions of the Site for the installation of grade beams and pile caps.
- -Continue to install formwork and rebar in the southern corner of the Site.
- -Continue dewatering operations.

	Clean Earth Carteret, N (Non-Hazar	ew Jersey [*]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
loday	-	-								
Total	516	12,900								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 06/24/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

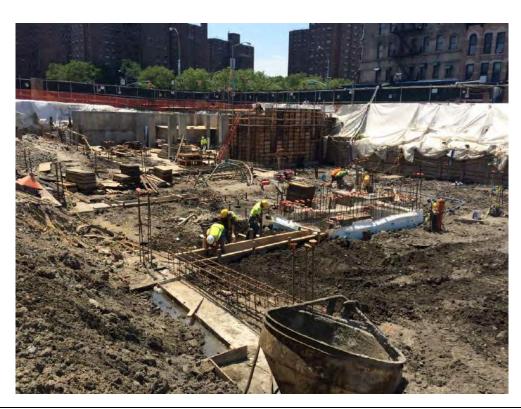
Photo 1 –

View of the contractor excavating soil for the grade beam installation in the central portion of the Site, facing south.



Photo 2 –

View of the grade beam installation in the central portion of the Site, facing south.



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Photo 3 –

View of the contractor excavating soil for a pile cap along E. 138th Street, facing southeast.



Photo 4 –

View of the Site, facing southeast.



Page 5 of 5 File Name: <u>Daily Field Report 06/24/2016</u>

Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Overcast		Partly Cloudy		Bright Sun	Х
TEMP.	0 TO 32		32-50		50-70		70-85	Χ	>85			
WIND	SW 9-14 r	SW 9-14 mph										

	SDEC oject No:	C203057	OER E-Number:	E-227		Date:	06/27/2016
Lo	cation:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	Wang Technology
Monica Norton – Geologist	Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer	Erlandsen-Crowell & Shaw, LLP
Alex Adduci – Project Manager	Andrew – Surveyor
Edwin – Security	
Fritz – Laborer	
Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor graded soil and installed formwork in the western and central portions of the Site in preparation for the mud/rat slab installation.
- -The contractor installed one (1) pile cap and three (3) grade beams in the central portion of the Site.
- -The contractor continued to install the underground utility conduits along the southern boundary of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Page 1 of 5 File Name: Daily Field Report 06/27/2016

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B1, C3, E1 and E2.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

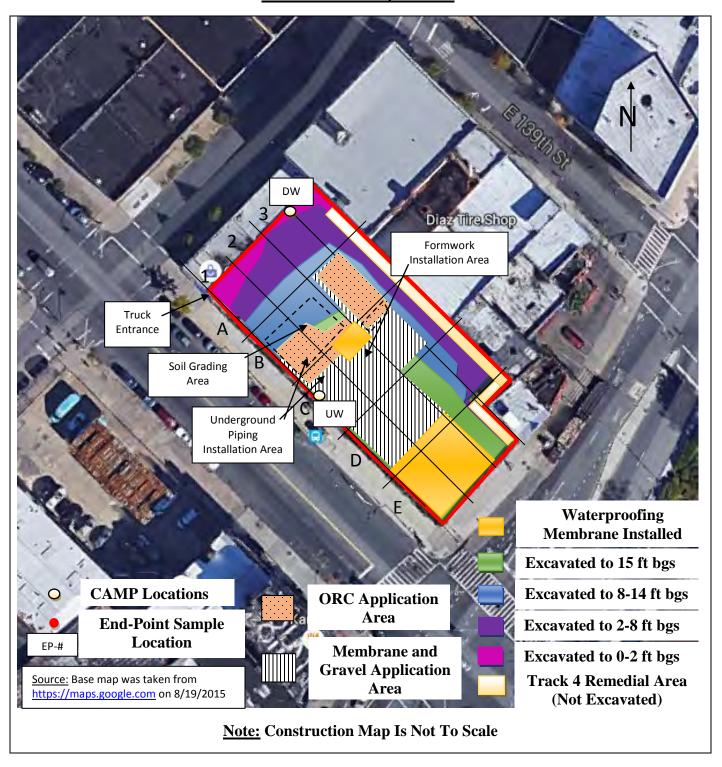
Description of Upcoming Work Activities (Tuesday, June 28, 2016):

- -Pour the mud slab in the central portion of the Site and install the waterproofing membrane on top of the mud slab.
- -Continue dewatering operations.

	Clean Earth Carteret, N (Non-Hazar	ew Jersey [*]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
loday	-	-								
Total	516	12,900								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 06/27/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the installed pile cap and grade beams in the central portion of the Site, facing north.

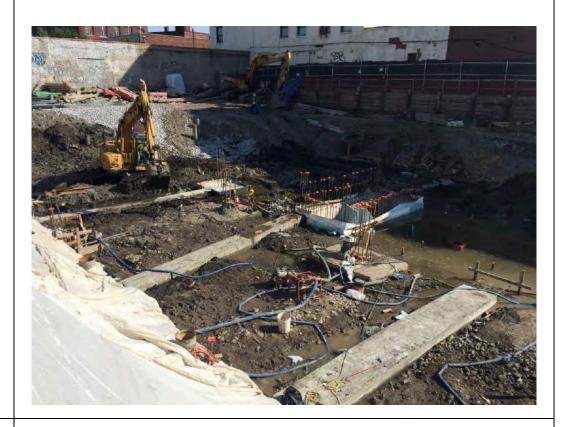


Photo 2 –

View of the contractor grading soil in the western portion of the Site, facing northeast.



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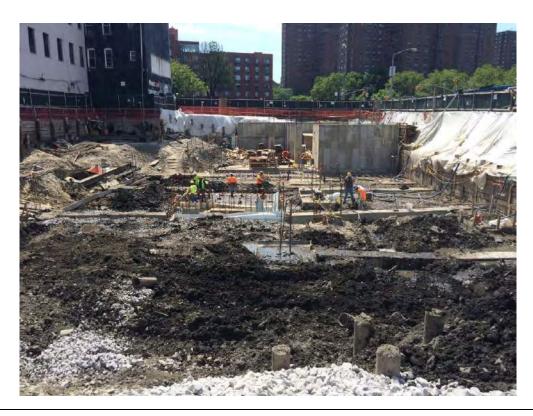
Photo 3 -

View of the contractor installing underground utility conduits along the southern boundary of the Site, facing northeast.



Photo 4 -

View of the Site, facing southeast.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Х	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	Х	>85	
WIND	SSE 5-13 mph									

NYSDEC Project No:	C203057	OER E-Numbe	r:	E-2	27	Date:	07/01/2016
Location:	255 E. 138 th Street. Bro	55 E. 138 th Street, Bronx, New York			Excavation of N	YSDEC	BCP # C203057

Personnel On Site:							
Environmental Consultant:	Inspector(s):						
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	Wang Technology Paul Tapias – Inspector						
Contractor:	Subcontractor(s):						
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.						

Equipment on Site:	
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor installed the concrete mud/rat slab, Preprufe 300R waterproofing membrane, manufactured by Grace, and rebar in the central portion of the Site.
- -No excavation activities occurred and no fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Page 1 of 5 File Name: Daily Field Report 07/01/2016

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B1, B2, B3, C1, C2, C3, D1, D2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was not performed because no soil excavation activities occurred today.

Problems Encountered:

-None.

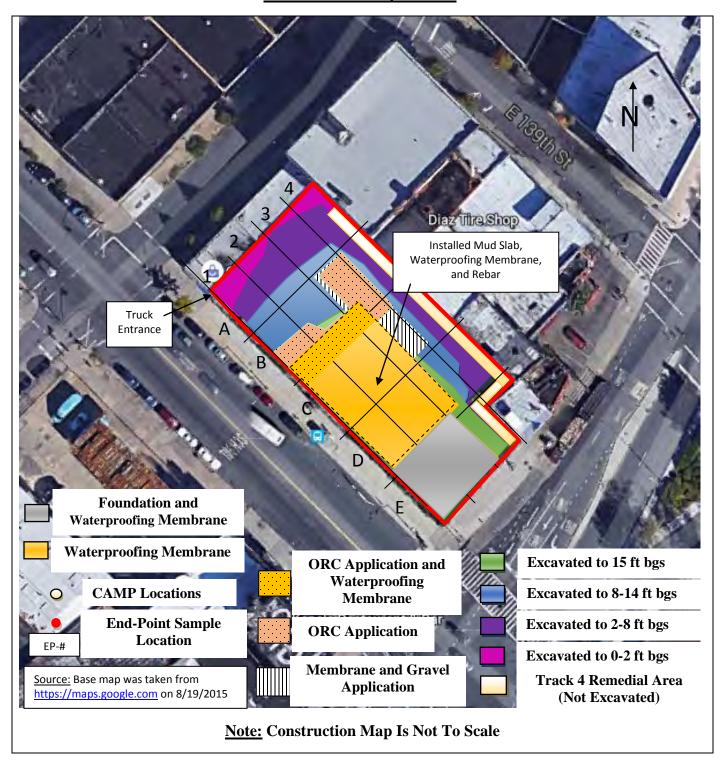
Description of Upcoming Work Activities (Next Week):

- -The contractor anticipates to continue to install rebar and pour concrete for the installation of the foundation slab in the central portion of the Site.
- -The contractor plans to continue to excavate soil in the western and northeastern portions of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
, caa,	-	-								
Total	516	12,900								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 07/01/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the installed waterproofing membrane and rebar in the central portion of the Site, facing east.

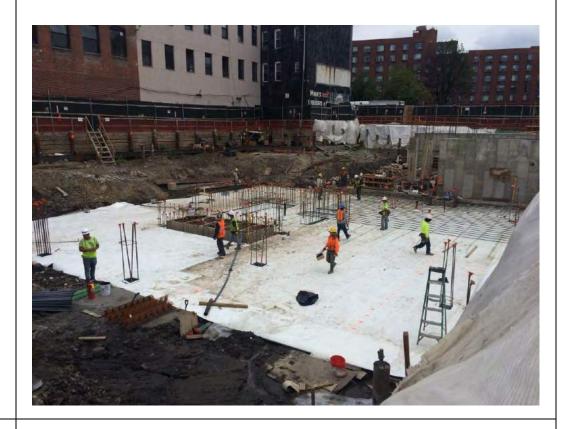


Photo 2 –

Close-up view of the installed Preprufe 300R Waterproofing Membrane, the Bituthene Liquid Membrane, and the Preprufe Tape LT.



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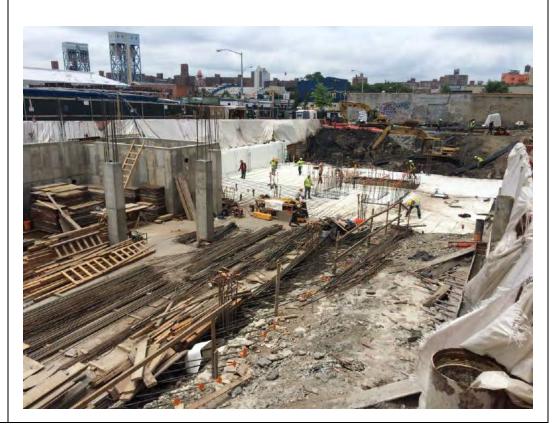
Photo 3 -

Close-up view of the installed waterproofing membrane and the Preprufe Tape LT surrounding the elevator pit in the central portion of the Site.



Photo 4 -

View of the Site, facing west.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Bright Sun	Х
TEMP.	0 TO 32	32-50	50-70	70-85	>85	Х
WIND	NE 4-9 mp	oh				

NYSDEC Project No:	C203057	OER E-Number:	E-2	E-227		07/08/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
•	roundwaterTreatment and Technology, LLC lewatering Storage and Treatment Tanks

Description of Work Performed:

- -Since the last report, the contractor installed the foundation slab on top of the waterproofing membrane in the central portion of the site.
- -The contractor excavated soil in the northeastern corner of the Site.
- -The contractor installed rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Page 1 of 6 File Name: <u>Daily Field Report 07/08/2016</u>

Equipment Removed From Site: -No equipment was removed from the Site. Material Delivered to Site: -No material was delivered to the Site. Material Removed From Site: -No material was removed from the Site. Working In Grid #s: B2, B3, C2, C3, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

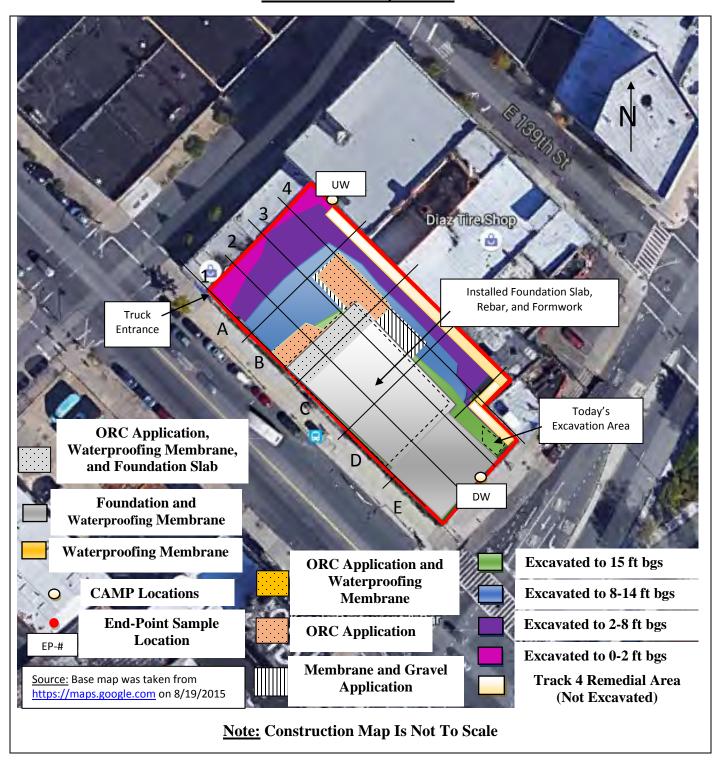
Description of Upcoming Work Activities (Monday, July 11, 2016):

- -The contractor anticipates to continue to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.
- -The contractor plans to continue to excavate soil in the northeastern portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	516	12,900								
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received									

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

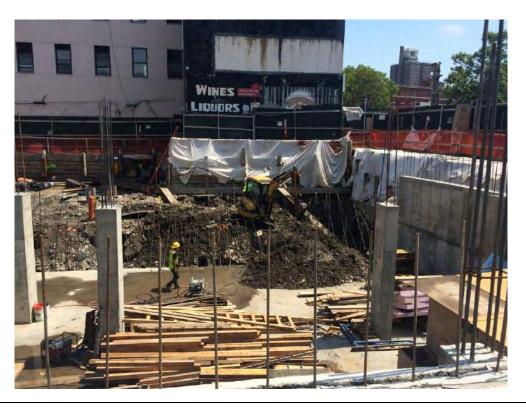
Photo 1 –

View of the installed foundation slab in the central portion of the Site, facing east.



Photo 2 -

View of the contractor excavating soil in the northeastern corner of the Site, facing northeast.



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Photo 3 -

Additional view of the contractor excavating soil in the northeast corner of the Site.



Photo 4 -

View of the contractor installing rebar and formwork for the elevator pit, stairwell, and southern sidewall in the central portion of the Site, facing southwest.



Page 5 of 6 File Name: <u>Daily Field Report 07/08/2016</u>

Photo 5 –

View of the Site, facing northwest.



Page 6 of 6 File Name: <u>Daily Field Report 07/08/2016</u>

Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-50	50-70	70-85	Χ	>85	
WIND	N 7-9 mph						

NYSDEC Project No:	C203057	OER E-Number:	E-2	E-227		07/11/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc. Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor

Equipment on Site:								
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks							

Description of Work Performed:

- -The contractor continued to excavate soil in the northeastern corner of the Site.
- -The contractor continued to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Page 1 of 5 File Name: Daily Field Report 07/11/2016

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: B1, B2, B3, C1, C2, C3, and E3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

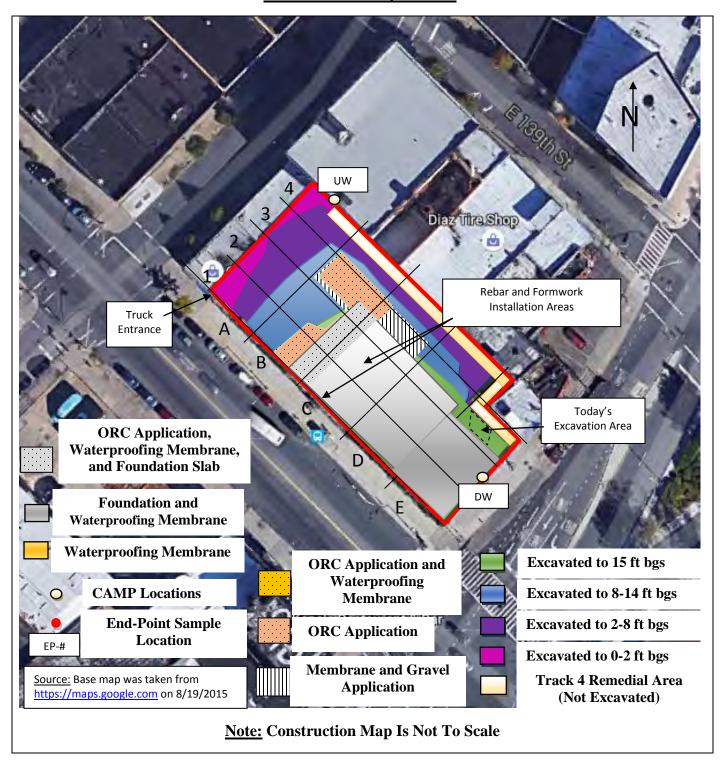
Description of Upcoming Work Activities (Tuesday, July 12, 2016):

- -The contractor plans to begin lagging installation along the western boundary of the adjacent building located at 2557 Third Avenue in the northeastern portion of the Site.
- -The contractor anticipates to continue to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth Carteret, Ne (Non-Hazar	ew Jersey [*]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	516	12,900								
* = cubic ya	rd totals are	approxim	ate sinc	e counte	rsigned r	nanifests	have ye	t to been	received	

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

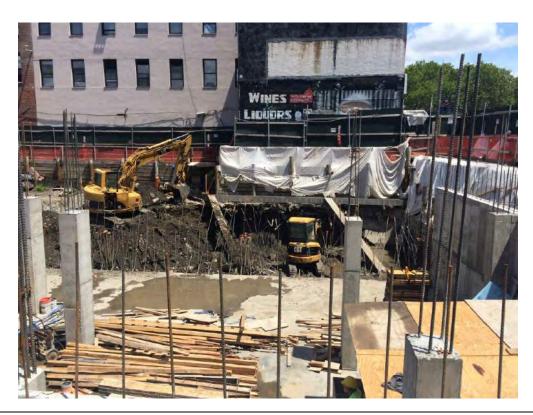
Photo 1 –

View of the contractor excavating soil in the northeastern corner of the Site, facing north.



Photo 2 -

Additional view of the contractor excavating soil in the northeastern corner of the Site, facing northeast.



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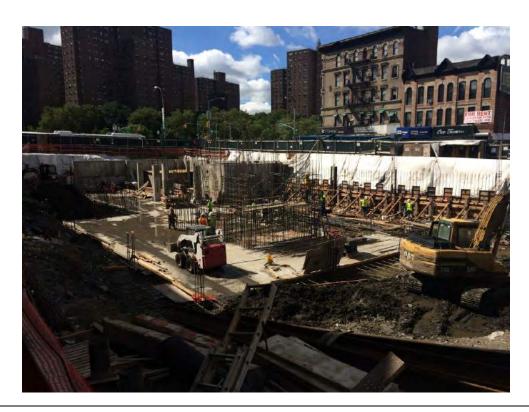
Photo 3 –

Additional view of the excavation area in the northeastern portion of the Site, facing northwest



Photo 4 –

View of the contractor installing rebar and formwork for the elevator pit, stairwell, and southern sidewall in the central portion of the Site, facing south.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50	50-70	70-85	Х	>85	
WIND	S 7-13 mpl	h						

NYSDEC Project No:	C203057	OER E-Number:	E-2	E-227		07/13/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Alex Adduci – Project Manager	Scalpel Construction, Inc.
Edwin – Security	Erlandsen-Crowell & Shaw, LLP
Fritz – Laborer	Andrew – Surveyor
Ronmel Cimpoberde – Laborer	

Equipment on Site:						
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks					

Description of Work Performed:

- -The contractor excavated soil along the along the western boundary of the adjacent building located at 2557 Third Avenue in the northeastern portion of the Site and in the western portion of the Site.
- -The contractor directly loaded five (5) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- -The contractor welded a vertical beam to the cross-brace and installed lagging near the western boundary of the adjacent building located at 2557 Third Avenue in the northeastern portion of the Site between approximately five (5) and 14 feet below grade surface (bgs).
- -The contractor continued to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

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Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of forms were delivered to the Site.

Material Removed From Site:

-Five (5) truck-loads of non-hazardous material was removed off-site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.

Working In Grid #s: A1, A2, B1, B2, B3, C1, C2, C3, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

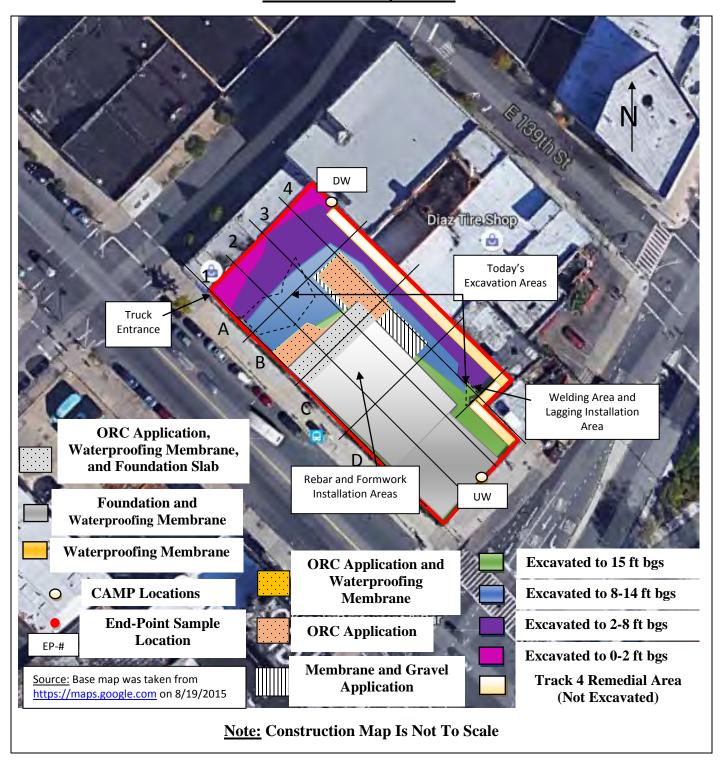
Description of Upcoming Work Activities (Thursday, July 14, 2016):

- -The contractor plans to continue lagging installation along the western boundary of the adjacent building located at 2557 Third Avenue in the northeastern portion of the Site.
- -The contractor plans to continue excavating soil in the western portion of the Site and remove approximately 15 truck-loads of material off-site to the Clean Earth of Carteret Facility located in the Bronx, NY.
- -The contractor anticipates to continue to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey								
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today										
	5	125								
Total	521	13,025								
*	* subjected to the property of									

* = cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing northeast.

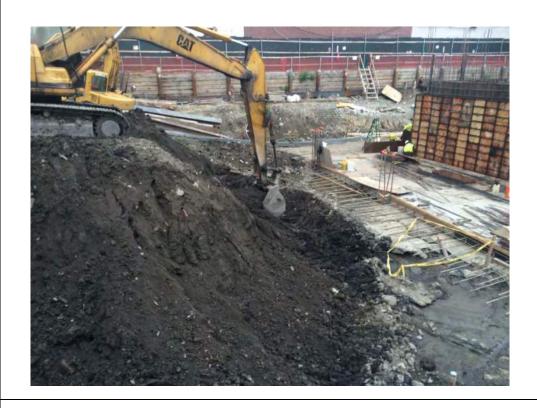


Photo 2 -

View of the contractor directly loading material for off-site disposal, facing west.



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Photo 3 –

View of the contractor installing rebar and formwork for the elevator and stairwell in the central portion of the Site, facing northwest.



Photo 4 –

View of the concretegrouted sidewall, facing northeast.



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Photo 5 –

View of the contractor excavating in the northeast corner of the site, facing northwest.



Page 6 of 6 File Name: <u>Daily Field Report 07/13/2016</u>

Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32	32-50		50-70		70-85		>85	Х
WIND	SW 6-11 m	SW 6-11 mph							

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	07/14/2016
Location:	255 E. 138 th Street. Bro	38 th Street, Bronx, New York		Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Alex Adduci – Project Manager	Scalpel Construction, Inc.
Edwin – Security	Erlandsen-Crowell & Shaw, LLP
Fritz – Laborer	Andrew – Surveyor
Ronmel Cimpoberde – Laborer	

Equipment on Site:						
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks					

Description of Work Performed:

- -The contractor excavated soil in the western portion of the site between approximately five (5) and 14 feet below grade surface (bgs).
- -The contractor directly loaded 15 trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- -The contractor continued to install lagging along the western boundary of the adjacent building located at 2557 Third Avenue in the northeastern portion of the Site between approximately five (5) and 14 feet bgs.
- -The contractor continued to install rebar and formwork for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Page 1 of 5 File Name: <u>Daily Field Report 07/14/2016</u>

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of forms were delivered to the Site.

Material Removed From Site:

-15 truck-loads of non-hazardous material was removed off-site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.

Working In Grid #s: A1, A2, B1, B2, B3, C1, C2, C3, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, July 15, 2016):

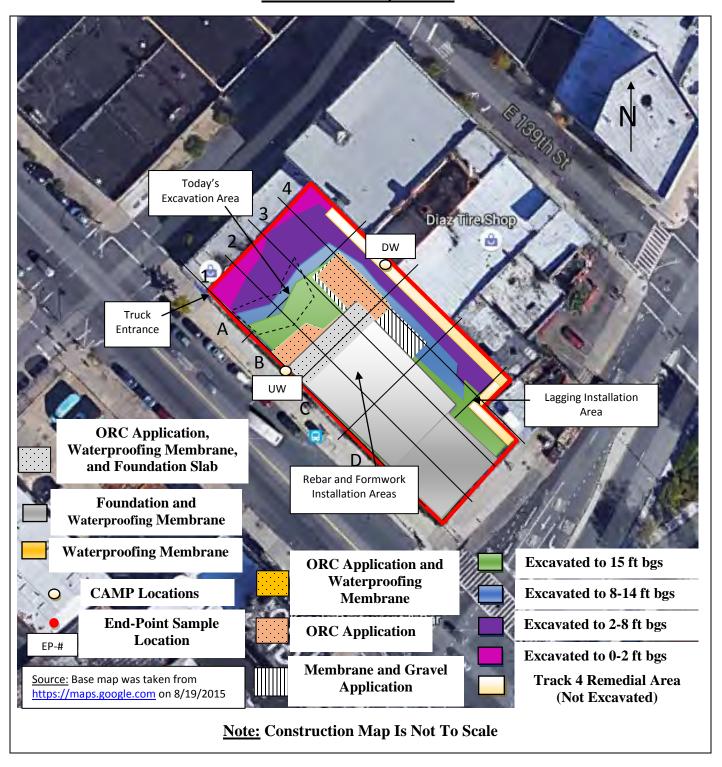
- -The contractor plans to excavate soil in the northeastern portion of the Site for the installation of two (2) pile caps.
- -The contractor also plans to pour concrete for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	15	375								
Total	536	13,400								
* 06	* cubic your totals are approximate since countersigned manifests have yet to been received									

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

Page 2 of 5 File Name: Daily Field Report 07/14/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: Daily Field Report 07/14/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing north.



Photo 2 –

View of the contractor applying the BioSolve Pinkwater to the excavation area, facing north.



Page 4 of 5 File Name: <u>Daily Field Report 07/14/2016</u>

Photo 3 –

View of the installed lagging along the western boundary of the building located at 2557 Third Avenue in the northeastern portion of the Site, facing northeast.



Photo 4 -

View of the Site, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85		>85	Χ
WIND	WNW 2-8	WNW 2-8 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	07/15/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Alex Adduci – Project Manager	Scalpel Construction, Inc.
Edwin – Security	Erlandsen-Crowell & Shaw, LLP
Fritz – Laborer	Andrew – Surveyor
Ronmel Cimpoberde – Laborer	

Equipment on Site:						
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks					

Description of Work Performed:

- -The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the northeastern portion of the Site for the installation of a pile cap.
- -The contractor continued to install formwork for the installation of the elevator and stairwell in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-A 10 cubic-yard roll-off container was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Page 1 of 4 File Name: <u>Daily Field Report 07/15/2016</u>

Material Delivered to Site: -No material was delivered to the Site. Material Removed From Site: -No material was removed from the Site. Working In Grid #s: C1, C2, and D3.

Samples Collected:

-No samples were collected today.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

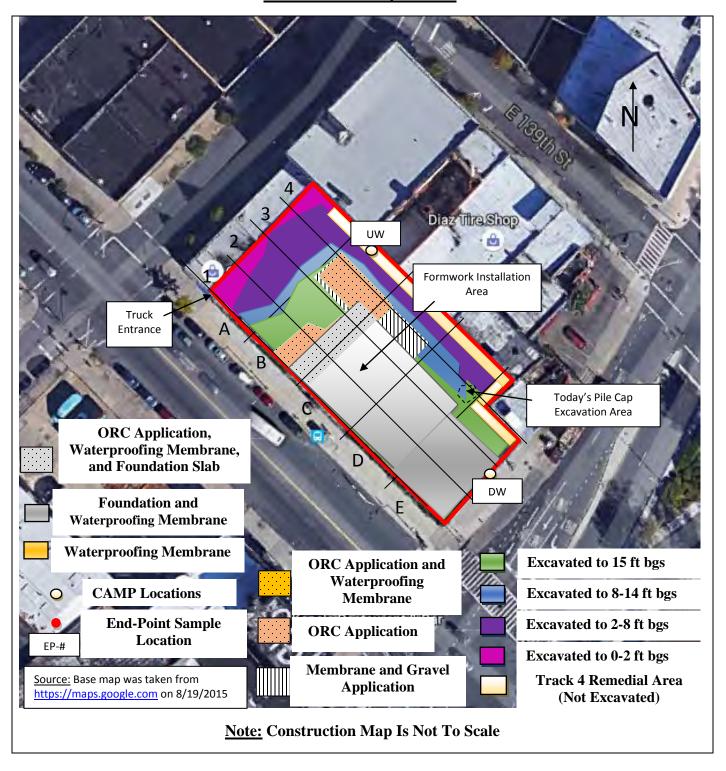
Description of Upcoming Work Activities (Next Week):

- -The contractor plans to pour concrete for the installation of the elevator, stairwell, and southern foundational sidewall in the central portion of the Site.
- -The contractor also plans to install rakers along the northern boundary of the Site, pile caps in the northeastern portion of the Site, and continue to install the foundation slab in the northeastern corner of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, No. (Non-Hazare	ew Jersey [°]								
Tada	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	536	13,400								
* = cubic ya	rd totals are	approxim	ate sinc	e counte	rsigned r	nanifests	have ye	t to been	received	

Page 2 of 4 File Name: Daily Field Report 07/15/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 4 File Name: Daily Field Report 07/15/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

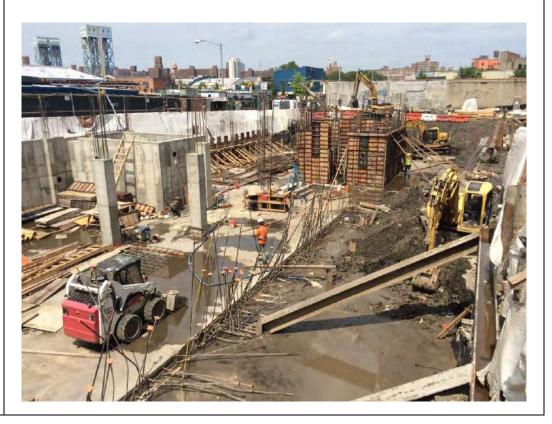
Photo 1 –

View of the contractor excavating soil in the northeast portion of the Site for a pile cap installation, facing north.



Photo 2 -

View of the Site, facing west.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-50	50-70	70-85	Χ	>85	
WIND	SW 0-10 m	nh					

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	07/19/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager	Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor
Edwin – Security	·
Fritz – Laborer	
Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the northwestern portion of the Site for the installation of one (1) pile cap.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap excavation.
- -The contractor also excavated between zero (0) and six (6) feet along the western Site boundary for the installation of a second (2nd) pile cap.
- -The contractor poured concrete into both pile caps.
- -The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

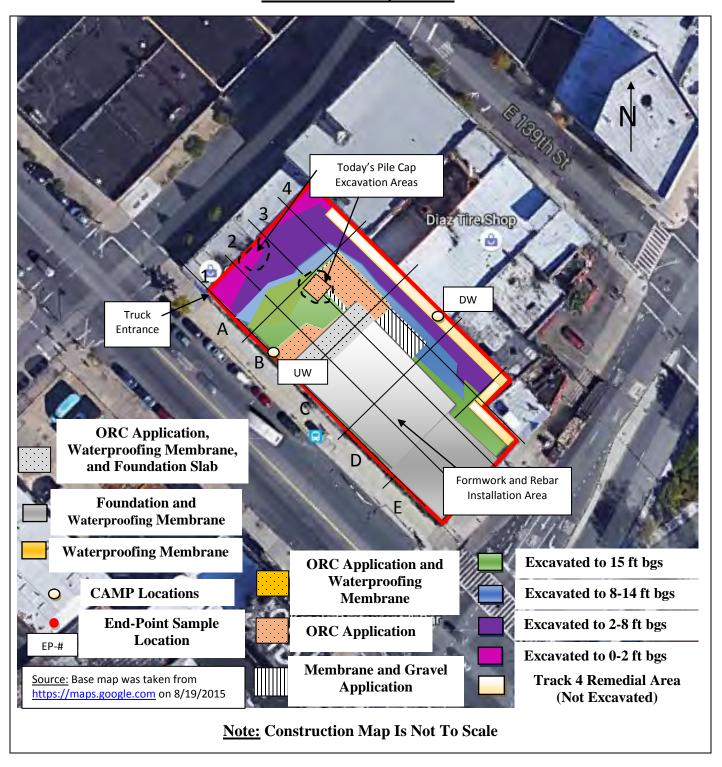
BRINKERHOFF ENVIRONMENTAL SERVICES, INC.

			DAIL	FIELD A	CHVITY	KEPORT				
Equipment D	elivered to	<u>Site:</u>								
- None										
Equipment R	<u>Removed Fro</u>	om Site:								
-No equipme	nt was remo	oved from	the Site) .						
Material Deli	vered to Site	<u>e:</u>								
-A truck-load	of steel wa	s delivere	d to the	Site.						
Material Ren	noved From	Site:								
-One (1) pick	cup truck co	ntaining so	crap me	tal and c	oncrete v	was remo	ved from	n the Site		
Working In G	Grid #s: A2, I	B2, B3, C	1-3, D1-	3, E1-3.						
Samples Col	lected:									
-No samples	were collec	ted today								
Community A	Air Monitorin	ng Plan (C	AMP):							
-CAMP was	performed a	and there v	were no	VOC or	PM-10 e	xceedanc	es.			
Problems En	countered:									
-None.										
Description of	of Upcoming	Work Act	ivities (Tomorrov	v, July 20	0, 2016):				
-The contracthe SiteThe contractentral portion-The contractentracters	tor also plar on of the site	ns to insta from five	ll formw (5) to 1	ork for th 0 feet bg	e installa s.					
	Clean Earth o	of Carteret								
	Carteret, Ne (Non-Hazar	ew Jersey								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds

	Clean Earth Carteret, N (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roddy	-	-								
Total	536	13,400								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

= cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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File Name: Daily Field Report 07/19/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

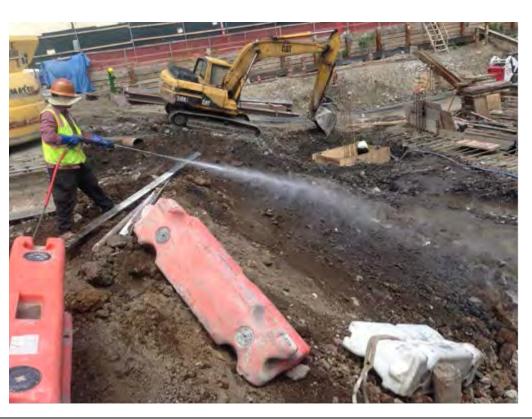
Photo 1 –

View of the contractor excavating soil in the northwest portion of the Site for the installation of a pile cap, facing northeast.



Photo 2 –

View of the contractor applying Biosolve Pinkwater to suppress the generation of odors.



Page 4 of 6 File Name: <u>Daily Field Report 07/19/2016</u>

Photo 3 –

View of the contractor pouring concrete into the pile cap, facing southwest.

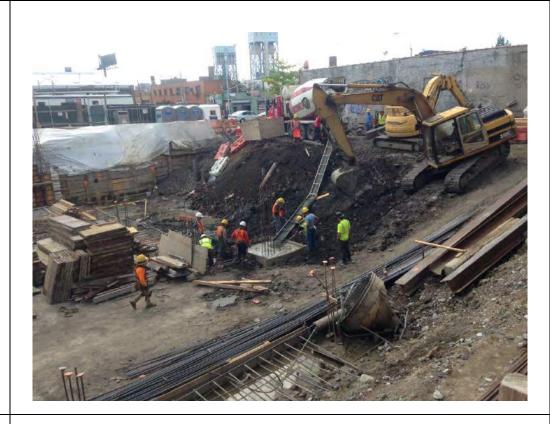


Photo 4 -

View of the contractor excavating soil along the western boundary of the Site for the installation of a pile cap, facing northwest.



Page 5 of 6 File Name: <u>Daily Field Report 07/19/2016</u>

Photo 5 –

View of the excavated area along the western boundary of the site.



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File Name: ____Daily Field Report 07/19/2016_

Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Bright Sun	Х
TEMP.	0 TO 32	32-50	50-70	70-85	>85	Χ
WIND	SW 0-5 mp	h				

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	07/21/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager Edwin – Security	Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor
Fritz – Laborer Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the western portion of the Site for the installation of two (2) pile caps.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of both pile cap excavations.
- -The contractor poured concrete into both pile caps.
- -The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:
- None
Equipment Removed From Site:
-No equipment was removed from the Site.
Material Delivered to Site:
-None
Material Removed From Site:
-None
Working In Grid #s: A2, B2, B3, C1-3, D1-3, E1-3.

Samples Collected:

- One (1) endpoint sample, identified as EP-21, was collected and submitted to the laboratory for analysis of Target Compound List (TCL), Target Analyte List (TAL), Hexavalent Chromium and Trivalent Chromium parameters. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

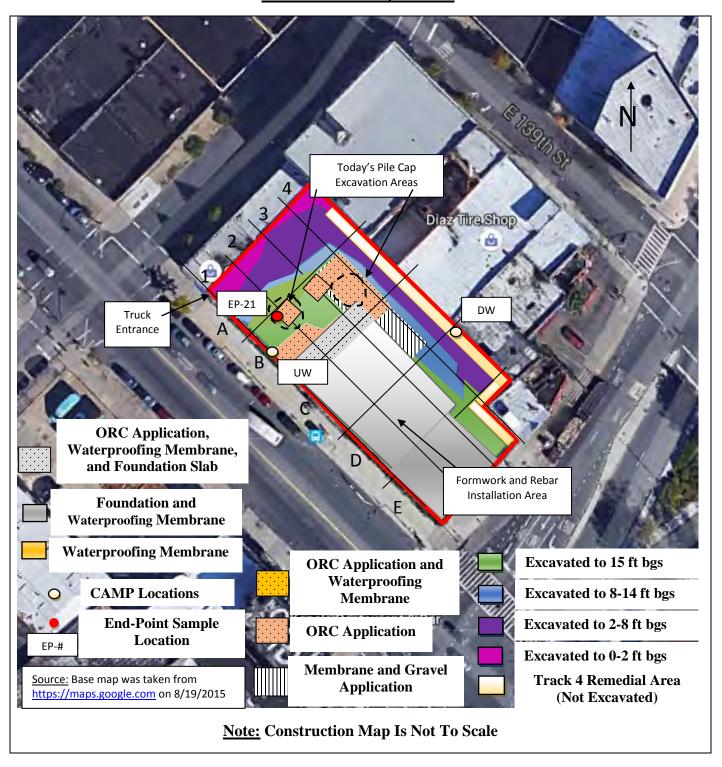
Description of Upcoming Work Activities (Tomorrow, July 22, 2016):

- -The contractor plans to continue soil excavation for the installation of pile caps.
- -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	536	13,400								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5

File Name: Daily Field Report 07/21/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the western portion of the Site for the installation of a pile cap, facing northeast.

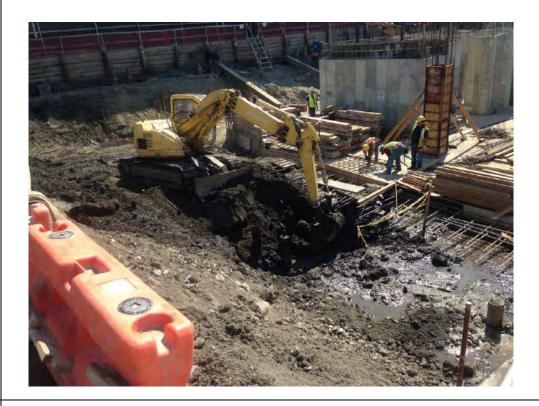


Photo 2 -

View of the contractor applying and hand-mixing the ORC into the soil at the base of the pile cap excavation.



Page 4 of 5 File Name: <u>Daily Field Report 07/21/2016</u>

Photo 3 –

View of the formwork and rebar installation, facing east.



Page 5 of 5

File Name: ____Daily Field Report 07/21/2016_

Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50		50-70		70-85		>85	Х
WIND	SW 0-10 m	SW 0-10 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	07/22/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager	Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor
Edwin – Security	·
Fritz – Laborer	
Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	GroundwaterTreatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Genslo rebar bender	

Description of Work Performed:

- -The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the western portion of the Site for the installation of one (1) pile cap.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap excavation
- -The contractor poured concrete into the pile cap.
- -The contractor installed rebar and the Preprufe 300R waterproofing membrane, manufactured by Grace, above the mud slab in the northeastern portion of the Site.
- -The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- A Genslo rebar bender was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-A truck-load of rebar was delivered to the Site.

Material Removed From Site:

-A 20 cubic yard (yd³) roll-off container loaded with scrap wood and garbage was removed from the Site.

Working In Grid #s: A2, B2, B3, C1-3, D1-3, E1-3.

Samples Collected:

- None

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

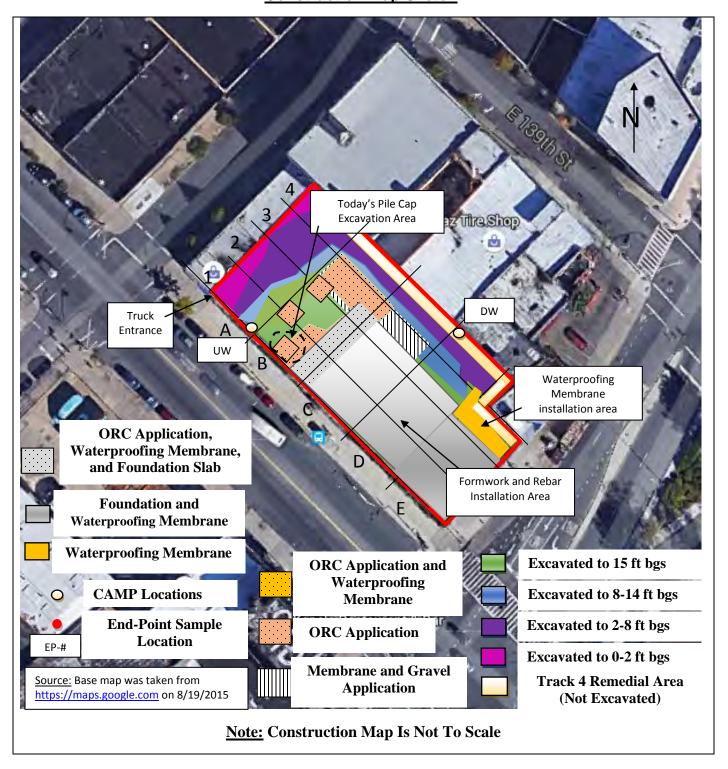
Description of Upcoming Work Activities (Monday, July 25, 2016):

- -The contractor plans to perform minimal soil excavation for the installation of lagging along the southwestern boundary of the Site.
- -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
loday	-	-								
Total	536	13,400								
*	" +0+0 0 0 " 0	00000000	-1:		"a:a:a a a l	:tt-	h 01/0 1/0	440 6000	*************	

= cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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File Name: <u>Daily Field Report 07/22/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

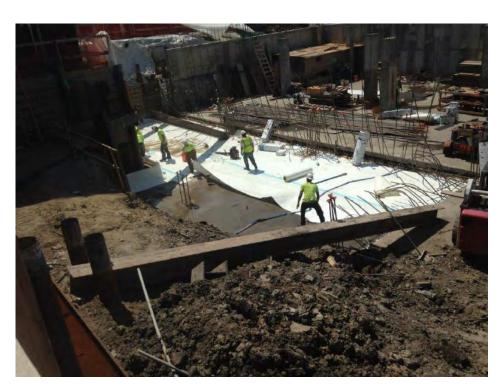
Photo 1 –

View of the contractor excavating soil in the western portion of the Site for the installation of a pile cap, facing east.



Photo 2 -

View of the Preprufe 300R waterproofing membrane installation in the northeast corner of the site, facing southeast.



Page 4 of 6

File Name: <u>Daily Field Report 07/22/2016</u>

Photo 3 –

View of the contractor applying Preprufe Tape LT to join layers of the waterproofing membrane.



Photo 4 -

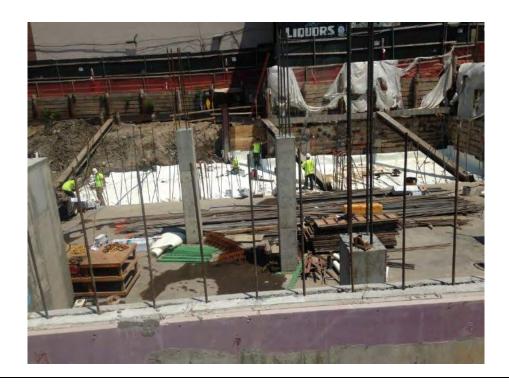
View of the raker installation along the northern boundary of the site, facing southeast.



Page 5 of 6 File Name: <u>Daily Field Report 07/22/2016</u>

Photo 5 –

View of the installed Preprufe 300R waterproofing membrane in the northeast corner of the site, facing northeast.



Page 6 of 6

File Name: Daily Field Report 07/22/2016

Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy	X	Bright Sun	
TEMP.	0 TO 32	32-50	50-70	70-85	Х	>85	
WIND	SW 0-10 m	nph					

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	07/25/2016
Location:	255 E. 138 th Street. Bro	nx. New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager Edwin – Security	Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor
Fritz – Laborer Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	GroundwaterTreatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Genslo rebar bender	

Description of Work Performed:

- -The contractor excavated soil between approximately 10 and 15 feet below grade surface (bgs) along the southwestern boundary of the Site for the installation of lagging.
- -The contractor installed rebar and the Preprufe 300R waterproofing membrane, manufactured by Grace, in the northeast corner of the Site.
- -The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- None

Equipment Removed From Site:
-No equipment was removed from the Site.
Material Delivered to Site:
-None
Material Removed From Site:
-None
Working In Grid #s: A2, B2, B3, C1-3, D1-3, E1-3.

Samples Collected:

- None

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

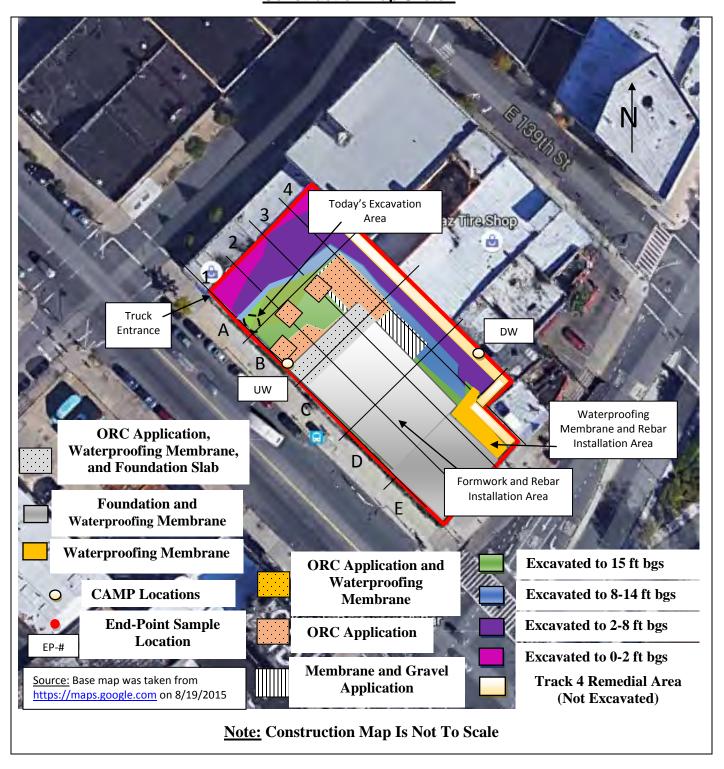
-None.

Description of Upcoming Work Activities (Tomorrow, July 26, 2016):

- -The contractor plans to continue soil excavation for the installation of pile caps in the western portion of the Site.
- -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roddy	-	-								
Total	536	13,400								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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File Name: Daily Field Report 07/25/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil for the lagging installation along the southwestern Site boundary, facing south.



Photo 2 –

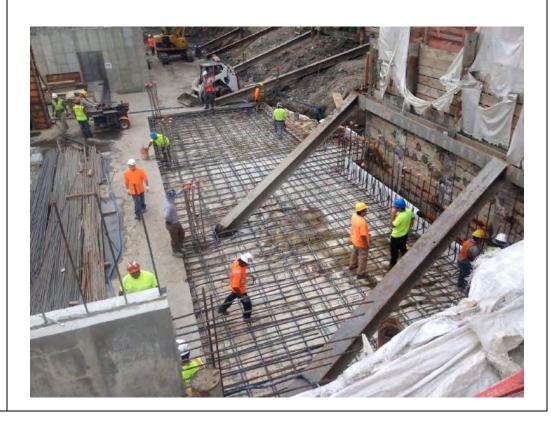
View of the contractor installing lagging along the southwestern Site boundary, facing south.



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Photo 3 –

View of the contractor installing rebar in the northeast corner of the site.



Page 5 of 5

File Name: ____Daily Field Report 07/25/2016_

Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50	50-70	70-85	Х	>85	
WIND	SE 0-10 m	ph						

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	07/26/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:						
Environmental Consultant:	Inspector(s):					
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector					
Contractor:	Subcontractor(s):					
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.					
Safety Officer Alex Adduci – Project Manager Edwin – Security	Erlandsen-Crowell & Shaw, LLP Andrew – Surveyor					
Fritz – Laborer Ronmel Cimpoberde – Laborer						

Equipment on Site:	
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	GroundwaterTreatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

- -The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the western portion of the Site for the installation of one (1) pile cap.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap excavation
- -The contractor poured concrete into the pile cap.
- -The contractor installed formwork and the Preprufe 300R waterproofing membrane, manufactured by Grace, for the foundation wall in the northeastern boundary of the Site.
- -The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

Samples Collected:

- None

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

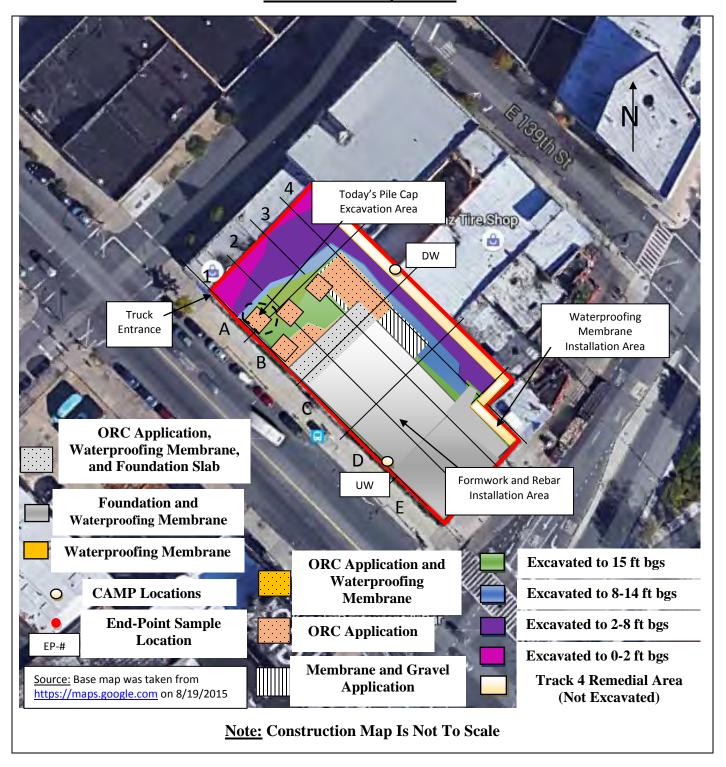
Description of Upcoming Work Activities (Tomorrow, July 27, 2016):

- -The contractor plans to continue soil excavation for the installation of pile caps in the western portion of the Site.
- -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	536	13,400								
* = cubic va	rd totals are	approxim	ate sinc	e counte	rsianed r	nanifests	have ve	t to been	received	

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5

File Name: <u>Daily Field Report 07/26/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the western portion of the Site for the installation of a pile cap, facing west.



Photo 2 –

View of the contractor applying Biosolve Pinkwater to suppress the generation of odors.



Page 4 of 5 File Name: <u>Daily Field Report 07/26/2016</u>

Photo 3 –

View of the contractor installing rakers along the northern boundary of the site, facing northwest.



Photo 4 -

View of the formwork and Preprufe 300R waterproofing membrane installation along the northeast boundary the site, facing north.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50	50-70	70-85	Х	>85	
WIND	NW 0-5 mp	ph						

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	07/27/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:					
Environmental Consultant:	Inspector(s):				
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector				
Contractor:	Subcontractor(s):				
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.				

Equipment on Site:	
Lettire Construction Corp. CAT PC128UU Backhoe CAT 315 L Backhoe 900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer	Groundwater Treatment and Technology, LLC Dewatering Storage and Treatment Tanks

Description of Work Performed:

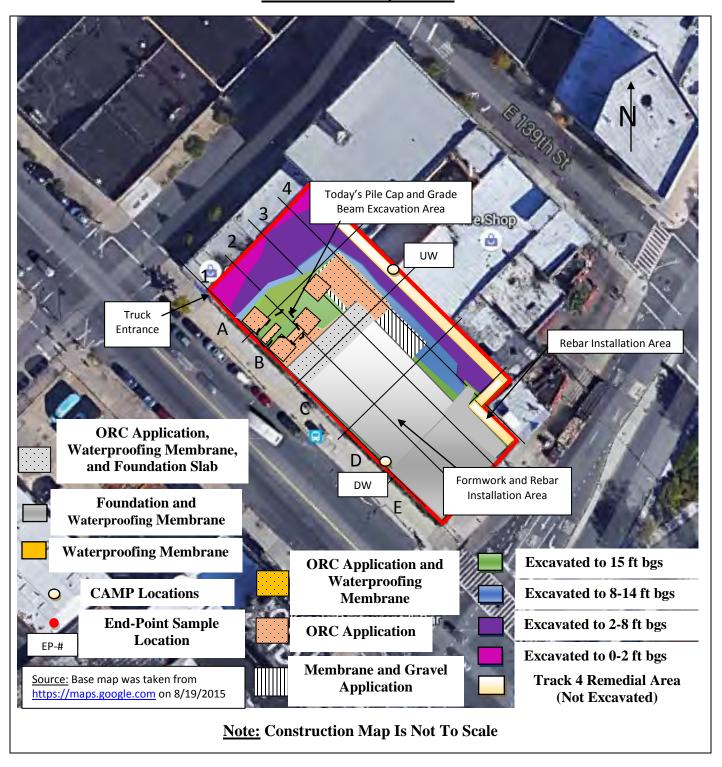
- -The contractor excavated soil between approximately 14 and 18 feet below grade surface (bgs) in the western portion of the Site for the installation of one (1) pile cap.
- -The contractor also excavated soil between approximately 14 and 16 feet bgs in the western portion of the Site for the installation of one (1) grade beam.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap and grade beam excavation.
- -The contractor poured concrete into the pile cap and grade beam.
- -The contractor installed rebar for the foundation wall in the northeastern boundary of the Site.
- -The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

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			DAIL	IIILLDA	CIIVIII	IVEI OIVI				
Equipment D	Delivered to	Site:								
- None										
Equipment F	Removed Fr	om Site:								
-None										
Material Deli	vered to Sit	<u>e:</u>								
-One (1) pick	kup truck co	ntaining p	lywood	was deliv	ered to t	he Site.				
-A truck-load										
Material Ren	noved From	Site:								
-One (1) pick	kup truck co	ntaining s	crap me	tal and c	oncrete v	was remo	ved from	n the Site		
Working In C	Grid #s: B1	C1-3 D1-	3 F1-3							
vvorking in c	JIIG #3. D1,	010, 01	J, L 1 J.							
Samples Co	llected:									
- None										
Community A	Air Monitorir	ng Plan (C	ΔΜΡ).							
		-								
-CAMP was	performed a	and there v	were no	VOC or	PM-10 e	xceedanc	es.			
Problems Er	ncountered:									
-None.										
Description of	of Upcoming	y Work Act	ivities (Tomorrov	v, July 2	8, 2016):				
The centres	stor plana to	romovo 1	O loods	of ooil off	Cito to 1	Cloop For	th of Co	rtorot		
-The contract									sly instal	led
concrete sla		•			ıti o n o			•	•	
-The contrac	tor plans to	continue	aewater	ing opera	itions.					
	Clean Earth Carteret, No (Non-Hazar	ew Jersey								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	536	13 400	l	1				1		

* = cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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File Name: <u>Daily Field Report 07/27/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the western portion of the Site for the installation of a pile cap, facing east.



Photo 2 -

View of the contractor hand-mixing the ORC into the soil at the base of the grade beam excavation.



Page 4 of 5 File Name: <u>Daily Field Report 07/27/2016</u>

Photo 3 –

View of the contractor installing rebar for the installation of the foundation wall in the northeast boundary of the Site, facing northwest.

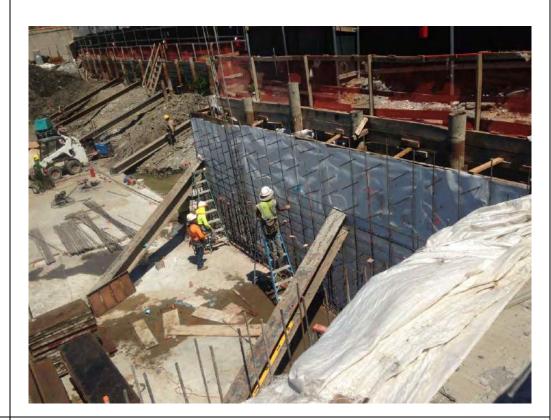
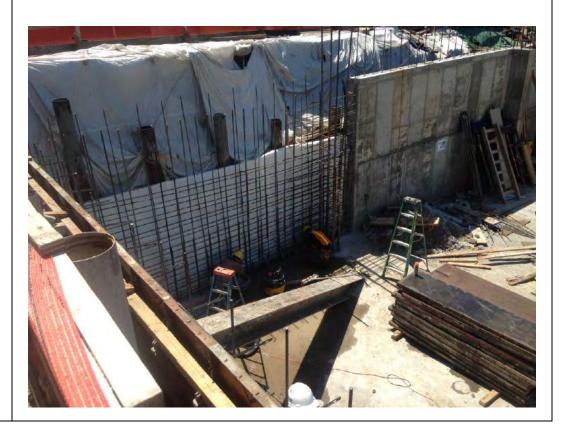


Photo 4 –

View of the contractor installing rebar for the installation of the foundation wall along the eastern boundary of the site, facing southeast.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50	50-70	70-85	Χ	>85	
WIND	SW 0-10 m	nph						

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	07/28/2016
Location:	255 F 138 th Street Bro	nx New York	.lob:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:				
Environmental Consultant:	Inspector(s):			
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector			
Contractor:	Subcontractor(s):			
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.			

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor directly loaded 10 trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- -The contractor also excavated for the installation of lagging along the northern boundary of the Site.
- -The contractor installed formwork for the foundation wall in the northeastern boundary of the Site.
- -The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

- A Bobcat skid steer was delivered to the Site.

Page 1 of 5 File Name: <u>Daily Field Report 07/28/2016</u>

Samples Collected:

Equipment Removed From Site:

- One (1) sidewall endpoint sample, identified as EP-22, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

Working In Grid #s: B1, C1-3, D1-3, E1-3.

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

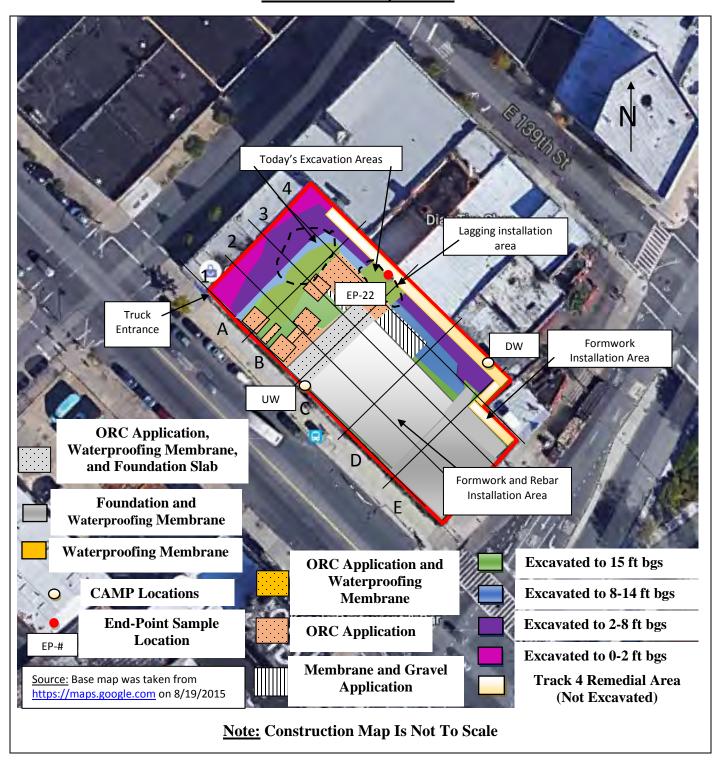
Description of Upcoming Work Activities (Tomorrow, July 29, 2016):

- -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [°]								
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today										
,	10	250								
Total	546	13,650								
* - cubic va	* - cubic yard totals are approximate since countersigned manifests have yet to been received									

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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File Name: Daily Field Report 07/28/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating and directly loading material for off-site disposal in the northwestern portion of the Site, facing south.



Photo 2 –

View of the contractor excavating along the northern boundary of the Site, facing northeast.



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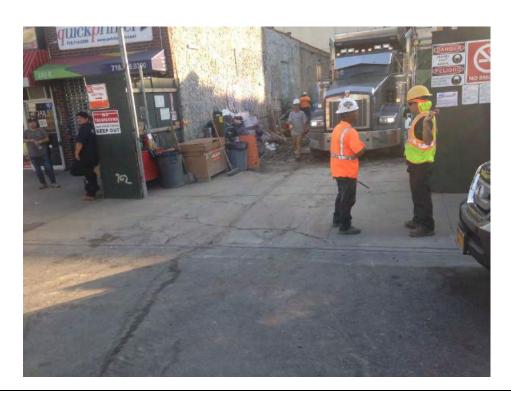
Photo 3 -

View of the lagging installation along the northern boundary of the Site, facing north.



Photo 4 -

View of the clean Site entrance/exit, facing north.



Page 5 of 5 File Name: <u>Daily Field Report 07/28/2016</u>

Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain	Х	Overcast	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32		32-50		50-70	70-85	Х	>85	
WIND	E 0-10 mp	h							

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	08/01/2016
Location:	255 E. 138th Street, Bro	. 138 th Street, Bronx, New York			YSDEC	BCP # C203057

Personnel On Site:					
Environmental Consultant:	Inspector(s):				
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector				
Contractor:	Subcontractor(s):				
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.				

Equipment on Site:					
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC				
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks				
CAT 315 L Backhoe					
900H Sullair Generator					
Clean Force 1800 PSI Power Washer					
LANDA 3500 PSI Power Washer					
Bobcat Skid Steer					

Description of Work Performed:

- -The contractor directly loaded 10 trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- -The contractor also excavated for the installation of lagging along the northern boundary of the Site.
- -The contractor continued to install formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-None

Equipment Removed From Site:

-None

Page 1 of 6 File Name: <u>Daily Field Report 08/01/2016</u>

Material Delivered to Site:

-A truck load of grout and sand was delivered to the Site.

Material Removed From Site:

- -10 truck-loads of non-hazardous material were removed off-site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.
- -A 20 cubic yard (yd³) roll-off container loaded with garbage was removed from the Site.

Working In Grid #s: A1-4, B4, C1-4, D1-3, E1-3.

Samples Collected:

- One (1) sidewall endpoint sample, identified as EP-23, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was not performed due to inclement weather (i.e. Rain).

Problems Encountered:

-None.

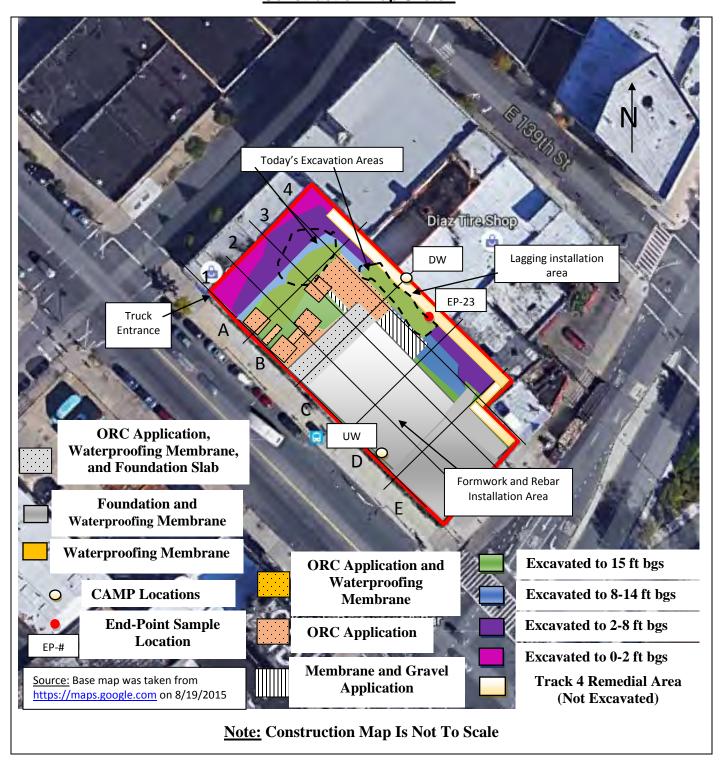
Description of Upcoming Work Activities (Tomorrow, August 2, 2016):

- -The contractor plans to continue soil excavation for the installation of pile caps in the western portion of the Site and the installation of lagging along the northern Site boundary.
- -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth (Carteret, No (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	10	250								
Total	556	13,900								
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received									

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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File Name: Daily Field Report 08/01/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating material for off-site disposal in the northwestern portion of the Site, facing southwest.



Photo 2 –

View of the contractor directly loading material for off-site disposal in the northwestern portion of the Site, facing southwest.



Page 4 of 6 File Name: <u>Daily Field Report 08/01/2016</u>

Photo 3-

View of the contractor applying water to the wheels of an exiting truck, facing northwest.



Photo 4 –

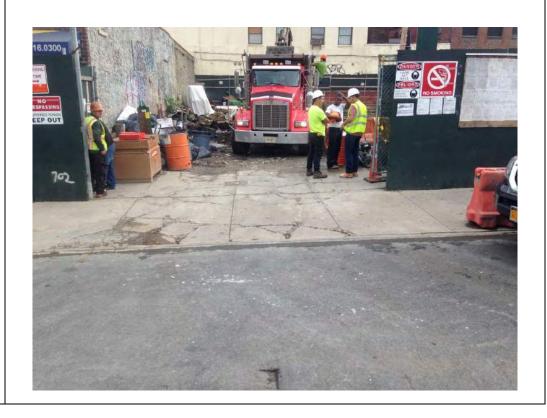
View of the lagging installation along the northern boundary of the Site, facing northeast.



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Photo 5 –

View of the clean Site entrance/exit, facing north.



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File Name: Daily Field Report 08/01/2016

Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rai	n	Overcast	Х	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32	32-	50	50-70		70-85	Χ	>85	
WIND	NE 7.12 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	08/02/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:								
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC							
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks							
CAT 315 L Backhoe								
900H Sullair Generator								
Clean Force 1800 PSI Power Washer								
LANDA 3500 PSI Power Washer								
Bobcat Skid Steer								

Description of Work Performed:

- -The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the western portion of the Site for the installation of one (1) pile cap.
- -The contractor also continued to excavate soil between approximately 10 and 14 feet bgs for the installation of lagging along the northern boundary of the Site.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap excavation area and installed rebar and formwork for the pile cap installation.
- -Additionally, the contractor poured concrete between the foundational sidewall and the lagging along the northeast boundary of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:
-No equipment was delivered to the Site.
Equipment Removed From Site:
-No equipment was removed from the Site.
Material Delivered to Site:
-No material was delivered to the Site.
Material Removed From Site:
-No material was removed from the Site.
Working In Grid #s: A2, A3, B4, C4, and E3.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

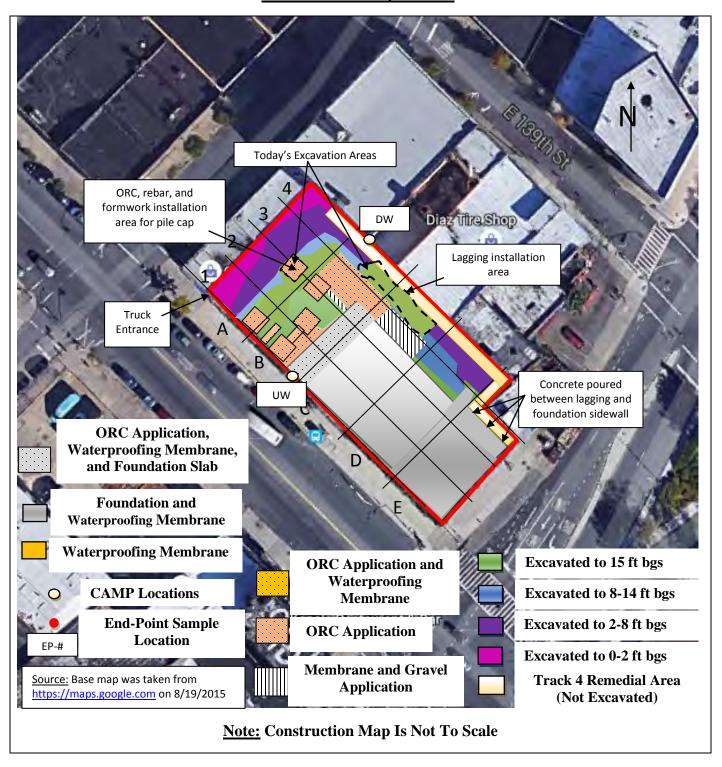
Description of Upcoming Work Activities (Tomorrow, August 3, 2016):

- -The contractor plans to excavate soil in the western portion of the site and remove approximately five (5) truck-loads of material off-site to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor also plans to continue soil excavation for the installation of pile caps in the western portion of the Site and the installation of lagging along the northern Site boundary.
- -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
loday	-	-								
Total	556	13,900								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

Page 2 of 6 File Name: <u>Daily Field Report 08/02</u>/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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File Name: Daily Field Report 08/02/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the pile cap excavation area in the western portion of the Site, facing southwest.



Photo 2 -

Additional view of the pile cap excavation area in the western portion of the Site.



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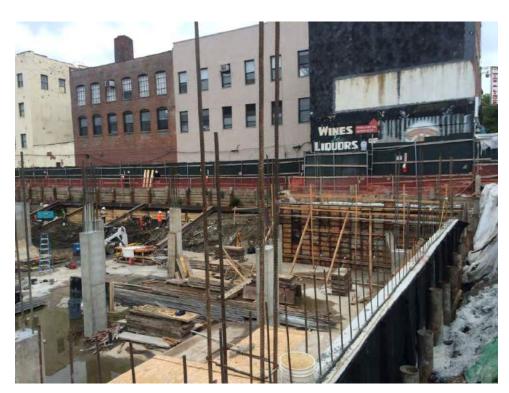
Photo 3-

View of the installed rakers along the northern boundary of the site, facing northwest.



Photo 4 -

View of the installed foundation slab in the northeast corner of the site, facing north.



Page 5 of 6 File Name: <u>Daily Field Report 08/02/2016</u>

Photo 5 –

View of the previously installed Bituthene R Primer B2 LVC waterproofing membrane, manufactured by Grace Industries, installed along the exterior portion of the southern and eastern sidewalls.

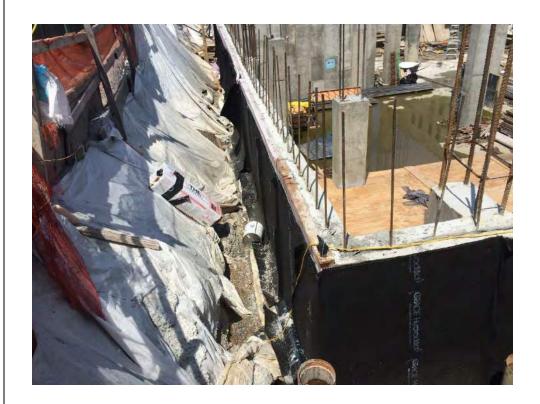


Photo 7 –

View of the contractor pouring concrete between the foundation sidewall and lagging along the northeast boundary of the Site, facing west.



Page 6 of 6 File Name: <u>Daily Field Report 08/02/2016</u>

Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32	32-50	50-70	70-85	Х	>85	
WIND	S 0-10 mp	h					

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	08/03/2016
Location:	255 E. 138 th Street. Bro	nx. New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:							
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC						
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks						
CAT 315 L Backhoe							
900H Sullair Generator							
Clean Force 1800 PSI Power Washer							
LANDA 3500 PSI Power Washer							
Bobcat Skid Steer							

Description of Work Performed:

- -The contractor directly loaded three (3) trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- -The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the western portion of the Site for the installation of a grade beam.
- -The contractor also continued to excavate soil between approximately 10 and 14 feet bgs for the installation of lagging along the northern boundary of the Site.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the grade beam excavation area and installed rebar and formwork for the grade beam installation.
- -The contractor poured concrete into the grade beam.
- -No fugitive dust was observed throughout the day.

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Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-Three (3) truck-loads of non-hazardous material were removed off-site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.

Working In Grid #s: A1-4, B2-4, C1-4, D1-3 and E1-3.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC exceedances. 15-minute average PM-10 exceedances occurred from 08:56 to 15:10; however, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction. No other 15-minute average PM-10 exceedances were observed for the remainder of the day.

Problems Encountered:

-None.

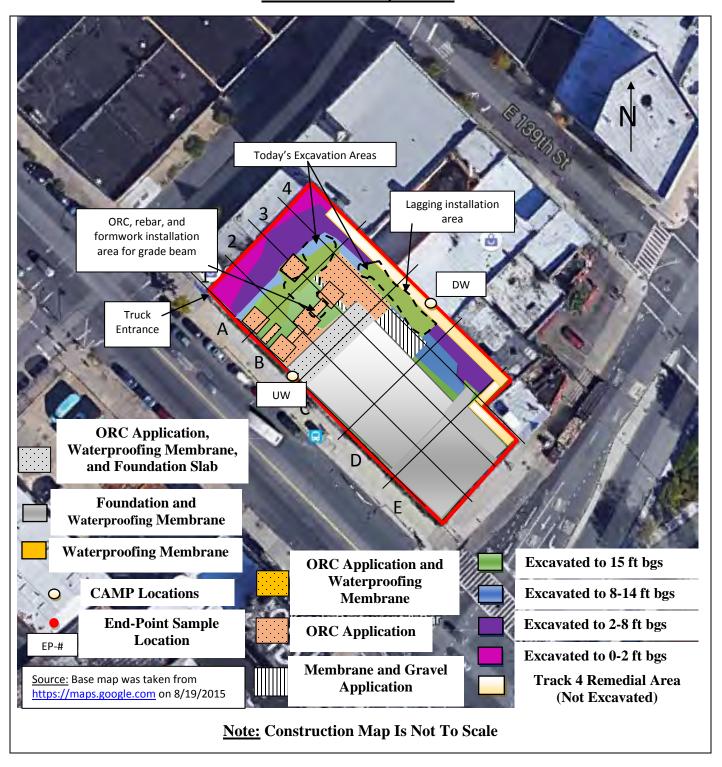
Description of Upcoming Work Activities (Tomorrow, August 4, 2016):

- -The contractor plans to excavate soil in the western portion of the site and remove approximately six (6) truck-loads of material off-site to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor also plans to continue soil excavation for the installation of pile caps in the western portion of the Site and the installation of lagging along the northern Site boundary.
- -The contractor plans to continue installation of formwork and rebar above the previously installed concrete slab in the central portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	3	75								
Total	559	13,975								
* - cubic vo	* - cubic yeard totals are approximate since countersigned manifests have yet to been received									

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 08/03/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating and directly loading material for off-site disposal in the western portion of the Site, facing west.



Photo 2 -

View of the contractor applying water to an exiting truck on the truck wash pad, facing northwest.



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Photo 3-

View of the contractor excavating in the western portion of the site, facing west.



Photo 4 –

View of the contractor installing lagging along the northern Site boundary.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy		Bright Sun	Х
TEMP.	0 TO 32		32-50	50-70	70-85	Χ	>85	
WIND	E 0-10 mp	h						

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	08/04/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:							
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC						
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks						
CAT 315 L Backhoe							
900H Sullair Generator							
Clean Force 1800 PSI Power Washer							
LANDA 3500 PSI Power Washer							
Bobcat Skid Steer							

Description of Work Performed:

- -The contractor directly loaded 16 trucks for off-site disposal to Clean Earth of Carteret in Carteret, New Jersey.
- -The contractor excavated soil to approximately 18 feet below grade surface (bgs) in the western portion of the Site for the installation of a pile cap.
- -The contractor also continued to excavate soil between approximately 10 and 14 feet bgs for the installation of lagging along the northern boundary of the Site. Additionally, the contractor placed grout by hand behind the lagging.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap excavation area and installed rebar and formwork for the pile cap installation.
- -The contractor poured concrete into the pile cap.
- -No fugitive dust was observed throughout the day.

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Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-No material was delivered to the Site.

Material Removed From Site:

-16 truck-loads of non-hazardous material were removed off-site to the Clean Earth of Carteret Facility, located in Carteret, New Jersey.

Working In Grid #s: A1-4, B3-4 and C3-4

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC exceedances. 15-minute average PM-10 exceedances occurred from 08:39 to 15:30; however, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction. No other 15-minute average PM-10 exceedances were observed for the remainder of the day. The Dust Trak II Aerosol Monitor has been sent to the equipment manufacturer for repair and a new Dust Trak II Aerosol will be utilized for use tomorrow.

Problems Encountered:

-None.

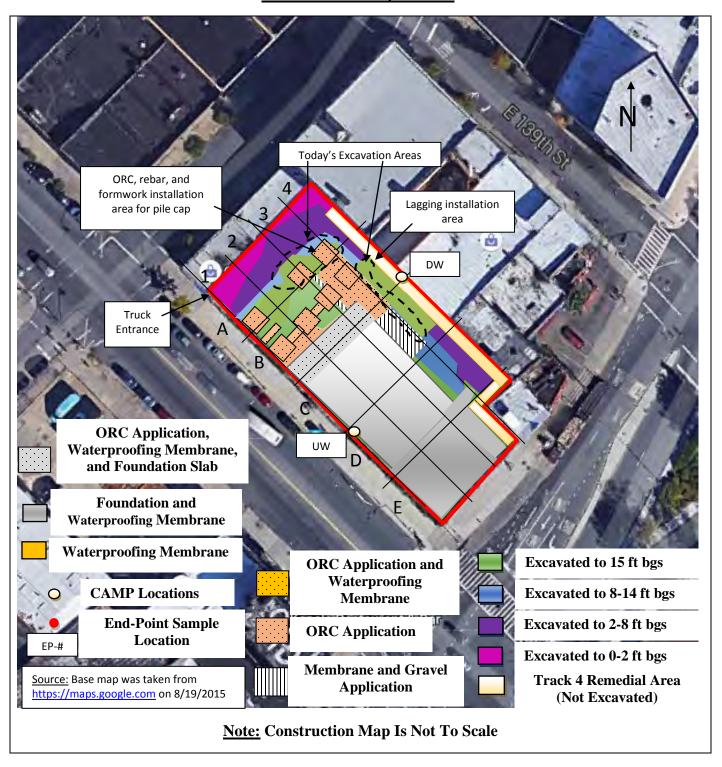
Description of Upcoming Work Activities (Tomorrow, August 5, 2016):

- -The contractor plans to excavate soil in the western portion of the site and remove approximately three (3) truck-loads of material off-site to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor also plans to continue soil excavation for the installation of pile caps in the western portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth of Carteret, Non-Hazard	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roday	16	400								
Total	575	14,375								
* - cubic vai	* = cubic yard totals are approximate since countersigned manifests have yet to been received									

= cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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File Name: Daily Field Report 08/04/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 -

View of the contractor excavating material for off-site disposal in the western portion of the Site, facing northwest.

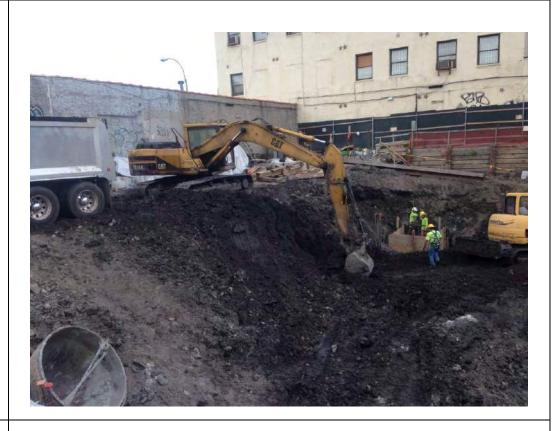


Photo 2 –

View of the contractor directly loading material for off-site disposal in the western portion of the Site, facing northwest.



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Photo 3 -

View of the clean Site entrance/exit, facing east.



Photo 4-

View of the contractor placing grout behind the lagging.



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Photo 5 –

View of the contractor installing lagging along the northern Site boundary.



Photo 6 -

View of the contractor pouring concrete into the pile cap.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32	32-50	50-70	70-85	Х	>85	
WIND	SW 0-10 m	nph					

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	08/05/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated soil to approximately 18 feet below grade surface (bgs) in the western portion of the Site for the installation of two (2) grade beams.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the two (2) grade beam excavation areas and installed rebar and formwork for the two (2) grade beam installations.
- -The contractor poured concrete into the two (2) grade beams.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

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Equipment Removed From Site:
-No equipment was removed from the Site.
Matarial Dalivared to Cita
Material Delivered to Site:
-No material was delivered to the Site.
Material Removed From Site:
Waterial Removed From Site.
-No material was removed from the Site.
The material was removed from the site.
Working In Grid #s: A3 and B3
Samples Collected:
Samples Collected:
-None.
THORIC.
Community Air Monitoring Plan (CAMP):
-CAMP was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

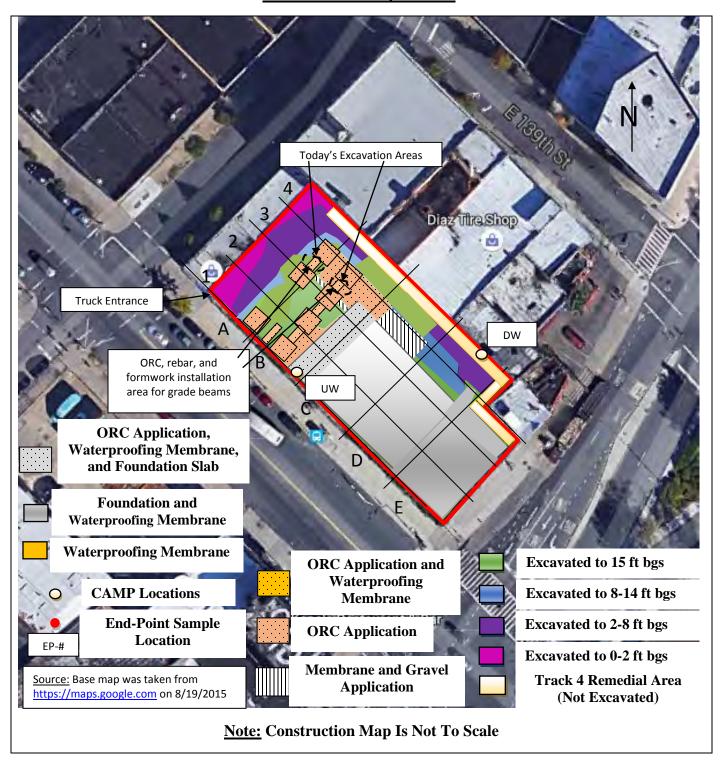
Description of Upcoming Work Activities (Monday, August 8, 2016):

- -The contractor plans to continue soil excavation for the installation of pile caps in the western portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth Carteret, N (Non-Hazar	ew Jersey [*]									
Todov	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds	
Today	-	-									
Total	575	14,375									
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received										

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

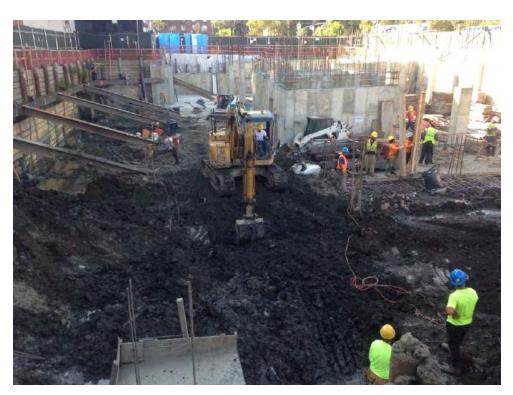
Photo 1 –

View of the contractor excavating material in the western portion of the Site for the installation of the first grade beam, facing southwest.



Photo 2 -

View of the contractor excavating material in the western portion of the Site for the installation of the second grade beam, facing east.



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Photo 3 –

View of the contractor installing rebar and formwork for the grade beams in the western portion of the Site, facing west.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Ra	ain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32	2-50	50-70	70-85	Х	>85	
WIND	NE 0-5 mn	h						

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	08/08/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor imported four (4) loads of 2-2.5-inch virgin stone from the Hamburg Quarry in Hamburg, NJ.
- -The contractor excavated soil to approximately 18 feet below grade surface (bgs) in the western portion of the Site for the installation of a pile cap.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap excavation area and installed rebar and formwork for the pile cap installation.
- -The contractor poured concrete into the pile cap.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

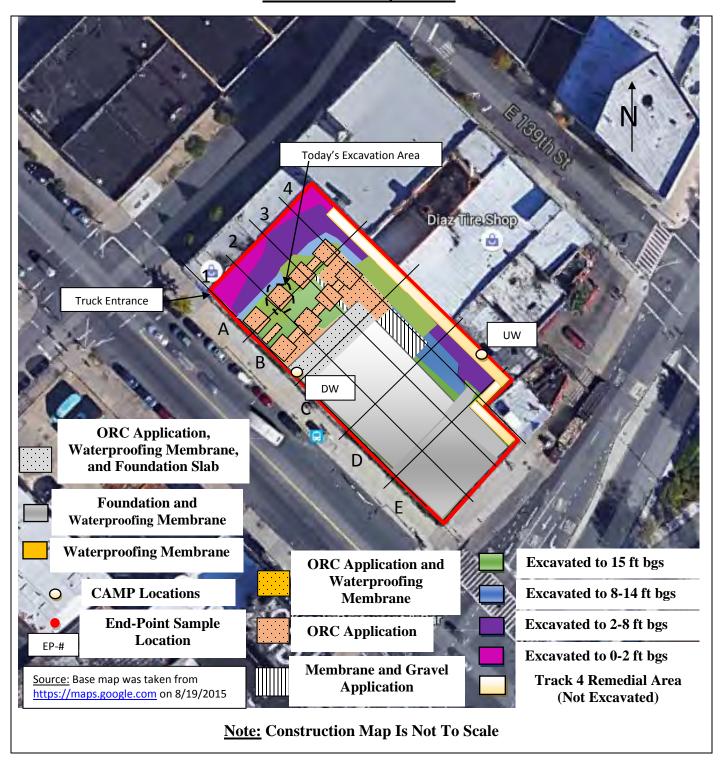
Page 1 of 5 File Name: <u>Daily Field Report 08/08/2016</u>

Equipment Removed From Site: -No equipment was removed from the Site. Material Delivered to Site: -Four (4) loads of 2-2.5 inch virgin stone from the Hamburg Quarry in Hamburg, NJ was delivered to the Material Removed From Site: -No material was removed from the Site. Working In Grid #s: A1, A2, B1 and B2 Samples Collected: -None. Community Air Monitoring Plan (CAMP): -CAMP was performed and there were no VOC or PM-10 exceedances. Problems Encountered: -None. Description of Upcoming Work Activities (Tomorrow, August 9, 2016):

- -The contractor plans to continue soil excavation for the installation of pile caps in the western portion of the Site.
- -The contractor plans to continue dewatering operations.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [*]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
, caa,	-	-								
Total	575	14,375								
* = cubic ya	rd totals are	approxim	ate sinc	e counte	rsigned r	nanifests	have ve	t to been	received	

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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File Name: <u>Daily Field Report 08/08/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the 2-2.5-inch virgin stone that was delivered to the Site.



Photo 2 –

View of the pile cap excavation in the western portion of the Site.



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File Name: ____Daily Field Report 08/08/2016_

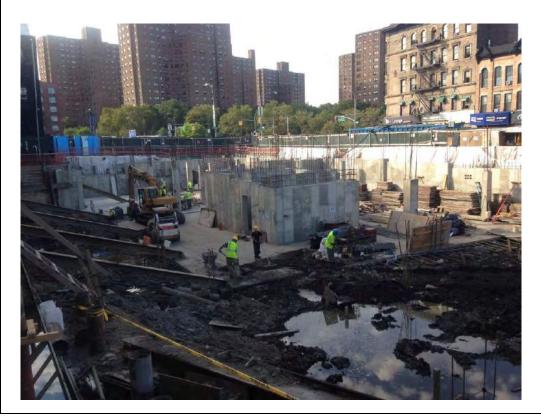
Photo 3 -

View of the lagging installation along the northern Site boundary, facing southeast.



Photo 4 –

View of the Site, facing south.



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Field Representative(s): Sean Harrison

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Bright Sun	Х
TEMP.	0 TO 32	32-50	50-70	70-85	>85	Х
WIND	NE 0-5 mp	h				

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	08/09/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Sean Harrison – Project Manager	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor installed the Bituthene Adhesive Primer B2 LVC waterproofing membrane, manufactured by Grace Construction Products, along the exterior portion of the southern foundation wall
- -The contractor excavated soil to approximately 18 feet below grade surface (bgs) in the western portion of the Site for the installation of a pile cap.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the pile cap excavation area and installed rebar and formwork for the pile cap installation.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

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Equipment Removed From Site:
-No equipment was removed from the Site.
Material Delivered to Site:
-No material was delivered to the Site.
Material Removed From Site:
-No material was removed from the Site.
Working In Grid #s: A1, A2, B1 and B2
Samples Collected:
-None.
Community Air Monitoring Plan (CAMP):
-CAMP was performed and there were no VOC or PM-10 exceedances.
Problems Encountered:

Description of Upcoming Work Activities (Tomorrow, August 10, 2016):

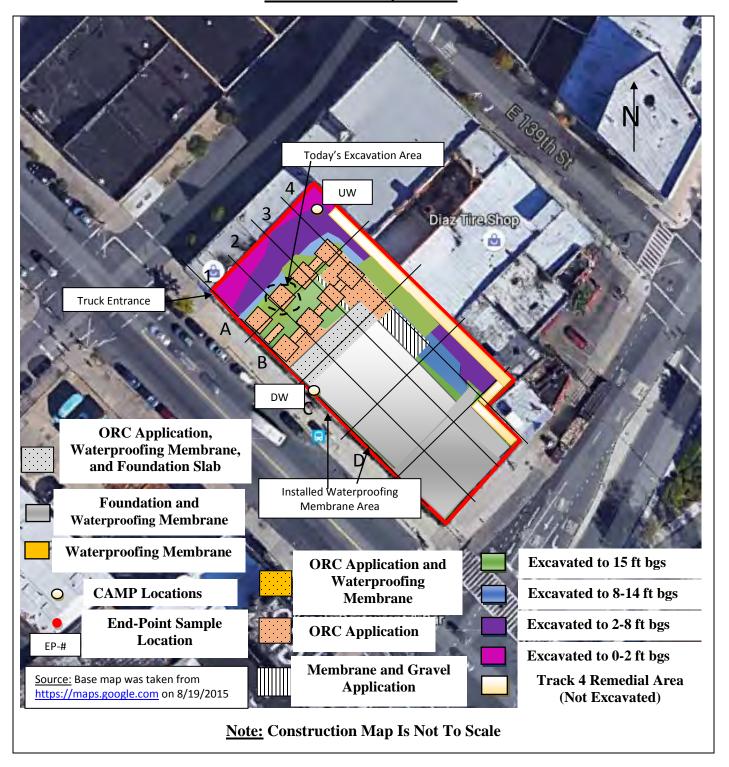
- -The contractor plans to continue soil excavation for the installation of grade beams in the western portion of the Site.
- -The contractor plans to continue dewatering operations.

-None.

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roday	-	-								
Total	575	14,375								
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received									

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor installing the waterproofing membrane along the exterior portion of the southern boundary of the Site.



Photo 2 -

View of the pile cap excavation in the western portion of the Site, facing west.



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Photo 3 -

View of the working platform for the horizontal grout injections in the northeast corner of the site, facing northeast.

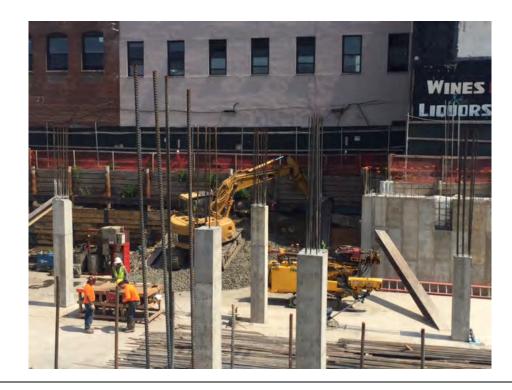
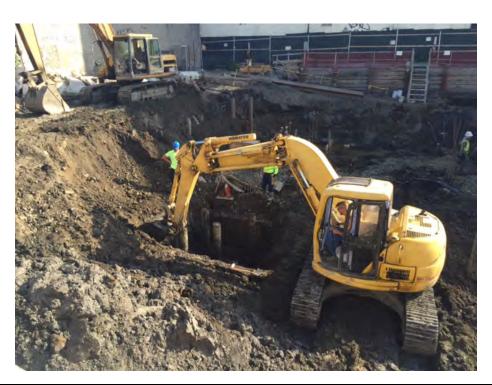


Photo 4 –

Additional view of the pile cap excavation, facing north.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy	, X	Bright Sun	
TEMP.	0 TO 32	32-50	50-70	70-85	Х	>85	
WIND	SW 0-10 m	nph					

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	08/10/2016
Location:	255 E. 138 th Street. Bro	nx. New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Fritz – Laborer Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	, and the second
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated soil to approximately 18 feet below grade surface (bgs) in the western portion of the Site for the installation of two (2) grade beams.
- -The contractor applied Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, at the base of the grade beam excavation areas and installed rebar and formwork for the grade beam installations.
- -The contractor imported two (2) loads of ¾-inch RCA Blend from the New York Recycling LLC Facility. New York Recycling LLC Facility is a NYSDEC-registered construction and demolition debris processing facility; however, this material has not been approved to be imported to the site yet since it contains fines that comprise of greater than 10% by weight material that pass through a size 80 sieve. No analytical data for the ¾-inch RCA blend was provided to Brinkerhoff for review prior to importation. Brinkerhoff advised the contractor to not import the ¾-inch RCA Blend until the analytical data was received and reviewed. However, the contractor backfilled the ¾-inch RCA Blend along the eastern boundary of the site adjacent to 3rd Avenue. Brinkerhoff collected samples of the imported material to determine if it meets the NYSDEC-approved backfill soil quality objectives.

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Description of Work Performed (cont):

-Additionally, the contractor imported two (2) loads of ¾-inch RCA (not a blend) from the New York Recycling LLC Facility. The gradation report that was provided to Brinkerhoff for this material meets the NYSDEC sieve test requirements and is attached to this report. This material did not contain fines and the contractor used the ¾-inch RCA as backfill around the southern foundation wall.

-No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

- -A truck load of grout was delivered to the Site.
- -Two (2) loads of ¾-inch RCA Blend were imported to the Site from New York Recycling LLC. This material has not yet been approved to be imported to the site and Brinkerhoff is waiting to receive the analytical data.
- -Two (2) loads of ¾-inch RCA containing no fines were imported to the Site from New York Recycling LLC.

Material Removed From Site:

-No material was removed from the Site.

Working In Grid #s: A1, A2, B1, B2, D1, E1 and E2

Samples Collected:

- Brinkerhoff collected one (1) five-point composite sample, identified as BF-1-comp, and three (3) discrete grab samples, identified as BF-2-grab, BF-3-grab, and BF-4-grab, from the two (2) loads of ¾-inch RCA Blend that were imported to the Site from the New York Recycling LLC Facility. The samples were submitted to the laboratory for analysis of Semi-Volatile Organic Compounds (SVOCs), Total Analyte List (TAL) Metals, Polychlorinated Biphenyls (PCBs), Pesticides and Volatile Organic Compounds (VOCs).

Community Air Monitoring Plan (CAMP):

- Air monitoring was performed throughout the day; however, air monitoring was not performed between 09:56 and 12:15 due to inclement weather (i.e. Rain). There were no VOC or PM-10 exceedances.

Problems Encountered:

-No pictures are available in today's report because the field representative's phone, that was used to take photographs, was stolen.

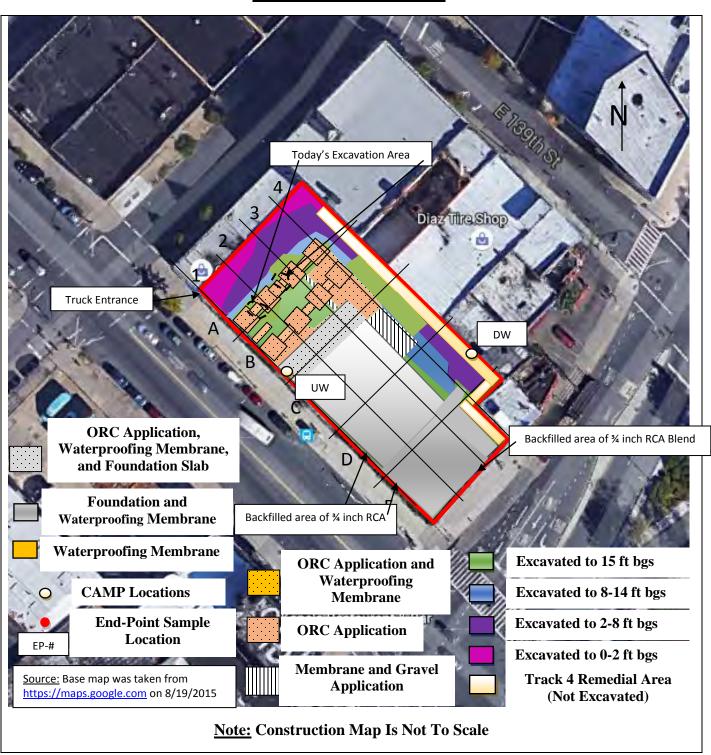
Description of Upcoming Work Activities (Tomorrow, August 11, 2016):

- -The contractor plans to grade soil in the western portion of the Site in preparation for the installation of the concrete mud slab.
- -The contractor plans to pour the concrete mud slab in the western portion of the Site.

Page 2 of 3 File Name: Daily Field Report 08/10/2016

	Clean Earth Carteret, No (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
· oddy	-	-								
Total	575	14,375								
* = cubic ya	* = cubic yard totals are approximate since countersigned manifests have yet to been received									

Construction Map Sketch



Page 3 of 3 File Name: <u>Daily Field Report 08/10/2016</u>



145 Sherwood Avenue, Farmingdale, NY 11735 (631) 815-1900

Serving the Mid-Atlantic and Northeast Regions for over 30 years www.mtgroup.com

Client: New York Recycling LLC

Joe Pego

475 Exterior Street Bronx, NY 10451 Project ID:

201307030

Date: Report #: 12/10/2015

Weather: Temperature:

Inspector:

1-962-000013 Armando Torres

Time Start:

Project: Lab Testing

REPORT: Sieve Analysis

MTG NO: 91613

Page 1 of 1

Material: 3/4" Recycled Stone

Sieve	% Passing	Low	High
1 1/2 in	100		
1.00 in	90		
3/4 in	16		
1/2 in	1		
3/8 in	1		

Test Method (As Applicable):

Orig: New York Recycling LLC Attn: Joe Pego (1-ec copy)

Respectfully Submitted,

MT Group

P. Hessel, Engineel

INSPECTIONS AND TESTS REPORTED HEREIN WERE PERFORMED IN ACCORDANCE WITH INDUSTRY ACCEPTED STANDARDS AND PROCEDURES. FINDINGS ARE LIMITED TO THOSE PORTIONS OF THE WORK INSPECTED AND/OR TESTED AS IDENTIFIED HEREIN. NO REPRESENTATIONS ARE MADE ABOUT THE CONDITION OF OTHER PORTIONS OF THE WORK.

Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50	50-70	70-85		>85	Х
WIND	SW 5-9 mp	oh						

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	08/11/2016
Location:	255 F. 138 th Street, Bro	nx New York	.lob:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:							
Environmental Consultant:	Inspector(s):						
Brinkerhoff Environmental Services, Inc. Monica Norton – Environmental Scientist	Wang Technology Paul Tapias – Inspector						
Contractor:	Subcontractor(s):						
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.						

Equipment on Site:							
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC						
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks						
CAT 315 L Backhoe							
900H Sullair Generator							
Clean Force 1800 PSI Power Washer							
LANDA 3500 PSI Power Washer							
Bobcat Skid Steer							

Description of Work Performed:

- -The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the western portion of the Site. Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, were applied and mixed in with the soil at the base of the excavation area and the soil was graded in preparation for the rat slab installation.
- -The contractor removed four (4) truck-loads of non-hazardous material off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Page 1 of 7 File Name: <u>Daily Field Report 08/11/2016</u>

Equipment Removed From Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-One (1) 10 cubic-yard roll-off container was delivered to the Site.

Material Removed From Site:

- -Four (4) truck-loads of soil were removed and disposed off-site at the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -One (1) 10 cubic-yard roll-off container was removed from the Site.

Working In Grid #s: A1, A2, A3, B1, B2, D1, and E1.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed throughout the day and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Tomorrow, August 12, 2016):

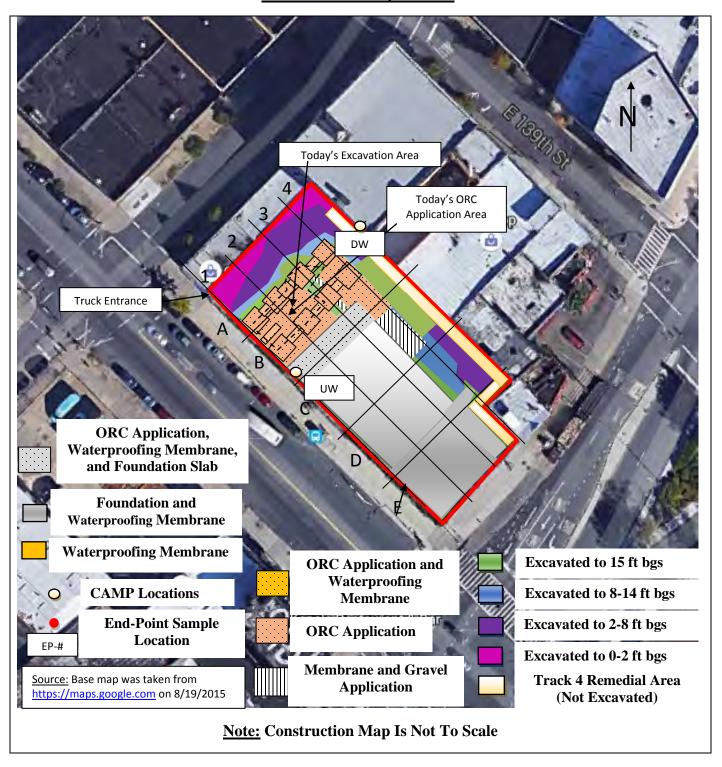
- -The contractor plans to continue to grade soil in the western portion of the Site in preparation for the installation of the concrete mud slab.
- -The contractor plans to pour the concrete mud slab in the western portion of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Taday	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	4	100								
Total	579	14,475								
* and in conditately and an analysis of a single constant and an affect become of the boson and the de-										

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

Page 2 of 7 File Name: Daily Field Report 08/11/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 7 File Name: <u>Daily Field Report 08/11/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

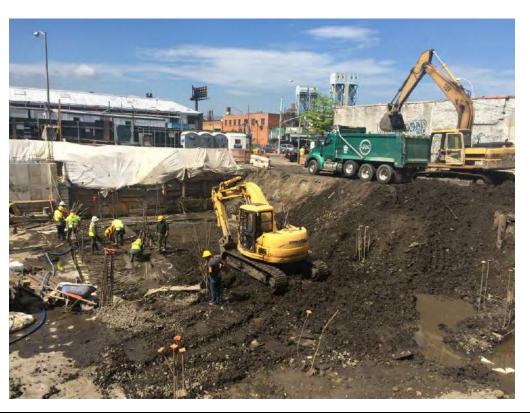
Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing northeast.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing west.



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Photo 3 –

View of the contractor applying water to the truck tires prior to exiting the site.

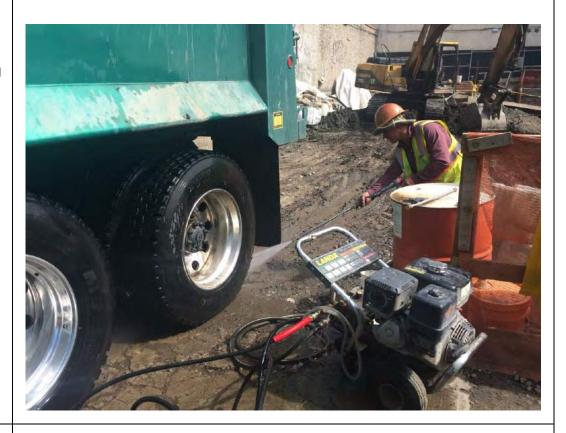
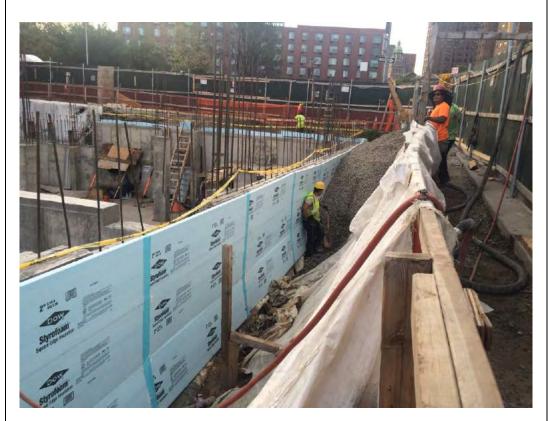


Photo 4 –

View of the ¾-inchRCA (not blend) imported to the E. 138th Street sidewalk behind the southern foundation wall, facing east. Note that this area is outside of the property line.



Page 5 of 7 File Name: <u>Daily Field Report 08/11/2016</u>

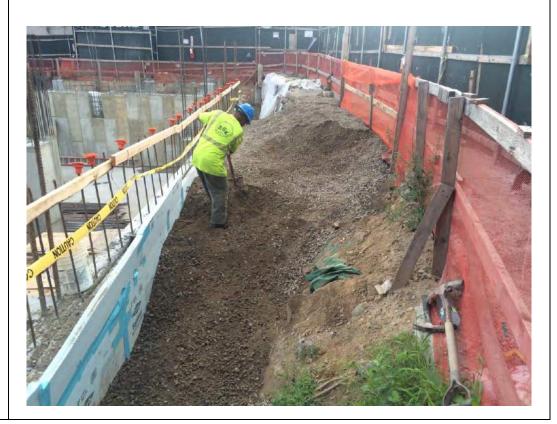
Photo 5 -

Additional view of the ¾-inch RCA (not blend) imported to the E. 138th Street sidewalk behind the southern foundation wall, facing northwest. Note that this area is outside of the property line.



Photo 6 -

View of the ¾-inch RCA Blend placed in the Third Avenue sidewalk behind the eastern foundation wall, facing northeast. Note that this area is outside of the property line.



Page 6 of 7 File Name: <u>Daily Field Report 08/11/2016</u>

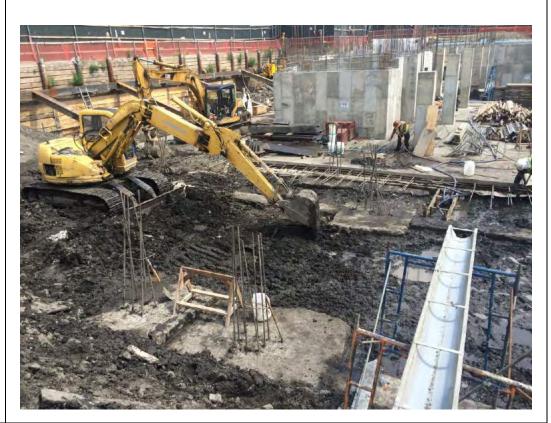
Photo 7 –

View of the contractor applying the ORC to the base of excavation area in the western portion of the Site, facing east. .



Photo 8 –

View of the contractor using the excavator to mix the ORC within the soil at the base of excavation, facing east.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain	Χ	Overcast	Χ	Partly Cloudy	Bright Sun	
TEMP.	0 TO 32	32-50		50-70		70-85	>85	Χ
WIND	S 0-5 mph							

NYSDEC Project No:	C203057	OER E-Number:	E-2	E-227		08/12/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager	Environmental Bulkhead Corp. (EBC)
Edwin – Security Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	ŭ ŭ
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

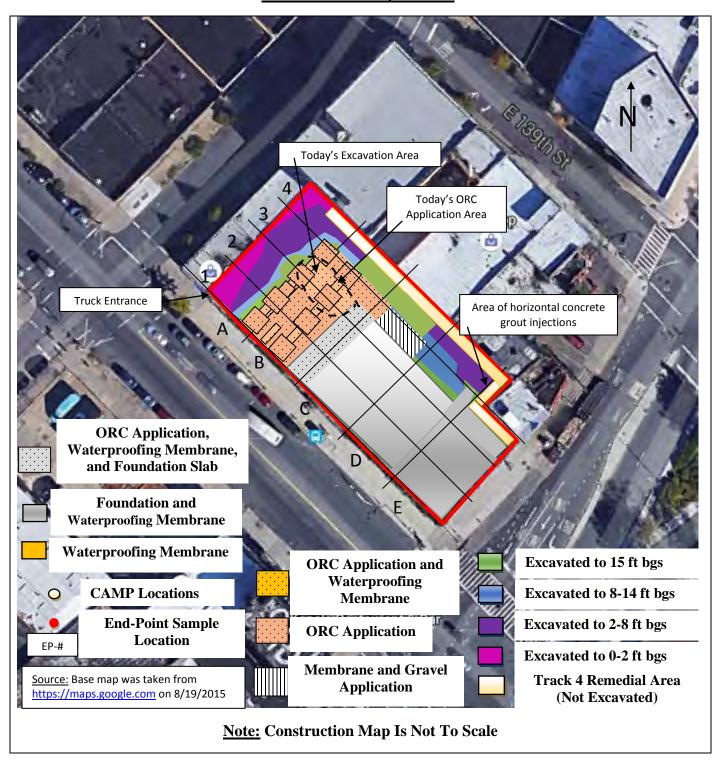
Description of Work Performed:

- -The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the western portion of the Site. Oxygen Release Compound (ORC) Advanced Pellets®, manufactured by Regenesis, were applied and mixed in with the soil at the base of the excavation area and the soil was graded in preparation for the rat slab installation.
- -The contractor removed four (4) truck-loads of non-hazardous material off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -The contractor performed horizontal concrete grout injections in the northeastern portion of the Site along the western boundary of the adjacent building located at 2557 Third Avenue.
- -No fugitive dust was observed throughout the day.

Page 1 of 6 File Name: <u>Daily Field Report 08/12/2016</u>

Equipment Delivered to Site:										
-No equipment was delivered to the Site.										
Equipment F	Equipment Removed From Site:									
-No equipment was removed from the Site.										
Material Delivered to Site:										
-No material was delivered to the Site.										
Material Rer	noved From	Site:								
-Four (4) truck-loads of soil were removed and disposed off-site at the Clean Earth of Carteret Facility located in Carteret, New Jersey.										
Working In (Working In Grid #s: A1-3, B1-3 and D4.									
Samples Co	llected:									
-None.										
Community	Air Monitorii	ng Plan (C	(AMP):							
-Air monitori	ng was not	performed	l due to	inclemer	nt weathe	er (i.e. Ra	in).			
Problems Er	ncountered:									
-None.										
<u>Description</u>	of Upcoming	g Work Ac	tivities (Monday,	August	15, 2016)	<u>):</u>			
-The contractor does not have anticipate to perform for soil excavation or removal activities.										
	Clean Earth of Carteret, Ne (Non-Hazaro	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
·	4	100								
Total	583	14,575			<u> </u>					
* = cubic yar	d totals are	approxima	ate sinc	e counte	rsigned r	nanıtests	have ye	t to been	received	

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 6

File Name: <u>Daily Field Report 08/12/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

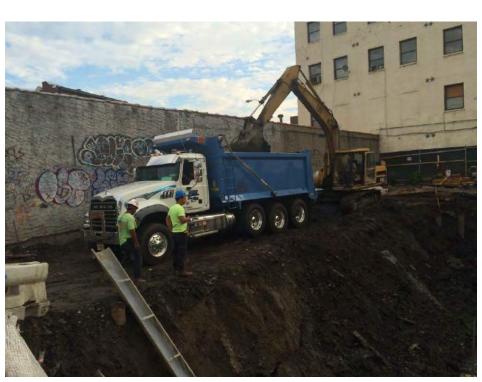
Photo 1 –

View of the contractor excavating soil in the western portion of the Site, facing northwest.



Photo 2 –

View of the contractor directly loading material for off-site disposal, facing northwest.



Page 4 of 6 File Name: <u>Daily Field Report 08/12/2016</u>

Photo 3 -

View of the contractor performing horizontal concrete grout injections along the western boundary of the adjacent building located at 2557 Third Avenue, facing southeast.

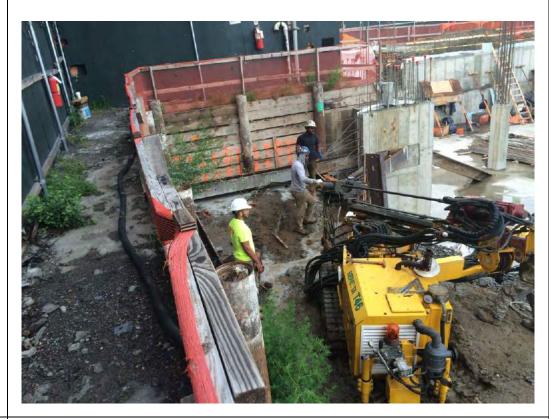
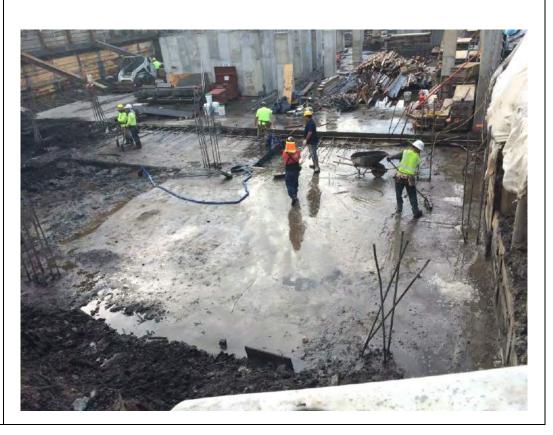


Photo 4 -

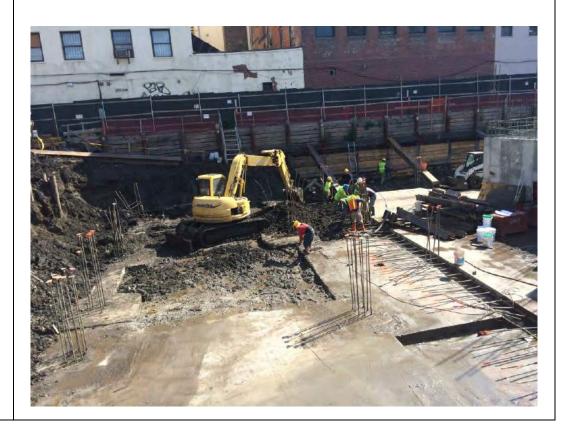
View of the concrete rat slab previously installed in the western portion of the Site, facing east.



Page 5 of 6 File Name: <u>Daily Field Report 08/12/2016</u>

Photo 5 –

View of the contractor excavating soil in the western portion of the Site, facing north.



File Name: ____Daily Field Report 08/12/2016_

Page 6 of 6

Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50	50-70	70-85	Χ	>85	
WIND	SW 10-20 n	nph						

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	08/17/2016
Location:	255 E. 138 th Street, Bro	nx New York	.lob:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager	Environmental Bulkhead Corp. (EBC)
Edwin – Security Ronmel Cimpoberde – Laborer	

Equipment on Site:								
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC							
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks							
CAT 315 L Backhoe								
900H Sullair Generator								
Clean Force 1800 PSI Power Washer								
LANDA 3500 PSI Power Washer								
Bobcat Skid Steer								

Description of Work Performed:

- -The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the northern portion of the Site for the installation of lagging. Additionally, the contractor placed grout by hand behind the lagging.
- -The contractor began the framing installation for the first floor of the building superstructure in the eastern portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed from Site:

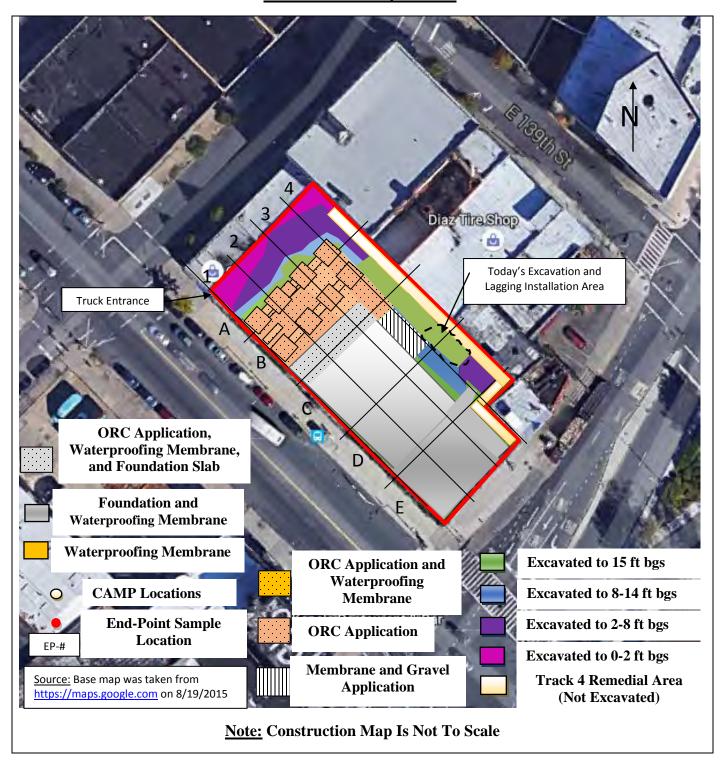
-No equipment was removed from the Site.

Page 1 of 5 File Name: <u>Daily Field Report 08/17/2016</u>

Material Delivered to Site:

-One (1) truck load of lumber was delivered to the Site.										
Material Ren	noved From	Site:								
-No material was removed from the Site.										
Working In Grid #s: A1, C1-4, D1-4, E1-2.										
Samples Co	llected:									
-None.										
Community A	Air Monitorii	ng Plan (C	AMP):							
-Air monitori Monitoring L	•							es. Refer	ence the	Air
Problems Er	ncountered:									
-None.										
Description of	of Upcoming	Work Ac	tivities (Wedneso	lay, Augi	ust 18, 20)16) <u>:</u>			
-The contrac	etor intends	to continu	e the lag	gging inst	tallation a	along the	northerr	n bounda	ry of the S	Site.
	Clean Earth o Carteret, Ne (Non-Hazaro	w Jersey [*]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total 583 14,575										
* = cubic yar	d totals are	approxima	ate since	e counter	signed n	nanifests	have ye	t to been	received	

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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File Name: Daily Field Report 08/17/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the northern portion of the Site for the installation of lagging, facing west.

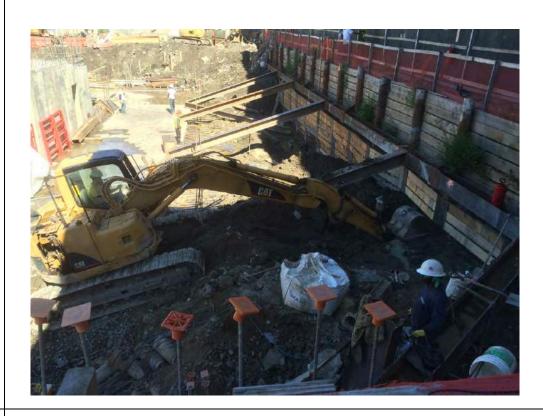


Photo 2 –

View of the contractor installing lagging along the northern Site boundary, facing northeast.



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Photo 3-

View of the contractor applying grout behind the lagging, facing northeast.



Photo 4-

View of the contractor installing the framing for the first floor of the building superstructure, facing southeast.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rai	า	Overcast		Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-	50	50-70		70-85	Χ	>85	
WIND	NE 0-5 mph	1							

NYSDEC Project No:	C203057	OER E-Number:	E-2	E-227		08/18/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager	Environmental Bulkhead Corp. (EBC)
Edwin – Security Ronmel Cimpoberde – Laborer	

Equipment on Site:							
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC						
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks						
CAT 315 L Backhoe							
900H Sullair Generator							
Clean Force 1800 PSI Power Washer							
LANDA 3500 PSI Power Washer							
Bobcat Skid Steer							

<u>Description of Work</u> Performed:

- -The contractor excavated soil to approximately 15 feet below grade surface (bgs) in the northern portion of the Site for the installation of lagging. Additionally, the contractor placed grout by hand behind the lagging.
- -The contractor continued the framing installation for the first floor of the building superstructure in the eastern portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

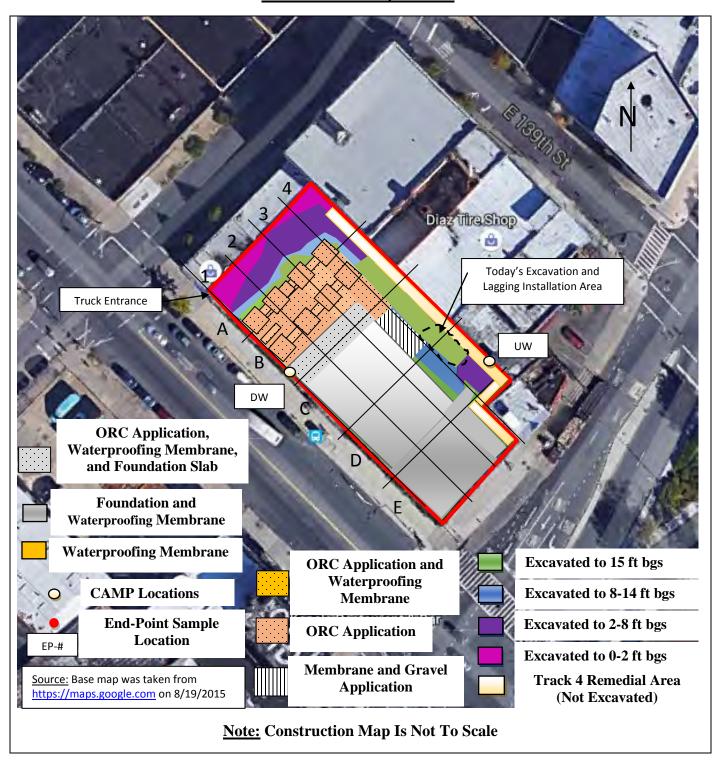
Equipment Removed from Site:

-No equipment was removed from the Site.

Page 1 of 5 File Name: <u>Daily Field Report 08/18/2016</u>

Material Delivered to Site:										
-No material was delivered from the Site.										
Material Rer	moved From	Site:								
-No material	-No material was removed from the Site.									
Working In (Grid #s: C1-	4, D1-4, E	1-2.							
Samples Co	llected:									
-None.	-None.									
Community	Air Monitorii	ng Plan (C	AMP):							
-Air monitori Monitoring L	•							es. Refer	ence the	Air
Problems Er	ncountered:									
-None.										
Description	of Upcoming	Work Ac	tivities (Friday, A	ugust 19	9, 2016):				
-The contrac	ctor intends	to continu	e the la	gging ins	tallation	along the	northerr	n boundai	ry of the	Site.
	Clean Earth of Carteret, Ne (Non-Hazaro	w Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	583	14,575								
* = cubic yard totals are approximate since countersigned manifests have yet to been received										

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5

File Name: Daily Field Report 08/18/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil in the northern portion of the Site for the installation of lagging, facing west.

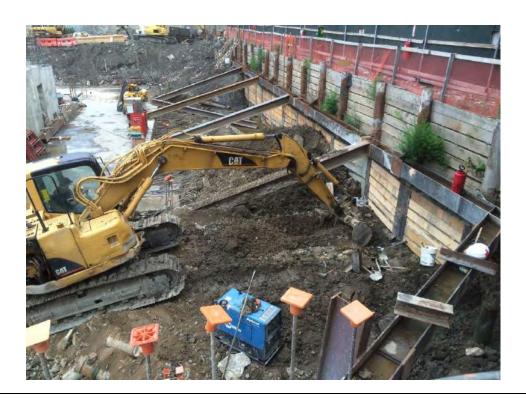


Photo 2 –

View of the contractor installing lagging along the northern Site boundary, facing northwest.



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Photo 3-

View of the western portion of the Site, facing southwest.



Photo 4-

View of the contractor installing the framing for the first floor of the building superstructure, facing southeast.



Page 5 of 5 File Name: <u>Daily Field Report 08/18/2016</u>

Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	Χ	>85	
WIND	NW 0-5 mp	NW 0-5 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	08/19/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:						
Environmental Consultant:	Inspector(s):					
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector					
Contractor:	Subcontractor(s):					
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.					
Safety Officer Alex Adduci – Project Manager Edwin – Security	Environmental Bulkhead Corp. (EBC)					
Ronmel Cimpoberde – Laborer						

Equipment on Site:								
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC							
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks							
CAT 315 L Backhoe								
900H Sullair Generator								
Clean Force 1800 PSI Power Washer								
LANDA 3500 PSI Power Washer								
Bobcat Skid Steer								

Description of Work Performed:

- -The contractor excavated soil to approximately 15 feet below grade surface (bgs) along the northern boundary of the Site for the installation of lagging.
- -The contractor installed the Preprufe 300R waterproofing membrane, manufactured by Grace, in the western portion of the Site.
- -The contractor continued the framing installation for the first floor of the building superstructure in the eastern portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed from Site:

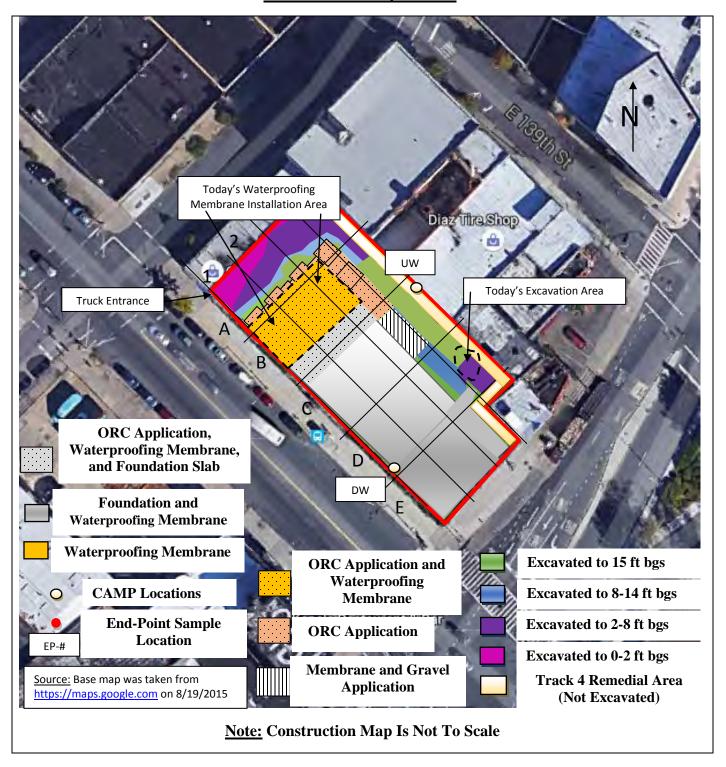
-No equipment was removed from the Site.

Page 1 of 5 File Name: <u>Daily Field Report 08/19/2016</u>

Material Delivered to Site:

-A truck load of rebar was delivered to the Site.										
Material Ren	Material Removed From Site:									
-No material	No material was removed from the Site.									
Working In C	Working In Grid #s: A1-3, B1-3, C1-3, D1-4, E1-3.									
Samples Co	llected:									
-None.										
Community A	Air Monitorii	ng Plan (C	AMP):							
-Air monitori Monitoring L	•							es. Refer	ence the	Air
Problems Er	ncountered:									
-None.										
Description of	of Upcoming	y Work Ac	tivities (Monday,	August 2	22, 2016)	<u>:</u>			
-The contrac	ctor intends	to continu	e the la	gging inst	tallation a	along the	northerr	bounda	ry of the	Site.
	Clean Earth o Carteret, Ne (Non-Hazaro	ew Jersey [*]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total 583 14,575										
* = cubic yar	* = cubic yard totals are approximate since countersigned manifests have yet to been received									

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 08/19/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating soil along the northern boundary of the Site for the installation of lagging, facing northwest.



Photo 2 –

View of the contractor installing the Preprufe 300R waterproofing membrane in the western portion of the Site, facing north.



Page 4 of 5 File Name: <u>Daily Field Report 08/19/2016</u>

Photo 3-

View of the contractor applying the Preprufe Tape to attach the waterproofing membrane layers, facing southwest.



Photo 4-

View of the sealed waterproofing membrane penetrations.



Page 5 of 5 File Name: <u>Daily Field Report 08/19/2016</u>

Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy		Bright Sun	Х
TEMP.	0 TO 32		32-50	50-70	70-85	Х	>85	
WIND	NW 0-5 mp	h						

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	08/24/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager	Environmental Bulkhead Corp. (EBC)
Edwin – Security Ronmel Cimpoberde – Laborer	

Equipment on Site:								
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC							
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks							
CAT 315 L Backhoe								
900H Sullair Generator								
Clean Force 1800 PSI Power Washer								
LANDA 3500 PSI Power Washer								
Bobcat Skid Steer								

Description of Work Performed:

- -The contractor excavated soil to approximately 13 feet below grade surface (bgs) along the northern boundary of the Site and along the western boundary of the adjacent building located at 2557 Third Avenue (Block 2333, Lot 26) for the installation of lagging.
- -Brinkerhoff performed a soil investigation along the western boundary of the adjacent building located at 2557 Third Avenue (Block 2333, Lot 26). The investigation consisted of inserting a piece of rebar through the spaces between the wood lagging to determine the soil thickness between the existing wood lagging and the horizontally injected concrete. Based on the investigation, at least 5.5 to 16 inches of soil were observed between the installed lagging and the injected concrete, thus a sidewall endpoint sample, identified as EP-25, was collected from this area.
- -The contractor continued the framing installation for the first floor of the building superstructure in the eastern portion of the Site.
- -No fugitive dust was observed throughout the day.

Page 1 of 5	File Name:	Daily Field Report 08/24/201	6

Equipment Delivered to Site: -No equipment was delivered to the Site. Equipment Removed from Site: -No equipment was removed from the Site. Material Delivered to Site: -No material was delivered to the Site. Material Removed From Site: -No material was removed from the Site. Working In Grid #s: A2, A3, C1-3, D1-4, E1-3.

Samples Collected:

-Two (2) sidewall endpoint samples, identified as EP-24 and EP-25, were collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances. Reference the Air Monitoring Log and Attachment I – Air Monitoring Results Summary.

Problems Encountered:

-None.

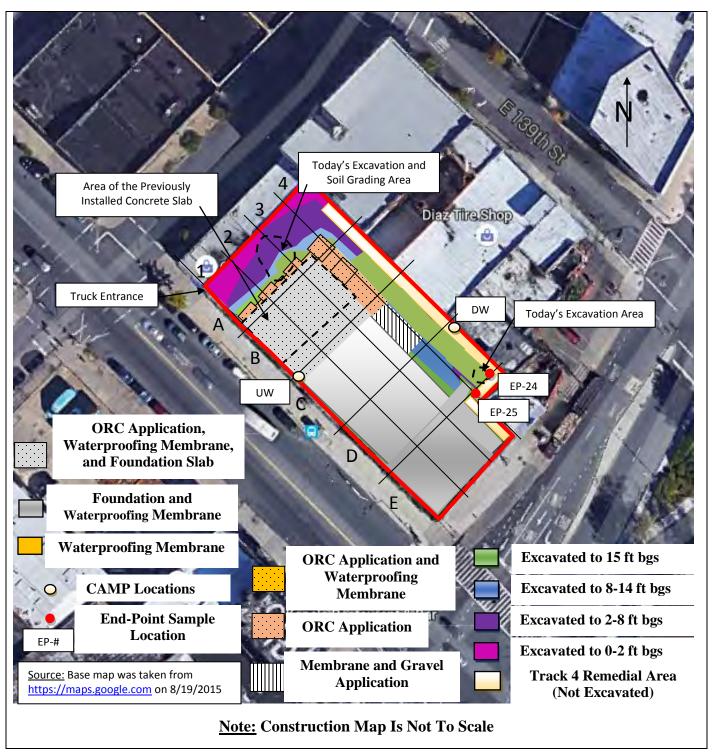
Description of Upcoming Work Activities (Thursday, August 25, 2016):

-The contractor anticipates to continue the lagging installation to 15 feet bgs along the northern boundary of the site and the western boundary of the adjacent building located at 2557 Third Avenue (Block 2333, Lot 26).

	Clean Earth of Carteret, No. (Non-Hazaro	ew Jersey								
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today										
,	-	-								
Total	583	14,575								

* = cubic yard totals are approximate since countersigned manifests have yet to been received

Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 08/24/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the previously installed concrete slab in the western portion of the Site, facing southwest.



Photo 2 -

View of the contractor excavating for the lagging installation in the northeastern portion of the Site, facing east.



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Photo 3 –

View of the contractor installing lagging in the northeastern portion of the Site, facing northeast.



Photo 4 –

View of the contractor applying grout behind the lagging.



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Field Representative(s): Michael Dubnansky

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy		Bright Sun	Х
TEMP.	0 TO 32		32-50	50-70	70-85	Χ	>85	
WIND	NW 0-5 mp	h						

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	08/25/2016	
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057	

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Michael Dubnansky – Geologist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager	Environmental Bulkhead Corp. (EBC)
Edwin – Security Ronmel Cimpoberde – Laborer	

Equipment on Site:								
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC							
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks							
CAT 315 L Backhoe								
900H Sullair Generator								
Clean Force 1800 PSI Power Washer								
LANDA 3500 PSI Power Washer								
Bobcat Skid Steer								

Description of Work Performed:

- -The contractor excavated soil to approximately 15 feet below grade surface (bgs) along the northern boundary of the Site and along the western boundary of the adjacent building located at 2557 Third Avenue (Block 2333, Lot 26) for the installation of lagging.
- -The contractor continued the framing installation for the first floor of the building superstructure in the eastern portion of the Site.
- -No fugitive dust was observed throughout the day.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

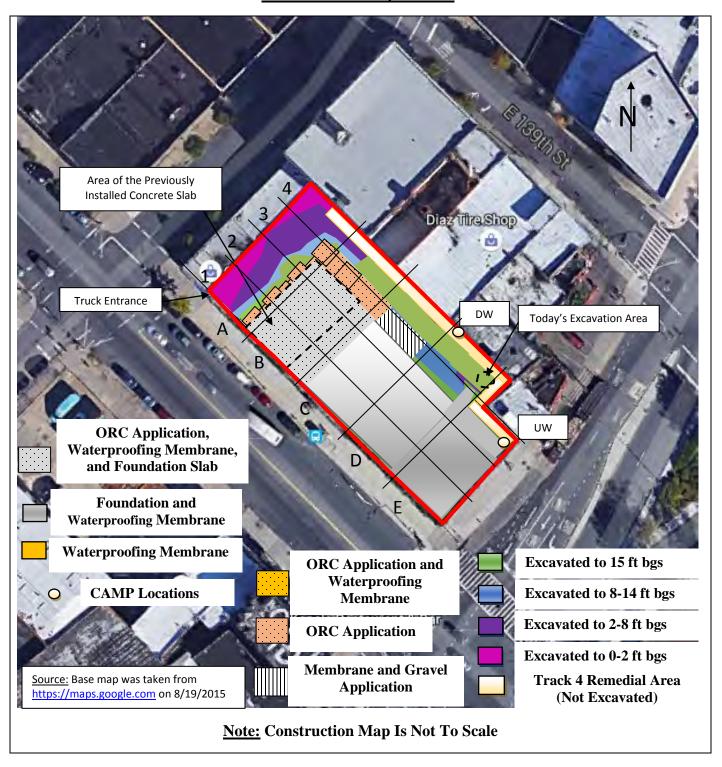
Equipment Removed from Site:

-No equipment was removed from the Site.

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Material Del	ivered to Sit	<u>:e:</u>								
-No material was delivered to the Site.										
Material Ren	Material Removed From Site:									
-No material was removed from the Site.										
Working In (Grid #s: A2,	A3, C1-3,	D1-4, E	1-3.						
Samples Co	llected:									
-No samples	s were collec	cted.								
Community	Air Monitorii	ng Plan (C	AMP):							
-Air monitori	ng was perf	ormed and	d there v	were no \	/OC or F	PM-10 ex	ceedanc	es.		
Problems Er	ncountered:									
-None.										
Description	of Upcoming	g Work Ac	tivities (Friday, A	ugust 25	5, 2016):				
-The contrac	ctor anticipa	tes to con	tinue wo	ork on the	superst	ructure.				
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Total	- 583	- 14,575								
* – cubic vai			ata sinc	e counte	reianad r	nanifacte	have ve	t to been	received	

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 08/25/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

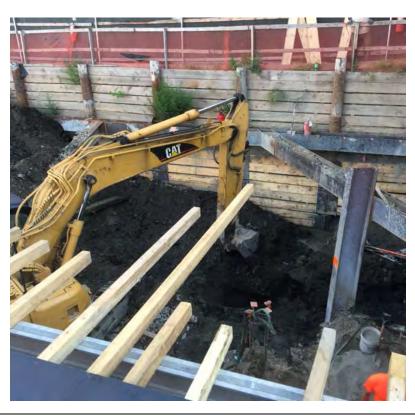
Photo 1 –

View of the northern boundary of the site, facing northwest.



Photo 2 –

View of the contractor excavating for the lagging installation in the northeastern portion of the Site, facing north.



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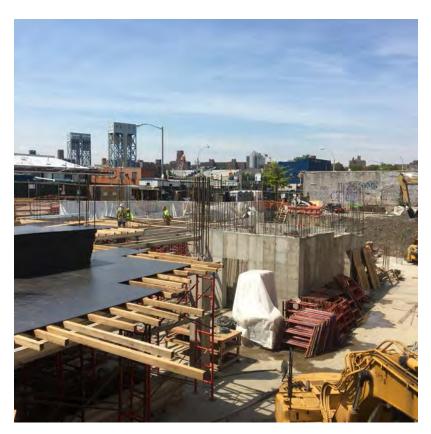
Photo 3 –

View of the contractor installing lagging in the northeastern portion of the Site.



Photo 4 –

View of the contractor continuing work on the superstructure, facing west.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-50	50-70	70-85	Χ	>85	
WIND	NW 0-5 mph	า					

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	08/31/2016
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager	Environmental Bulkhead Corp. (EBC)
Edwin – Security Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	
HD 180B Pile Drill	

Description of Work Performed:

- -The contractor excavated soil to approximately 15 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of lagging.
- -The contractor drilled piles along the western Site boundary.
- -The contractor continued to work on the framing and rebar installation for the first floor in the southeastern and central portions of the Site.

Equipment Delivered to Site:

-A HD 180B Pile Drill was delivered to the Site.

Equipment Removed from Site:

-No equipment was removed from the Site.

Page 1 of 5 File Name: <u>Daily Field Report 08/31/2016</u>

Material Del	Material Delivered to Site:									
-No material was delivered to the Site.										
Material Rer	Material Removed From Site:									
-No material	-No material was removed from the Site.									
Working In (Grid #s: A3,	B1-4, C1-	3, D1-3	, E1-3.						
Samples Co	llected:									
for analysis	-One (1) sidewall endpoint sample, identified as EP-26, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.									
Community	Air Monitorii	ng Plan (C	CAMP):							
-Air monitori	ng was perf	ormed an	d there	were no \	VOC or F	PM-10 ex	ceedanc	es.		
Problems Er	ncountered:									
-None.										
Description	Description of Upcoming Work Activities (Thursday, September 1, 2016):									
-The contractor anticipates to perform excavation for the installation of pile caps in the northern portion of the Site.										
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
,					_		_			

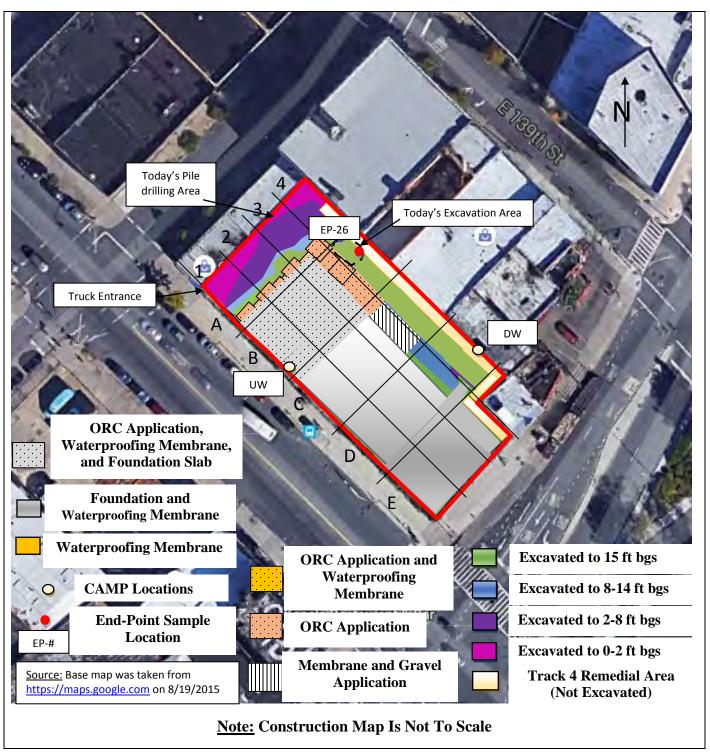
* = cubic yard totals are approximate since countersigned manifests have yet to been received

14,575

583

Total

Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 08/31/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor installing the framing and rebar for the first floor in the southeastern portion of the Site, facing southwest.

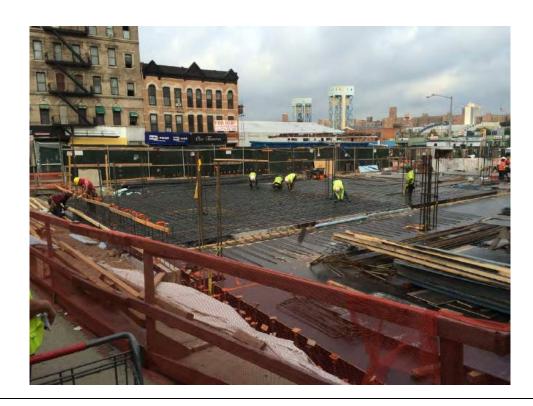


Photo 2 –

View of the contractor drilling piles in the northwestern portion of the Site, facing west.



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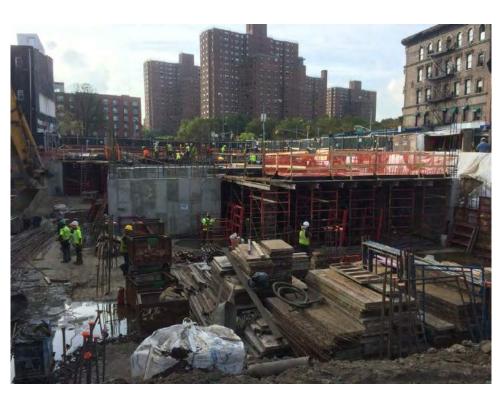
Photo 3 -

View of the lagging installation area along the northwestern Site boundary, facing northeast.



Photo 4 -

View of the Site, facing west.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-50	50-70	70-85	Χ	>85	
WIND	N 0-10 mph						

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/02/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager	Environmental Bulkhead Corp. (EBC)
Edwin – Security Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated soil from approximately five (5) to 15 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of a raker.
- -The contractor continued to work on the framing and rebar installation for the first floor in the southeastern and central portions of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

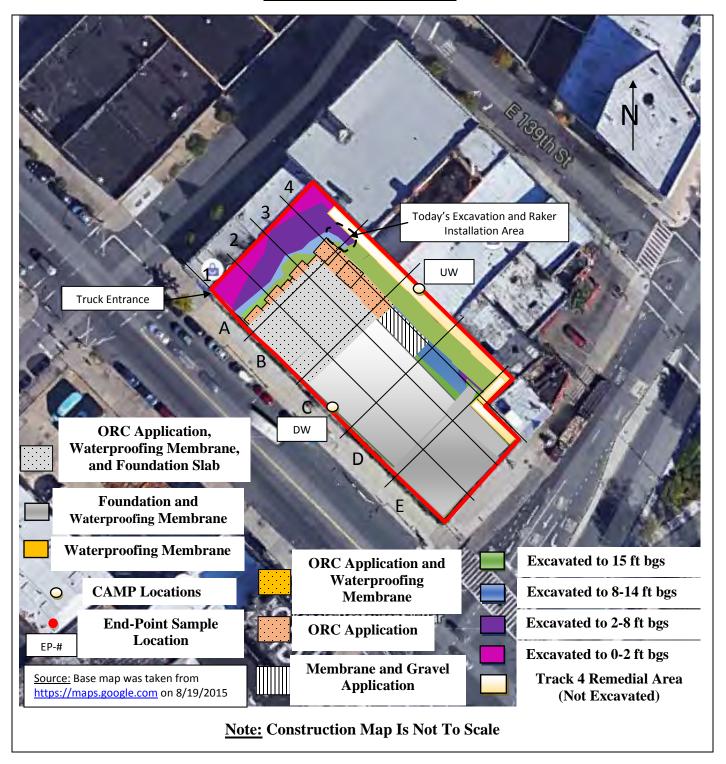
- A HD 180B Pile Drill was removed from the Site.

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Material Delivered to Site:

-No material was delivered to the Site.						
Material Removed From Site:						
-No material was removed from the Site.						
Working In Grid #s: A4, B1-4, C1-3, D1-3, E1-3.						
Samples Collected:						
-None						
Community Air Monitoring Plan (CAMP):						
-Air monitoring was performed and there were no VOC or PM-10 exceedances.						
Problems Encountered:						
-None.						
Description of Upcoming Work Activities (Tuesday, September 6, 2016):						
-The contractor anticipates to perform excavation for the installation of lagging and a raker in the northwestern boundary of the Site.						
Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)						
Trucks Cu. Yds.* Trucks Cu. Yds. Trucks Cu. Yds. Trucks Cu. Yds Trucks Cu. Yds Cu. Yds						
Total 583 14,575						
* = cubic yard totals are approximate since countersigned manifests have yet to been received						

Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor installing the framing and rebar for the first floor in the southeastern portion of the Site, facing southwest.

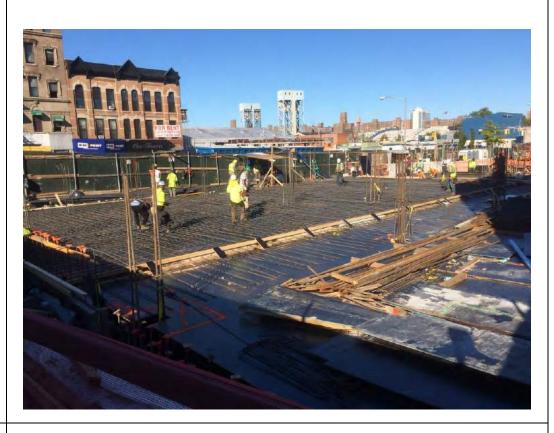
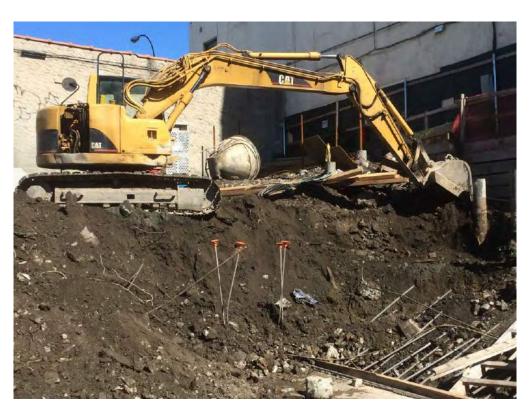


Photo 2 –

View of the contractor excavating for the installation of a raker, facing northwest.



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Photo 3 -

View of the raker installation along the northwestern Site boundary, facing west.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Х	Partly Cloudy		Bright Sun	
TEMP.	0 TO 32	32-50	50-70		70-85	Χ	>85	
WIND	N 0-15 mph	ı						

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/06/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager Edwin – Security	Environmental Bulkhead Corp. (EBC)
Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated soil from approximately five (5) to 15 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of a raker.
- -The contractor poured the concrete slab for the first floor in the southeastern and central portions of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

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Material Del	ivered to Site:					
-No material	-No material was delivered to the Site.					
Material Rer	moved From Site:					
-No material	was removed from th	e Site.				
Working In (Grid #s: A4, B1-4, C1-	3, D1-3, E1-3.				
Samples Co	llected:					
analysis of T	-One (1) base endpoint sample, identified as EP-27, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.					
Community	Air Monitoring Plan (C	CAMP):				
-Air monitori	ng was performed and	d there were no '	VOC or PM-10 ex	ceedances.		
Problems Er	ncountered:					
-None.						
Description (of Upcoming Work Ac	tivities (Wednes	day, September 7	<u>, 2016):</u>		
-The contract of the Site.	ctor anticipates to exca	avate for the inst	allation of lagging	along the northw	estern boundary	
	Cloop Earth of Cartarat					

	Clean Earth (Carteret, No (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
loday	-	-								
Total	583	14,575								
* = cubic vard totals are approximate since countersigned manifests have yet to been received										

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Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor installing the first floor in the southeastern and central portions of the Site, facing southeast.



Photo 2 –

View of the contractor excavating for the installation of a raker, facing north.



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Photo 3 -

View of the raker installation along the northwestern Site boundary, facing west.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	Χ	>85	
WIND	N 0-15 mph									

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Inspector(s):
Wang Technology Paul Tapias – Inspector
Subcontractor(s):
Scalpel Construction, Inc.
Environmental Bulkhead Corp. (EBC)

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated soil to approximately 10 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of lagging.
- -Contractor installed rebar above the first floor concrete slab.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

Material Delivered to Site:

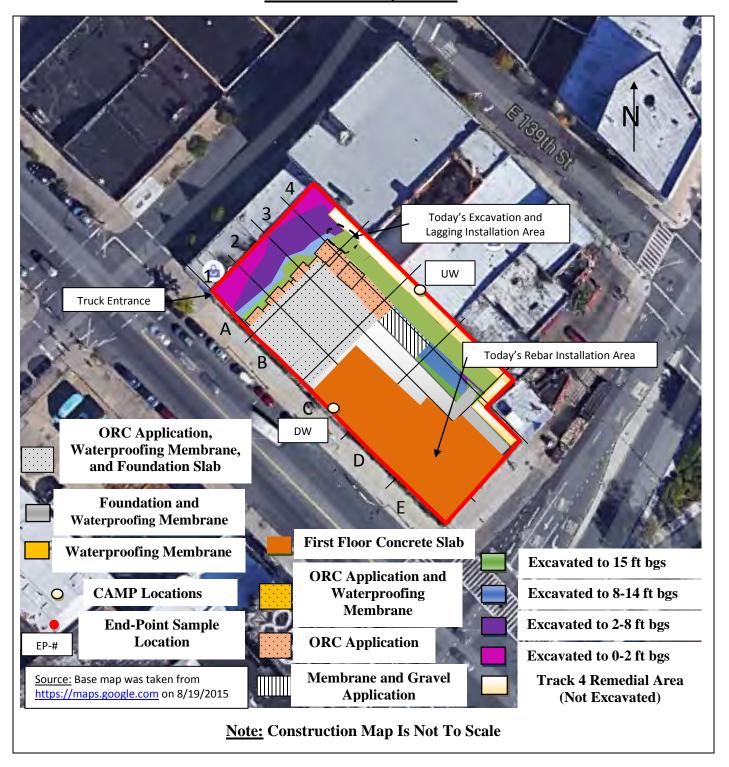
- A truck load of rebar was delivered to the site.
- A truck load of wood was delivered to the site.

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			DAIL	I IILLD A	CIIVIII	KLFOKI				
Material Rer	moved From	Site:								
-No materia	l was remov	ed from th	ne Site.							
Working In (Grid #s: A4,	B1-4, C1-	3, D1-3,	E1-3.						
Samples Co	llected:									
- None										
Community	Air Monitorii	ng Plan (C	CAMP):							
-Air monitoring was performed and there were no VOC exceedances. 15-minute average PM-10 exceedances occurred from 10:09 to 10:23; however, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction. No other 15-minute average PM-10 exceedances were observed for the remainder of the day.										
Problems Er	ncountered:									
-None.										
Description of Upcoming Work Activities (Thursday, September 8, 2016):										
-The contractor anticipates to excavate for the installation of lagging along the northwestern boundary of the Site.										
	Clean Earth of Carteret, Ne (Non-Hazaro	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	-	-								
Total	583	14,575								
* = cubic vai	rd totals are	approxima	ate sinc	e counte	rsianed r	nanifests	have ve	t to been	received	

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the northwestern boundary of the Site, facing northeast.



Photo 2 –

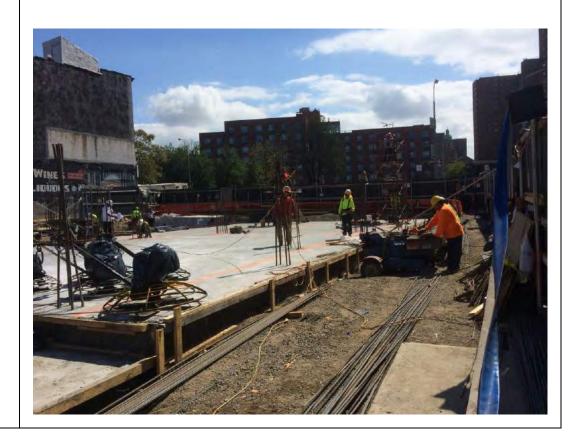
View of the contractor installing lagging in the northwestern boundary of the site, facing northeast.



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Photo 3 -

View of the contractor installing rebar at the Site, facing east.



File Name: ____Daily Field Report 09/07/2016_

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Field Representative(s): Michael Dubnansky

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50		50-70		70-85	Χ	>85	
WIND	N 0-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	09/08/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Michael Dubnansky – Geologist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager Edwin – Security	Environmental Bulkhead Corp. (EBC)
Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Stee	

Description of Work Performed:

- -The contractor excavated soil to approximately 12 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of lagging.
- -Contractor installed rebar above the first floor concrete slab.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

Material Delivered to Site:

- No material was delivered to the site.

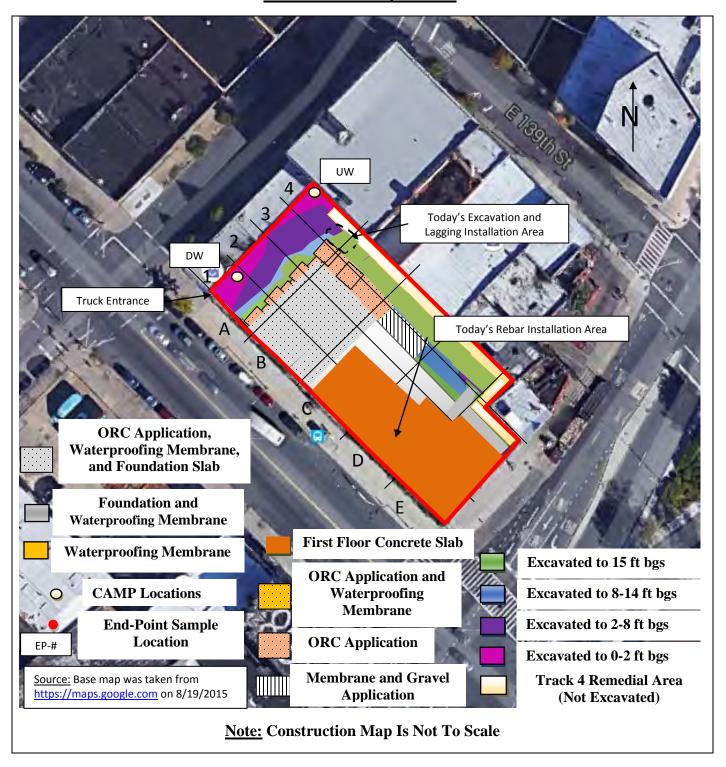
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			DAIL	I IILLD	CIIVIII	INLFORT				
Material Rei	moved From	n Site:								
-No materia	-No material was removed from the Site.									
Working In	Working In Grid #s: A4, B1-4, C1-3, D1-3, E1-3.									
Samples Co	llected:									
- None										
Community	Air Monitori	ng Plan (C	CAMP):							
-Air monitor	ing was perl	ormed and	d there	were no l	PM-10 oı	VOC ex	ceedanc	es.		
Problems E	ncountered:									
-None.										
Description	of Upcoming	g Work Ac	tivities (Friday, S	eptembe	er 9, 2016	<u>6):</u>			
-The contract boundary of	•	tes to con	tinue ex	cavating	for the ir	nstallatior	of laggi	ng along	the north	western
	Clean Earth (Carteret, Ne (Non-Hazar	ew Jersey [']								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-	-								
Total	583	14,575								<u> </u>
* = cubic ya	<u>rd totals are</u>	approxim	ate sinc	e counte	rsigned r	nanifests	have ye	t to been	received	

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File Name: Daily Field Report 09/08/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 09/08/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the northwest corner of the Site, facing northeast.

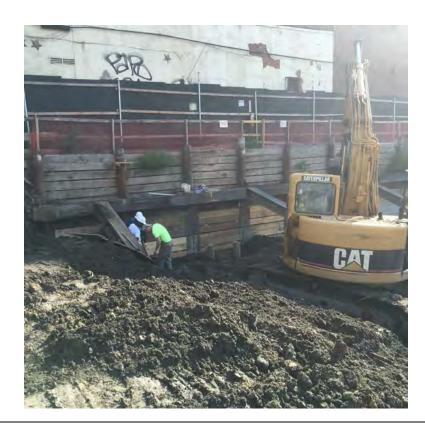
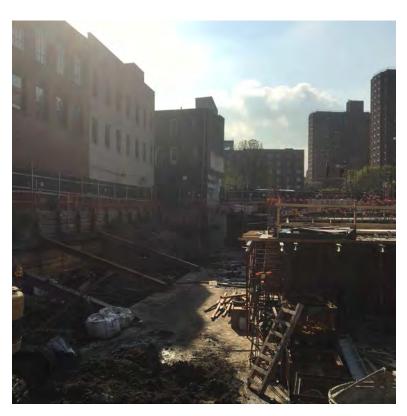


Photo 2 –

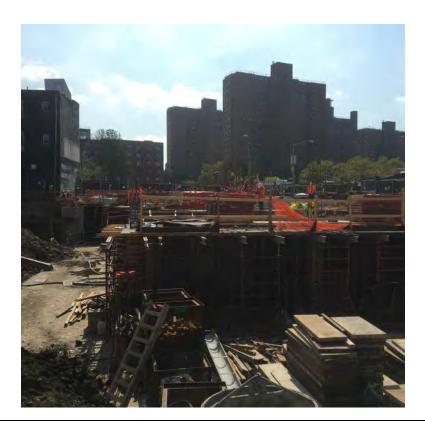
View of the northern portion of the site, facing northeast.



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Photo 3 -

View of construction activities on the superstructure, facing east.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-50	50-70	70-85	Х	>85	
WIND	N 0-15 mph			 			

 NYSDEC Project No:
 C203057
 OER E-Number:
 E-227
 Date:
 09/09/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist/PM	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer	Scalpel Construction, Inc. Environmental Bulkhead Corp. (EBC)
Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated soil to approximately 15 feet below grade surface (bgs) along the northwestern boundary of the Site for the installation of lagging.
- -The contractor installed rebar above the first floor concrete slab in the central and eastern portions of the site.

Equipment Delivered to Site:

- A small Komatsu 128U excavator was delivered to the site.

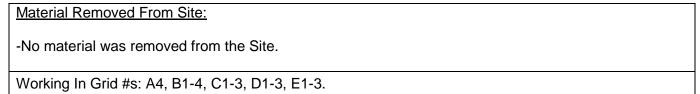
Equipment Removed from Site:

- No equipment was removed from the Site.

Material Delivered to Site:

- No material was delivered to the Site.

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Samples Collected:

- One (1) sidewall endpoint sample, identified as EP-28, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC exceedances or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, September 12, 2016):

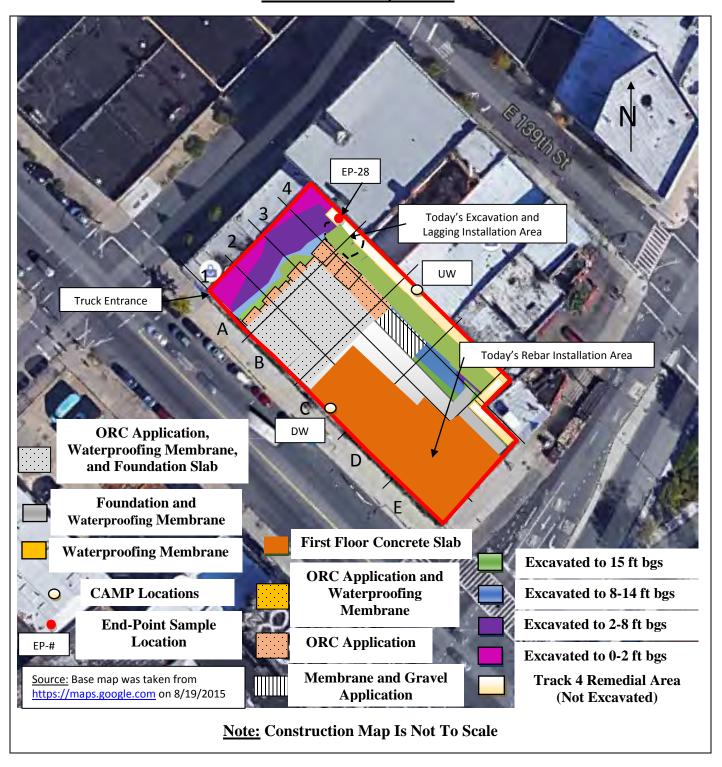
- -The contractor anticipates to excavate for the installation of lagging along the northwestern boundary of the Site.
- -The contractor anticipates to remove soil off-site.

	Clean Earth o Carteret, Ne (Non-Hazaro	ew Jersey								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roddy	-	-								
Total	583	14,575								

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 09/09/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor installing lagging in the northwestern boundary of the Site, facing northeast.



Photo 2 –

View of the contractor installing rebar in the central and eastern area of the Site, facing northeast.



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Photo 3 –

View of the construction activities, facing southeast.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast		Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50	50-70	Х	70-85		>85	
WIND	N 0-15 mph	1							

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	09/12/2016
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager	Environmental Bulkhead Corp. (EBC)
Edwin – Security Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated soil to approximately 15 feet below grade surface (bgs) along the northeastern boundary of the Site in preparation of the concrete mud slab installation
- -The contractor stockpiled soil in the northwestern boundary of the site in preparation for later off-site disposal.
- -The contractor dewatered the northeastern area of the site during excavating activities.
- -The contractor continued to install rebar above the first floor concrete slab.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

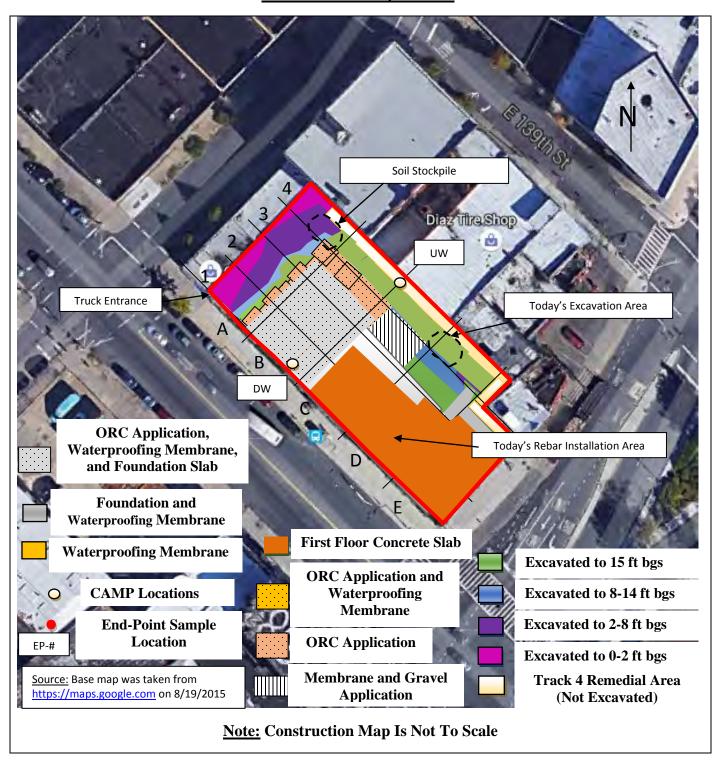
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						•				
Material Re	moved Fron	n Site:								
-No materia	l was remov	ed from th	ne Site.							
Working In Grid #s: A4, B1-4, C1-4, D1-4, E1-3.										
Samples Co	ollected:									
- None										
Community	Air Monitori	ng Plan (C	CAMP):							
-Air monitor	ing was per	formed and	d there	were no \	OC or F	PM-10 ex	ceedanc	es.		
Problems E	ncountered:									
-None.										
Description	of Upcomin	g Work Ac	tivities (Tuesday	, Septem	ber 13, 2	<u>:016):</u>			
-The contra	ctor anticipa	ntes loadin	g excav	ated soil	into dum	p trucks t	or off-sit	e disposa	al.	
	Clean Earth Carteret, N (Non-Hazar	ew Jersey [°]								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-									
Total	583	14,575	_						-	
* = cubic ya	rd totals are	approxim	ate sinc	e counte	rsigned r	nanifests	have ye	t to been	received	

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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 09/12/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the northeastern boundary of the Site, facing northwest.

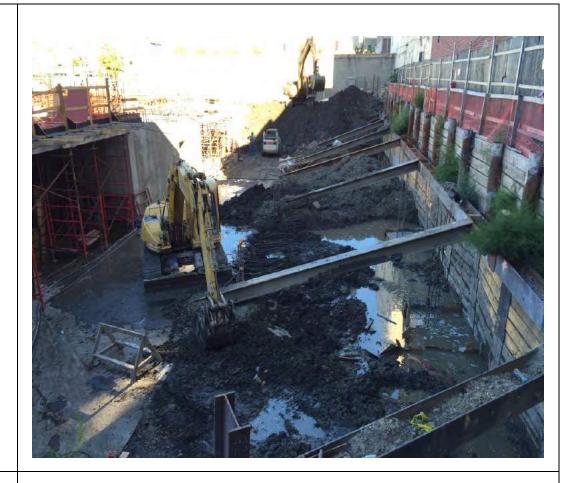


Photo 2 –

View of the contractor excavating in the northeastern portion of the site, facing southeast.



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Photo 3 –

View of the superstructure construction, facing northwest.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50	50-70	70-85	Χ	>85	
WIND	SSW 2-8 m	ph						

NYSDEC Project No:	C203057	OER E-Number:	I E-Z	27	Date:	09/13/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	nnel On Site:				
Environmental Consultant:	Inspector(s):				
Brinkerhoff Environmental Services, Inc. Monica Norton – Environmental Scientist	Wang Technology Paul Tapias – Inspector				
Contractor:	Subcontractor(s):				
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.				

Equipment on Site:				
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC			
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks			
CAT 315 L Backhoe				
900H Sullair Generator				
Clean Force 1800 PSI Power Washer				
LANDA 3500 PSI Power Washer				
Bobcat Skid Steer				

Description of Work Performed:

- -The contractor excavated the stockpiled soil in the northern corner of the site and removed six (6) oads of soil to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor dewatered and graded the soil in the northeastern portion of the site in preparation for the installation of the concrete mud slab.
- -The contractor continued to install formwork for the second floor installation in the southeast portion of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

Page 1 of 5 File Name: <u>Daily Field Report 09/13/2016</u>

Material Removed From Site:

-Six (6) loads of soil were removed from the Site to Clean Earth of Carteret located in Carteret, New Jersey.

Working In Grid #s: A4, B4, C1-4, D1-4, E1-3.

Samples Collected:

-Two (2) base endpoint samples, identified as EP-29 and EP-30, were collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, September 14, 2016):

- -The contractor anticipates to remove approximately five (5) loads of excavated soil for off-site disposal to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor anticipates to install the waterproofing membrane above the concrete mud slab in the northeast portion of the Site.

	Carteret, N	of Carteret, New Jersey ardous Soil)								
Tada	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	6	150								
Total	589	14,725								
*										

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

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Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the northern corner of the Site, facing north.



Photo 2 –

View of the contractor directly loading the material for off-site disposal, facing north.



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Photo 3 -

View of the Site, facing south.



Photo 4 –

View of the formwork for the second floor installation in the southeast portion of the Site, facing northeast.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

NYSDEC

WEATHER	Snow	Rain	Overcast	Partly Cloudy		Bright Sun	Х
TEMP.	0 TO 32	32-50	50-70	70-85	Х	>85	
WIND	SSW 2-8 m	ph					

C203057 OER E-Number: E-227 09/14/2016 Date: Project No:

255 E. 138th Street, Bronx, New York Location: Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated the stockpiled soil in the northwestern corner of the site and removed five (5) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor dewatered and excavated the soil in the northcentral portion of the site in preparation for the installation of the concrete mud slab.
- -The contractor continued to install formwork for the second floor installation in the southeast portion of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

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Material Removed From Site:

-Five (5) loads of soil were removed from the Site to Clean Earth of Carteret located in Carteret, New Jersey.

Working In Grid #s: A4, B4, C1-4, D1-4, E1-3.

	Sam	ples	Col	lected:
--	-----	------	-----	---------

-None

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Wednesday, September 14, 2016):

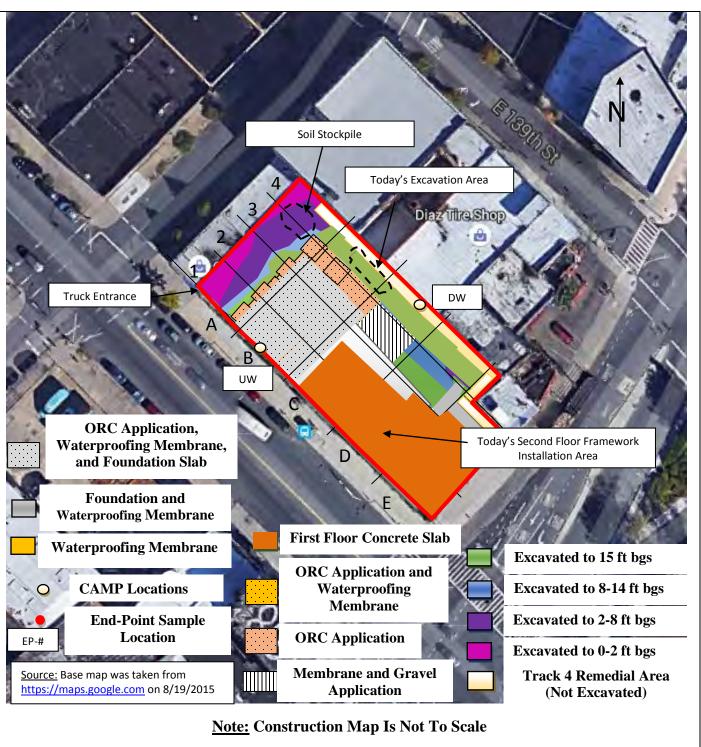
- -The contractor anticipates to remove approximately three (3) loads of excavated soil for off-site disposal to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor anticipates to install the waterproofing membrane above the concrete mud slab in the northcentral portion of the Site.

	Clean Earth of Carteret, Ne (Non-Hazaro	ew Jersey								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	5	125								
Total	594	14,850								

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

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Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating along the northern boundary of the Site, facing southeast.



Photo 2 -

View of the contractor directly loading material for off-site disposal, facing west.



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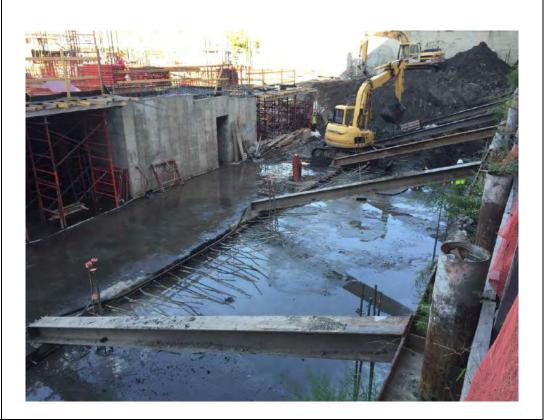
Photo 3 –

View of the second floor installation, facing northeast.



Photo 4 –

View of the installed concrete mud slab along the northern boundary of the site, facing west.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32	32-50	50-70	70-85	Χ	>85	
WIND	N 0-15 mph						

 NYSDEC Project No:
 C203057
 OER E-Number:
 E-227
 Date:
 09/15/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer Alex Adduci – Project Manager Edwin – Security	Environmental Bulkhead Corp. (EBC)
Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated in the northwestern corner of the site and removed six (6) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor excavated and graded soil to approximately 15 feet below grade surface (bgs) along the northwestern boundary of the Site in preparation of the concrete mud slab installation.
- The contractor continued to install formwork for the second floor installation in the southeast portion of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

Page 1 of 5 File Name: <u>Daily Field Report 09/15/2016</u>

Material Removed From Site:

- Six (6) truck-loads of soil were removed from the Site to Clean Earth of Carteret located in Carteret, New Jersey.

Working In Grid #s: A4, B1-4, C1-4, D1-4, E1-3.

Samples Collected:
- None
Community Air Monitoring Plan (CAMP):
-Air monitoring was performed and there were no VOC or PM-10 exceedances.

<u>Problems Encountered:</u>

-None.

Description of Upcoming Work Activities (Friday, September 16, 2016):

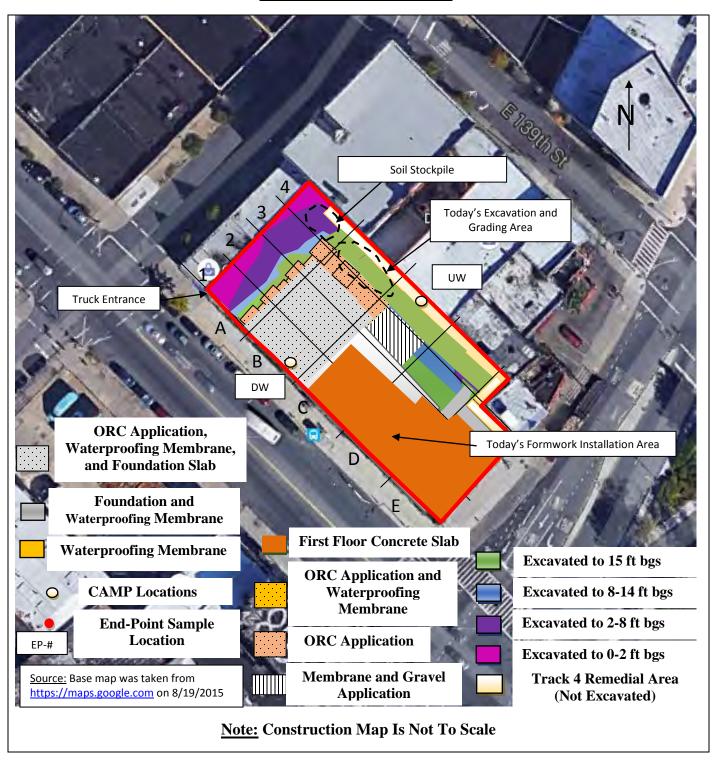
-The contractor anticipates to install the concrete mud slab in the central and northwestern portion of the site.

	Clean Earth o Carteret, Ne (Non-Hazaro	ew Jersey [*]								
	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today										
,	6	150								
Total	600	15,000		·			•	·		

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

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Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 09/15/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the northwestern corner of the Site, facing northwest.

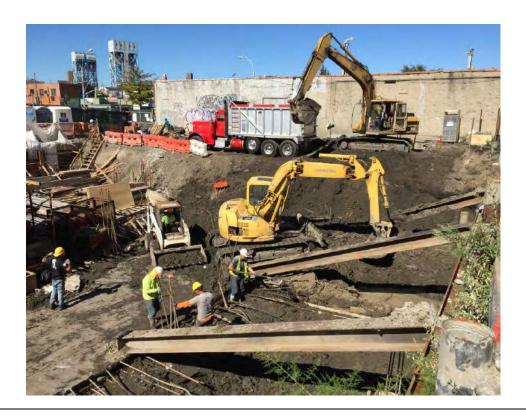


Photo 2 –

View of the contractor directly loading material for off-site disposal, facing northwest.



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Photo 3 –

View of the site, facing northwest.

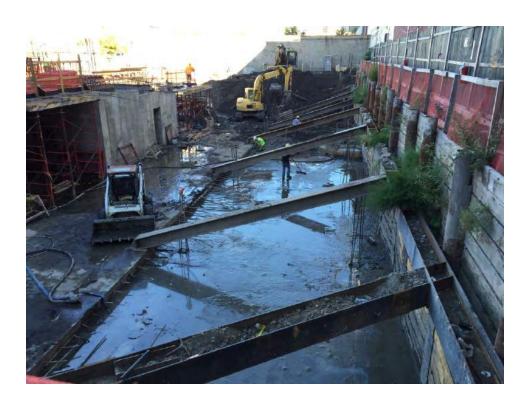


Photo 4 –

View of the second floor installation, facing northeast



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50	50-70	70-85	Х	>85	
WIND	N 0-15 mph	1						

 NYSDEC Project No:
 C203057
 OER E-Number:
 E-227
 Date:
 09/16/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:									
Environmental Consultant:	Inspector(s):								
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul Tapias – Inspector								
Contractor:	Subcontractor(s):								
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer	Scalpel Construction, Inc. Environmental Bulkhead Corp. (EBC)								
Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Environmental Bandicaa Gorpi (EBG)								

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated and graded soil to 15 feet below grade surface (bgs) along the northwestern boundary of the Site for preparation of the concrete mud slab.
- -The contractor de-watered the northwestern portion of the site during excavation activities.
- -The contractor poured concrete around the helical pier in the northwest corner of the site.
- -The contractor continued to install formwork and rebar for the second floor of the building structure.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

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Material Delivered to Site:										
-No material was delivered to the Site.										
Material Rer	moved From	Site:								
-No materia	-No material was removed from the Site.									
Working In (Grid #s: A4,	B1-4, C1-	3, D1-3,	E1-3.						
Samples Co	llected:									
-One (1) bas analysis of 1 Trivalent Ch	arget Comp	ound List	(TCL) a	ind Targe	et Analyte	e List (TA	L) paran	neters an	d Hexava	alent and
Community	Air Monitorir	ng Plan (C	AMP):							
-Air monitori	ng was perf	ormed and	d there v	were no \	/OC or F	PM-10 ex	ceedanc	es.		
Problems Er	ncountered:									
-None.										
Description	of Upcoming	Work Ac	tivities (Wedneso	day, Sept	tember 7	, 2016):			
-The contractor anticipates to install the waterproofing membrane along the northern boundary of the site.										
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Todov	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	-									
Total	583	14,575								
* = cubic yaı	rd totals are	approxima	ate sinc	e counte	rsigned r	nanifests	have ye	t to been	received	

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Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating along the northern boundary of the site, facing northeast.



Photo 2 –

View of the second floor installation, facing southeast.



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Photo 3 –

View of the concrete mud slab, facing northwest.



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Field Representative(s): Rachael Barr

C203057

Client: East 138th Street LLC

NYSDEC

Project No:

WEATHER	Snow		Rain	Overcast	Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32		32-50	50-70	70-85	Χ	>85	
WIND	SSW 2-8 m	ph						

OER E-Number: E-227 Date: 09/21/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:									
Environmental Consultant:	Inspector(s):								
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul Tapias – Inspector								
Contractor:	Subcontractor(s):								
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.								

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated in the northwestern corner of the site and removed six (6) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor installed the Preprufe 300R waterproofing membrane, manufactured by Grace, along the northern boundary of the site.
- -The contractor welded the pile caps located within the western ramp area of the site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

Page 1 of 5 File Name: <u>Daily Field Report 09/21/2016</u>

Material Removed From Site:

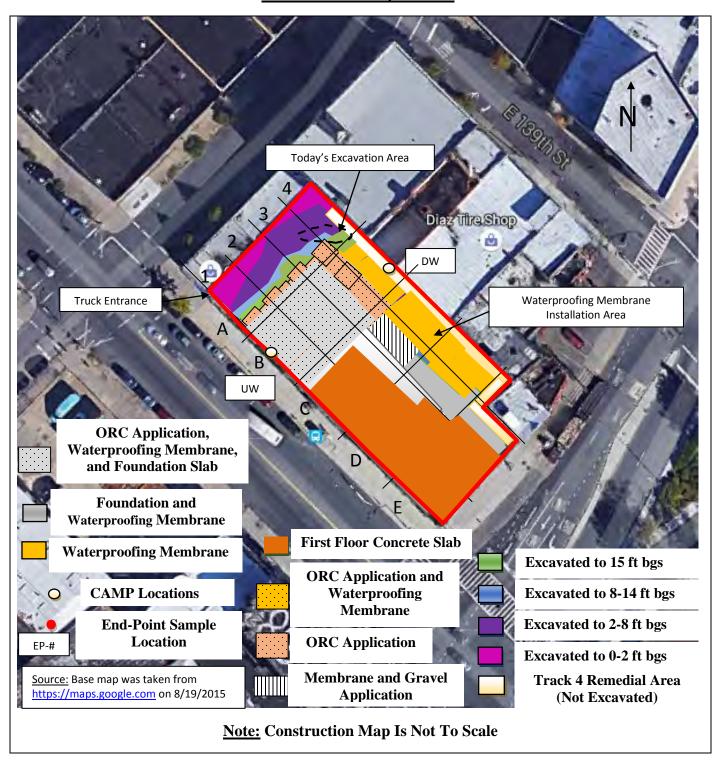
-Six (6) loads of soil were removed from the Site to Clean Earth of Carteret located in Carteret, New Jersey.

Working In Grid #s: A4, B4, C3-4, D3-4, E-3.

Samples Co	ollected:									
-None.										
Community	Air Monitor	ring Plan (CAM	<u> P):</u>							
-Air monitor	ing was pe	rformed and th	ere were	e no VOC	C or PM	-10 exce	edances	i.		
Problems E	ncountered	<u>1:</u>								
-None.										
Description	of Upcomir	ng Work Activit	ies (Thu	rsday, S	eptemb	er 22, 20	<u>16):</u>			
-The contra in the north	•	ates to continuon of the Site.	e the ins	stallation	of the w	vaterproc	fing mei	mbrane a	and cond	rete slab
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Todov	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	6	150								
Total	595	14,875								

* = cubic yard totals are approximate since countersigned manifests have yet to been received

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 09/21/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor directly loading soil for off-site disposal in the western portion of the Site, facing west.

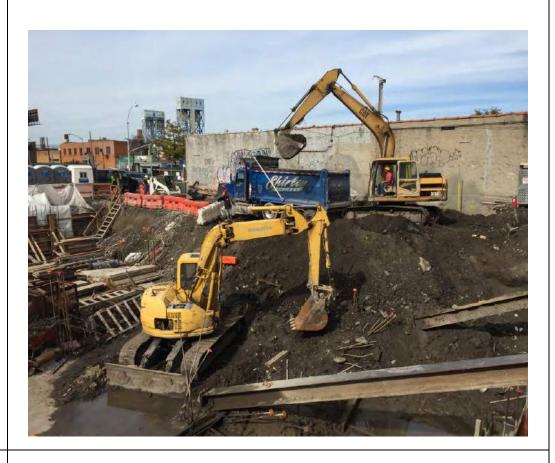


Photo 2 -

View of the excavation area in the western portion of the site, facing north.



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Photo 3 –

View of the installed waterproofing membrane in the northern portion of the site, facing northwest.



Photo 4 -

View of the contractor directly loading soil for off-site removal in the western portion of the Site, facing north.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32	32-50	50-70	70-85	Χ	>85	
WIND	NW 0-5 mpł	า					

NYSDEC Project No:	C203057	OER E-Number:	L-Z	27	Date:	09/23/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:									
Environmental Consultant:	Inspector(s):								
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector								
Contractor:	Subcontractor(s):								
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.								

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor excavated in the northwestern corner of the site and removed six (6) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor installed rebar above the Preprufe 300R waterproofing membrane, manufactured by Grace, along the northern boundary of the site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

Page 1 of 5 File Name: <u>Daily Field Report 09/23/2016</u>

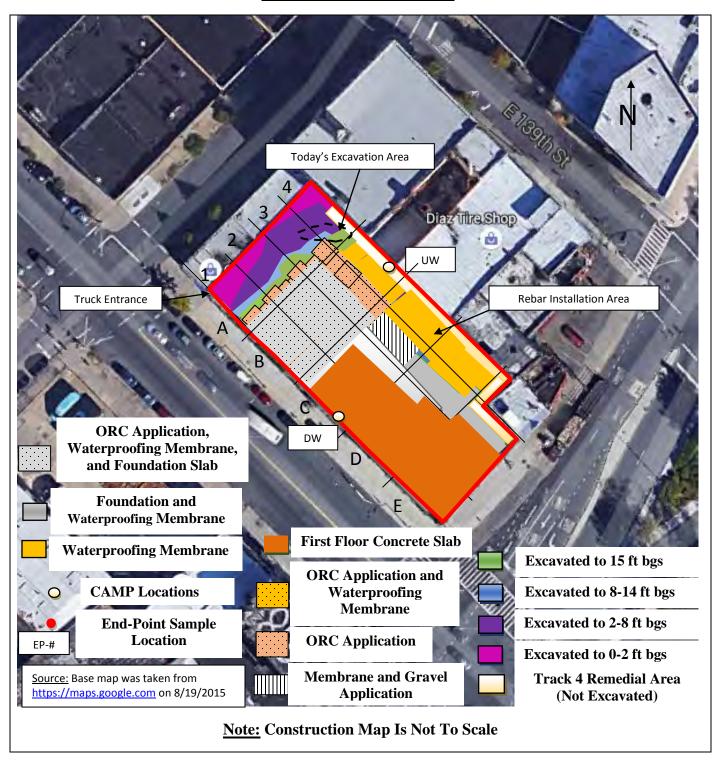
Material Delivered to Site:

-A truck load of rebar was delivered to the Site.

Material R	Material Removed From Site:										
-Six (6) loads of soil were removed from the Site to Clean Earth of Carteret located in Carteret, New Jersey.											
Working In Grid #s: A3-4, B4, C3-4, D3-4, E-3											
Samples Co	ollected:										
-None.											
Community	Air Monitor	ring Plan (CAMP)	<u>):</u>								
-Air monitor	ing was pe	rformed and ther	e were	no VOC	or PM-1	0 excee	dances.				
Problems E	ncountered	<u>l:</u>									
-None.											
Description	of Upcomir	ng Work Activities	s (Satur	rday, Ser	otember	24, 2016	<u>6):</u>				
-The contra	ctor anticipa	ates to pour the o	concret	e slab in	the nort	hern por	tion of th	e Site			
	Cartere	arth of Carteret, et, New Jersey azardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds	
Today	6	150									
Total	601	15,025									
* = cubic ya	rd totals are	e approximate si	nce cou	ıntersign	ed mani	fests hav	e yet to	been red	ceived		

Page 2 of 5 File Name: <u>Daily Field Report 09/23/2016</u>

Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 09/23/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the northwestern portion of the Site, facing southwest.



Photo 2 –

View of the contractor directly loading soil for off-site removal, facing west.



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Photo 3 –

View of the site facing south.

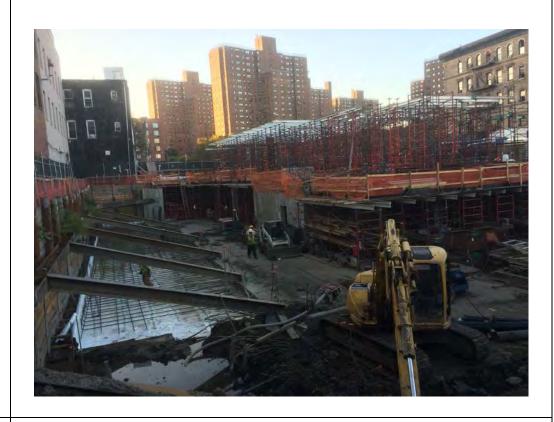
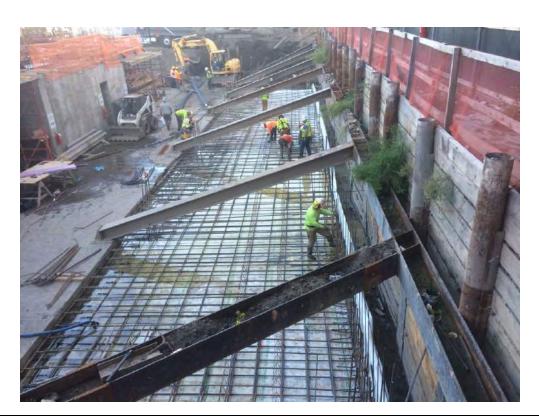


Photo 4 –

View of the contractor installing rebar in the northern portion of the Site, facing west.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow	Rain	Х	Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	0 TO 32	32-50		50-70	Х	70-85	>85	
WIND	NW 0-5 mph	 າ					 	

	NYSDEC Project No:	C203057	OER E-Number:	E-Z	27	Date:	09/27/2016
- 1		_					

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:							
Environmental Consultant:	Inspector(s):						
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul Tapias – Inspector						
Contractor:	Subcontractor(s):						
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.						

Equipment on Site:							
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC						
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks						
CAT 315 L Backhoe							
900H Sullair Generator							
Clean Force 1800 PSI Power Washer							
LANDA 3500 PSI Power Washer							
Bobcat Skid Steer							

Description of Work Performed:

- -The contractor excavated soil in the western portion of the site along the adjacent building in preparation for the underpinning installation.
- -The contractor installed rebar and formwork for the foundation wall in the northeast portion of the site.
- -The contractor installed lagging along the western boundary of the site for the underpinning installations.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

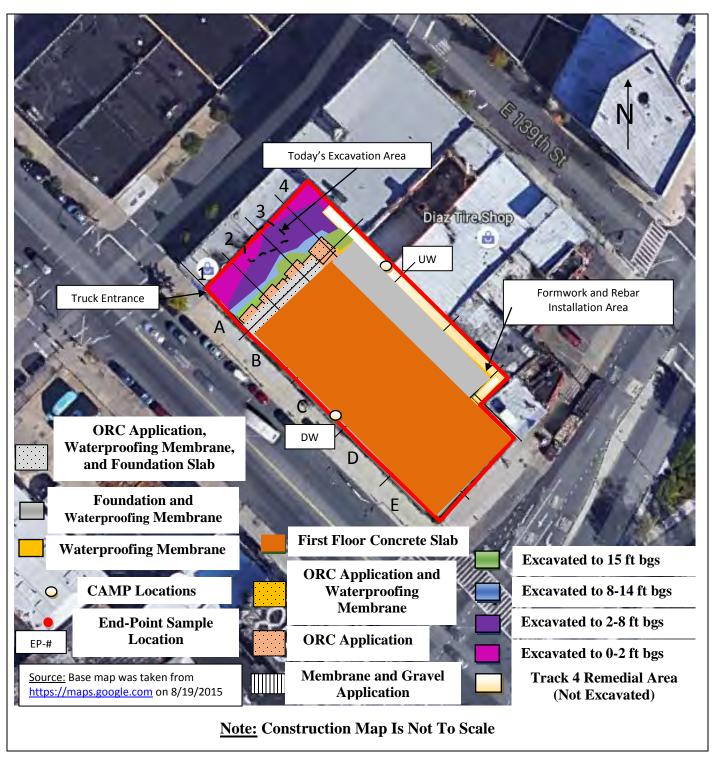
- No equipment was removed from the Site.

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Material D	elivered to	<u>Site:</u>								
		was delivered to was delivered to								
Material R	emoved Fro	om Site:								
-None.										
Working In	Grid #s: A	2-4, B4, C3-4, D	3-4, E-3	3						
Samples Co	ollected:									
-None.										
Community	Air Monitor	ring Plan (CAMP)	<u>):</u>							
-Air monitor	ing was pe	rformed and ther	e were	no VOC	or PM-1	0 exceed	dances.			
Problems E	ncountered	<u>l:</u>								
-None.										
Description	of Upcomir	ng Work Activities	s (Wedı	nesday, S	Septemb	oer 28, 2	016):			
-The contra	ctor anticipa	ates to pour cond	crete wi	thin the (underpin	ning loca	ations.			
	Cartere	arth of Carteret, et, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Total	601	15,025								<u> </u>
* = cubic ya	rd totals ar	e approximate si	nce cou	ıntersign	ed mani	fests hav	e yet to	been re	ceived	

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Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 09/27/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the western portion of the Site for the underpinning installation, facing north.

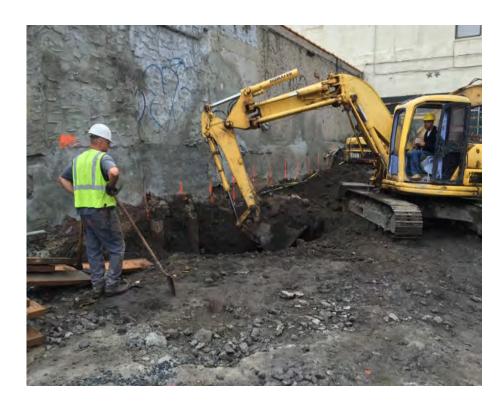


Photo 2 -

View of the underpinning excavation along the western boundary of the site, facing northwest.



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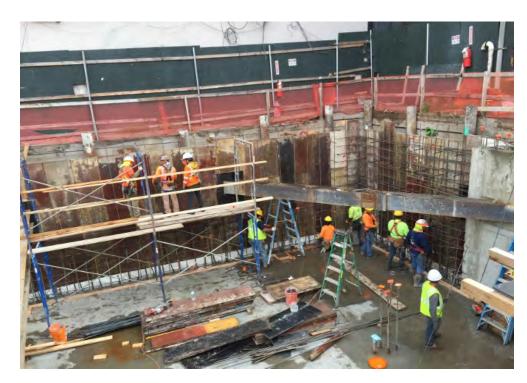
Photo 3 –

View of the installed lagging within the underpinning excavation, facing northwest.



Photo 4 –

View of the contractor installing formwork and rebar for the foundation wall in the northeast portion of the Site, facing east.



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File Name: ____Daily Field Report 09/27/2016_

Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow		Rain	Х	Overcast		Partly Cloudy	Bright Sun	
TEMP.	0 TO 32		32-50		50-70	Х	70-85	>85	
WIND	NW 0-5 mph	h							

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/04/2016
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:							
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC						
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks						
CAT 315 L Backhoe							
900H Sullair Generator							
Clean Force 1800 PSI Power Washer							
LANDA 3500 PSI Power Washer							
Bobcat Skid Steer							

Description of Work Performed:

- The contractor excavated in the northwest corner of the site and removed four (4) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor installed rebar and formwork for the foundation wall along the southern boundary of the site and for the second floor installation in the northeast portion of the site.
- -The contractor installed lagging along the western boundary of the site for the underpinning installations.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

- No equipment was removed from the Site.

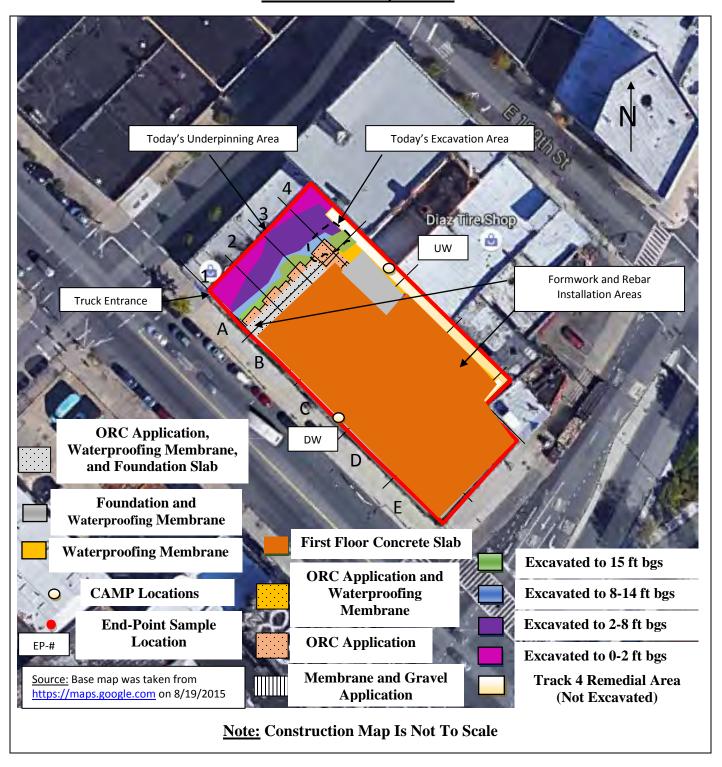
Page 1 of 5 File Name: <u>Daily Field Report 10/04/2016</u>

Material De	elivered to S	<u>Site:</u>								
-None.										
Material Re	emoved Fro	m Site:								
-A truck loa	ad of formw	ork was remove	ed from	the site.						
Working In	Grid #s: A2	2-4, B1-2, C3-4	, D3-4, I	E-3						
Samples Co	ollected:									
-None.										
Community	Air Monitor	ring Plan (CAM	P):							
However, n exceedance exceedance	- From 08:56 to 09:12, 15-minute average PM-10 exceedances were observed in the downwind location. However, no fugitive dust was observed during this time interval. The 15-minute average PM-10 exceedances were likely a result from equipment malfunction. No other 15-minute average PM-10 exceedances were observed for the remainder of the day. Additionally, no 15-minute VOC exceedances were observed.) 10		
Problems E	ncountered	<u>l:</u>								
-None.										
Description	of Upcomir	ng Work Activiti	es (We	dnesday,	Octobe	er 5, 2016	<u>s):</u>			
-The contractor anticipates to continue the underpinning installation along the western boundary of the site.										
	Cartere	urth of Carteret, t, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Touay	4	100								
Total	605	15,125								
* = cubic va	rd totals ar	e approximate :	since co	puntersia	ned mar	nifests ha	ve vet t	o been re	eceived	

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File Name: Daily Field Report 10/04/2016

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

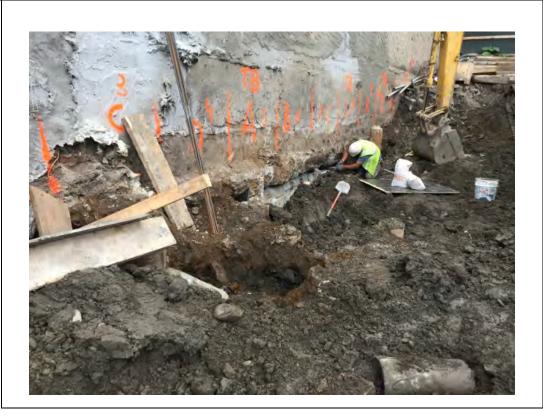
Photo 1 –

View of the contractor installing formwork and rebar along the southern wall, facing south.



Photo 2 -

View of the underpinning installation along the western boundary of the site, facing north.



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Photo 3 -

View of the formwork installation in the northeast portion of the site, facing north.



Photo 4 –

View of the contractor directly loading soil for off-site disposal to Clean Earth of Carteret Facility in Carteret, New Jersey, facing north.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast		Partly Cloudy	Bright Sun	Х
TEMP.	0 TO 32	32-50	50-70	Х	70-85	>85	
WIND	NW 0-5 mpł	า					

NYSDEC	C203057	OER E-Number:	E-227	Date:	10/10/2016
Project No:					

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor installed the Preprufe 300R waterproofing membrane, manufactured by Grace, along the northern boundary of the Site.
- -The contractor installed rebar for the second floor foundation of the superstructure in the northeastern portion of the Site and continued to install formwork for the third floor of the superstructure in the central portion of the Site.
- -Additionally, the contractor continued to install underpinning along the western boundary of the Site.

Equipment Delivered to Site:

- No equipment was delivered from the Site.

Equipment Removed from Site:

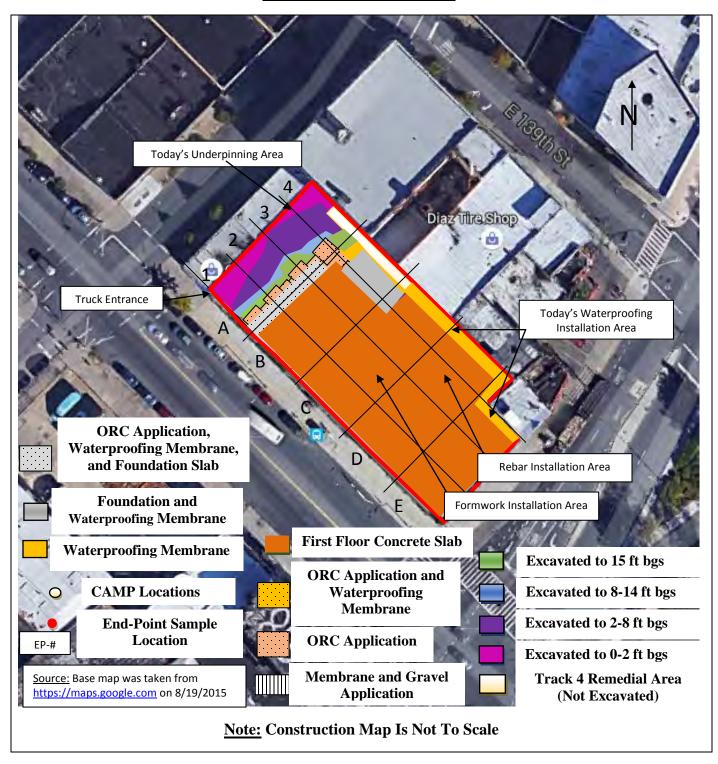
-No equipment was removed from the Site.

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Material De	elivered to S	Site:								
-None.										
Material Re	emoved Fro	m Site:								
-A 10 cubic	yard conta	ainer filled with v	wood w	as remov	ved from	the Site				
Working In	Grid #s: A3	3-4, B1-4, C1-4,	D3-4, I	E-4.						
Samples Co	ollected:									
-None.										
Community	Air Monitor	ring Plan (CAMI	<u>P):</u>							
-CAMP was	not perfori	med because no	o soil e	xcavatior	n activitie	es occuri	red toda	y.		
Problems E	ncountered	<u>l:</u>								
-None.										
Description	of Upcomir	ng Work Activitie	es (Tue	sday, Od	ctober 1	1, 2016):				
-The contractor anticipates to excavated in the northern corner of the Site and remove approximately four (4) truck-loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, NJ. -The contractor anticipates to continue installing rebar and formwork in the eastern and central portions of the Site. -The contractor anticipates to continue the underpinning installation along the western boundary of the site.										
	Cartere	orth of Carteret, t, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Total	- 605	- 15,125								
		e approximate s	since co	untersig	ned mar	nifests ha	ave yet t	o been r	eceived	

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Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the installed waterproofing membrane along the northern boundary of the Site, facing east.

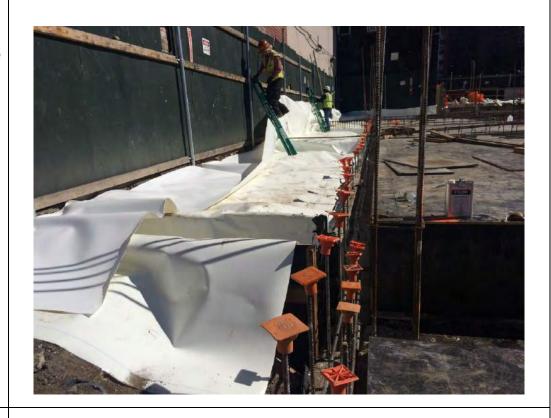


Photo 2 –

Additional view of the installed waterproofing membrane along the northern boundary of the Site, facing north.



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Photo 3 -

Close-up view of the installed waterproofing membrane, bituthene liquid membrane, and tape along the northern boundary of the Site.



Photo 4 –

View of the installed rebar in the northern portion of the Site, facing west.



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Photo 5 –

View of the superstructure installation, facing east.



File Name: ____Daily Field Report 10/10/2016_

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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast		Partly Cloudy	Bright Sun	X
TEMP.	0 TO 32		32-50	50-70	Х	70-85	>85	
WIND	NW 0-5 mp	h						

 NYSDEC Project No:
 C203057
 OER E-Number:
 E-227
 Date:
 10/12/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering Storage and Treatment Tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- The contractor excavated in the northwest corner of the site and removed four (4) loads of soil to Clean Earth of Carteret located in Carteret, New Jersey.
- -The contractor installed the Preprufe 300R waterproofing membrane, manufactured by Grace, along the northern boundary of the Site.
- -The contractor installed rebar for the construction of the second floor of the superstructure in the northeastern and south-central portions of the Site and continued to install formwork for the second floor of the superstructure in the north-central portion of the Site.
- -The contractor continued to underpin along the northwestern boundary of the Site.

Equipment Delivered to Site:

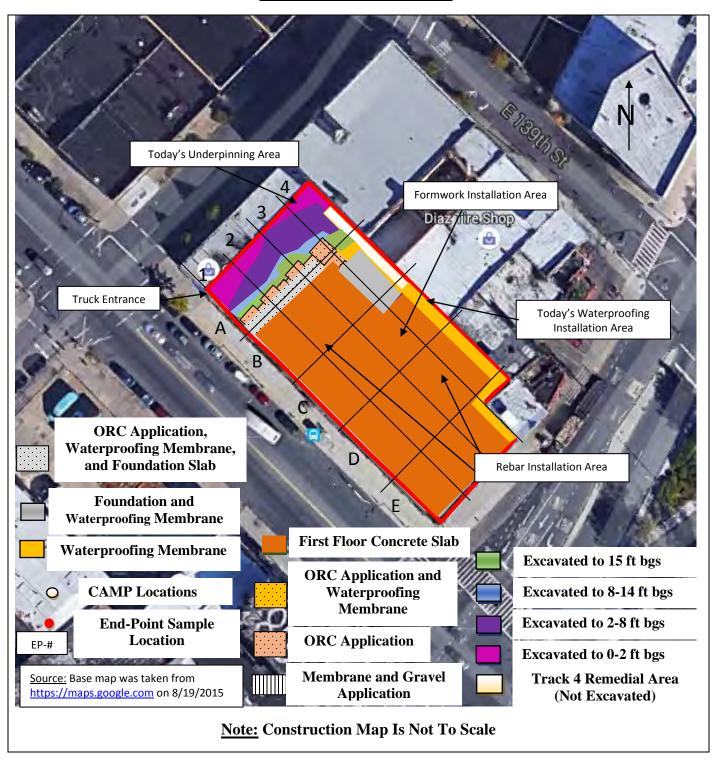
- No equipment was delivered from the Site.

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		L	AILT FI	ELD ACI	IVIII KE	PUKI				
Equipment	Removed f	rom Site:	_	_	_	_		_		
-No equipn	nent was re	moved from the	Site.							
Material De	elivered to S	Site:								
-None.										
Material Re	emoved Fro	m Site:								
` '	- Four (4) loads of non-hazardous soil were removed off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.								lity	
Working In	Grid #s: A3	3-4, B1-4, C1-4,	D3-4, I	E-4.						
Samples Co	ollected:									
-None.										
Community	Air Monitor	ring Plan (CAMI	<u>P):</u>							
on the Dust	Track II Ae	I today; howeve erosol Monitor. A served througho	Addition	nally, no v						ecorded
Problems E	ncountered	<u>l:</u>								
-None.										
Description	of Upcomir	ng Work Activitie	es (Thu	ırsday, O	ctober 1	3, 2016)	<u>:</u>			
portions of	the Site.	ates to continue		Ü						
	Cartere	urth of Carteret, t, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	4	100								
Total	609	15,225								
* = cubic ya	ird totals ar	e approximate s	since co	ountersig	ned mar	nifests ha	ave yet t	o been re	eceived	

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Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the installed rebar and waterproofing membrane along the northern boundary of the Site, facing northwest.



Photo 2 –

View of the underpinning installation along the western boundary, facing northwest.



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Photo 3 -

View of the contractor installing the second floor of the superstructure in the south-central portion of the site, facing north.



Photo 4 –

View of the contractor directly loading soil for off-site disposal, facing north.



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Photo 5 –

View of the underpinning installation along the western boundary, facing west.



File Name: ____Daily Field Report 10/12/2016_

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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow	Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32	32-50		50-70		70-85	Χ	>85	
WIND	SSW 5-10 mph								

 NYSDEC Project No:
 C203057
 OER E-Number:
 E-227
 Date:
 10/18/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	Wang Technology
Rachael Barr – Environmental Scientist	Paul Tapias – Inspector
Sean Harrison – Project Manager	The state of the s
Contractor:	Subcontractor(s):
Lettire Construction Corp.	Scalpel Construction, Inc.
Ratko Krneta – Construction Site Superintendent &	ocalper construction, inc.
Safety Officer	Environmental Remediation and Financial
Alex Adduci – Project Manager	Services, LLC
Edwin – Security	
Ronmel Cimpoberde – Laborer	
NYSDEC Personnel:	
Bryan Wong – Project Manager	

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering storage and treatment tanks
CAT 315 L Backhoe	
900H Sullair Generator	Environmental Remediation and Financial
Clean Force 1800 PSI Power Washer	Services, LLC
LANDA 3500 PSI Power Washer	Geoprobe 54LT, 10 55-gallon drums of hydrogen
Bobcat Skid Steer	peroxide, and mixing drums

Description of Work Performed:

- -Environmental Remediation and Financial Services, LLC (ERFS) was on-site and installed one (1) temporary monitoring well, identified as TMW-2, within the treatment area in the western portion of the Site. Additionally, ERFS advanced three (3) temporary direct-push points within the treatment area and injected 323 gallons of hydrogen peroxide and 72 gallons of catalyst between six (6) and 15 feet below grade surface (bgs).
- -Prior to the start of the chemical injections, Brinkerhoff collected a groundwater sample from the permanent off-site monitoring well, SMW-1, and from the temporary monitoring well, TMW-2.
- -The contractor continued to install rebar for the construction of the second floor of the superstructure in the northeastern and south-central portions of the Site and continued to install formwork for the second floor of the superstructure in the north-central portion of the Site.

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Equipment Delivered to Site: - A Geoprobe 54LT was delivered to the Site. Equipment Removed from Site: -No equipment was removed from the Site. Material Delivered to Site: -Ten (10) 55-gallon drums of hydrogen peroxide were delivered to the Site. Material Removed From Site: - None Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4. Samples Collected: -Two (2) groundwater samples identified as SMW-1 and TMW-2 were collected and submitted to the laboratory for analysis of Total Compound List (TCL) Volatile Organic Compounds (VOCs). Reference the Construction Map below for the sample locations. Community Air Monitoring Plan (CAMP): -Air monitoring was performed and there were no VOC or PM-10 exceedances. **Problems Encountered:** -None.

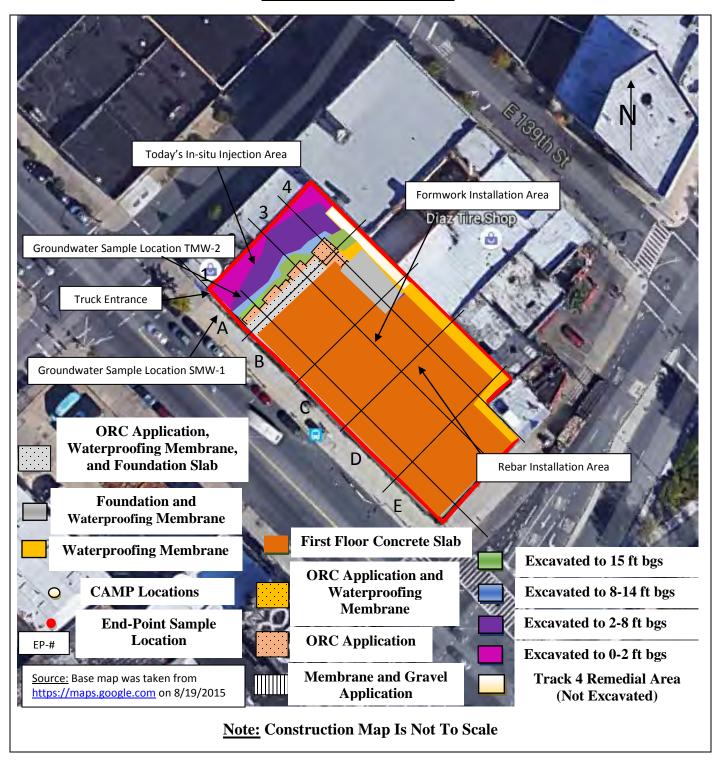
Description of Upcoming Work Activities (Wednesday, October 19, 2016):

- -The contractor anticipates to continue installing rebar and formwork in the northeastern and central portions of the Site.
- -ERFS will continue with the in-situ chemical injections along the western boundary of the Site.

	Cartere	orth of Carteret, t, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
loday	-	-								
Total	609	15,225								
4 1 '	111							-		

* = cubic yard totals are approximate since countersigned manifests have yet to been received

Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of ERFS setting up the chemical storage and mixing platform along the western boundary of the Site, facing north.

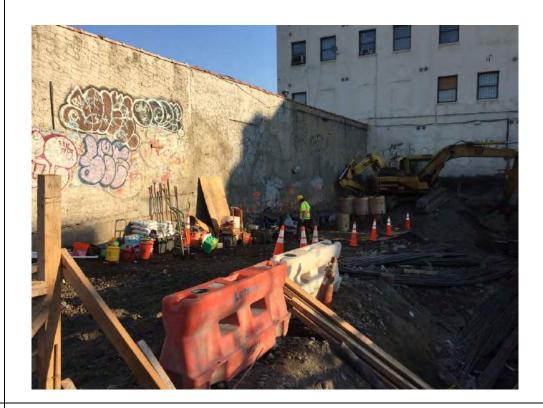


Photo 2 -

View of ERFS installing the on-site temporary monitoring well, facing southwest.



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Photo 3 -

View of ERFS unloading the injection chemicals onto the storage platform, facing north.



Photo 4 -

View of ERFS advancing the first temporary directpush injection point, facing northeast.



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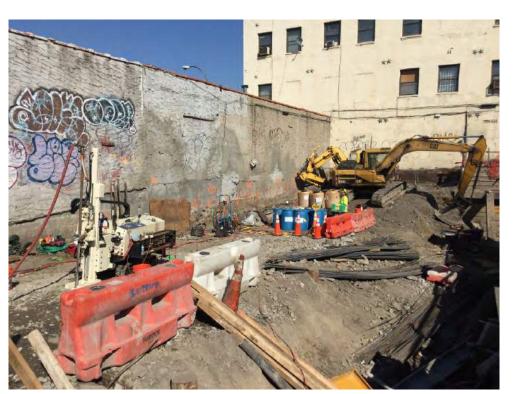
Photo 5 –

View of ERFS performing the in-situ chemical injections, facing northwest.



Photo 6 -

View of the contained chemical storage and mixing area, facing north.



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Photo 7 –

View of ERFS grouting and vacuuming a breakthrough area along the sidewall of the entrance ramp.

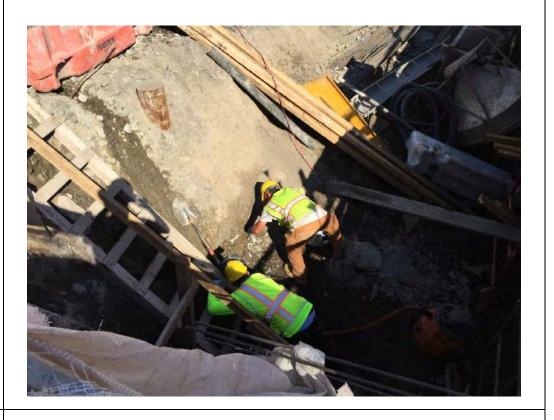
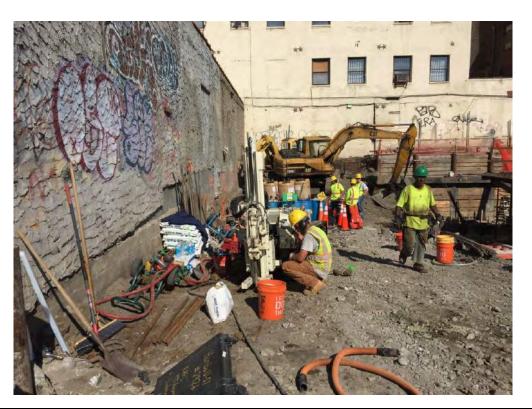


Photo 8 –

View of ERFS advancing the third direct-push injection point, facing northeast.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast	Partly Cloudy		Bright Sun	X
TEMP.	0 TO 32	32-50	50-70	70-85	Х	>85	

WIND SSW 5-10 mph

 NYSDEC Project No:
 C203057
 OER E-Number:
 E-227
 Date:
 10/19/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp.	Scalpel Construction, Inc.
Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Joseph – Security	Environmental Remediation and Financial Services, LLC
Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering storage and treatment tanks
CAT 315 L Backhoe	
900H Sullair Generator	Environmental Remediation and Financial
Clean Force 1800 PSI Power Washer	Services, LLC
LANDA 3500 PSI Power Washer	Geoprobe 54LT, 10 55-gallon drums of hydrogen
Bobcat Skid Steer	peroxide, and mixing drums

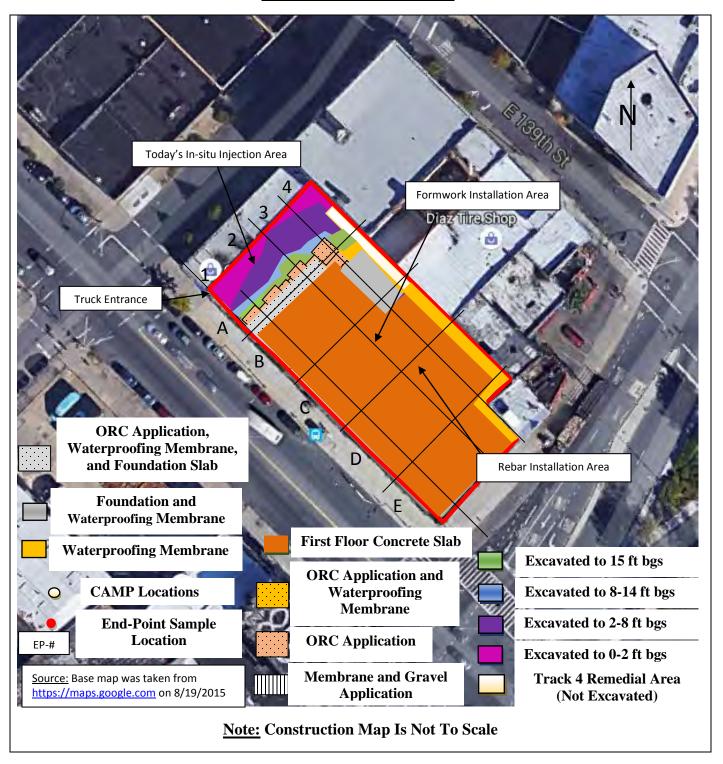
Description of Work Performed:

- -Environmental Remediation and Financial Services, LLC (ERFS) was on-site and advanced two (2) temporary direct-push points, identified as T-4 and TP-5, within the treatment area at depths ranging between 14 and 16 feet below grade surface (bgs). Additionally, ERFS installed three (3) one-inch PVC temporary injection wells identified as TP-6 through TP-8. The one-inch well screens were installed from eight (8) to 18 feet bgs and the injections were performed without pressure and used gravity to feed the reagents into the subsurface.
- -A total of 335 gallons of hydrogen peroxide and 90 gallons of catalyst solution were injected into the subsurface between 14 and 18 feet bgs.
- -During the injection of TP-4, breakthrough occurred at the surface adjacent to the western building foundation approximately 10 feet west of the location. ERFS immediately stopped the injection and vacuumed the silty foam that surfaced. Once the breakthrough ceased and the area was sealed, the captured material was re-used for additional injections.
- -The contractor also continued to install rebar for the construction of the second floor in the northeastern and south-central portions of the Site and continued to install formwork for the second floor in the north-central portion of the Site.

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Equipmen	t Delivered	to Site:				Equipment Delivered to Site:									
- None.	- None.														
Equipment Removed from Site:															
-No equipment was removed from the Site.															
Material De	Material Delivered to Site:														
	- Approximately 10 bags of sand, 150 feet of PVC well screen and riser, hoses and manifolds were delivered to the Site for the in-situ injections.								/ere						
Material Re	emoved Fro	m Site:													
- None															
Working In	Grid #s: A1	I-4, B1-4, C1-4,	D3-4, I	E-4.											
Samples Co	ollected:														
-None.															
Community	Air Monitor	ring Plan (CAMI	P) <u>:</u>												
-Air monitor	ing was pe	rformed and the	ere were	e no VO(C or PM-	10 exce	edances	.							
Problems E	ncountered	<u>l:</u>													
-None.															
Description	of Upcomir	ng Work Activitie	es (Thu	rsday, O	ctober 2	<u>:0, 2016)</u>	<u>:</u>								
portions of t	the Site.	ates to continue								ntral					
	Carteret	orth of Carteret, t, New Jersey azardous Soil)													
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds					
Total	609	15,225													
* = cubic ya	rd totals are	e approximate s	since co	ountersig	ned mar	nifests ha	ave yet t	o been r	eceived						

Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of ERFS advancing the temporary directpush injection point TP-4, facing northeast.



Photo 2 –

View of ERFS advancing an additional temporary direct-push injection point, facing northeast.



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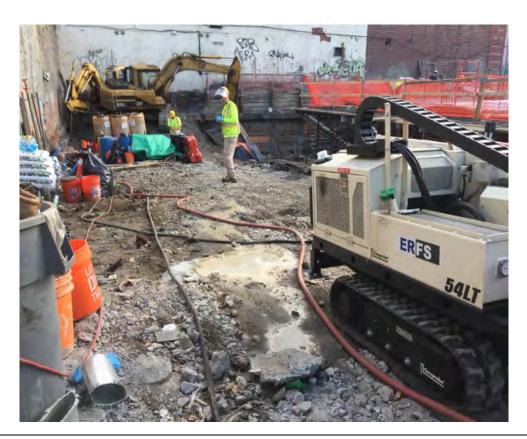
Photo 3 –

View of the contained chemical storage and mixing area, facing north.



Photo 4 –

View of the surface breakthrough area along the western boundary of the site, facing northeast.



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Photo 5 –

View of ERFS advancing multiple one-inch temporary injection well points to gravity feed the reagents into the subsurface, facing northeast.

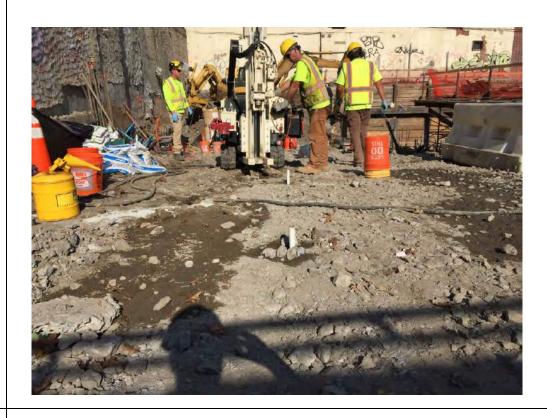


Photo 6 -

View of one (1) of the one-inch gravity feed injection wells, facing east.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow	Rain		Overcast		Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-50		50-70	Х	70-85		>85	
WIND	SSW 5-10 mph								

 NYSDEC Project No:
 C203057
 OER E-Number:
 E-227
 Date:
 10/20/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	Wang Technology
Rachael Barr - Environmental Scientist	Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp.	Scalpel Construction, Inc.
Ratko Krneta – Construction Site Superintendent &	
Safety Officer	Environmental Remediation and Financial
Alex Adduci – Project Manager	Services, LLC
Joseph – Security	
Ronmel Cimpoberde – Laborer	

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering storage and treatment tanks
CAT 315 L Backhoe	
900H Sullair Generator	Environmental Remediation and Financial
Clean Force 1800 PSI Power Washer	Services, LLC
LANDA 3500 PSI Power Washer	Geoprobe 54LT, 10 55-gallon drums of hydrogen
Bobcat Skid Steer	peroxide, and mixing drums

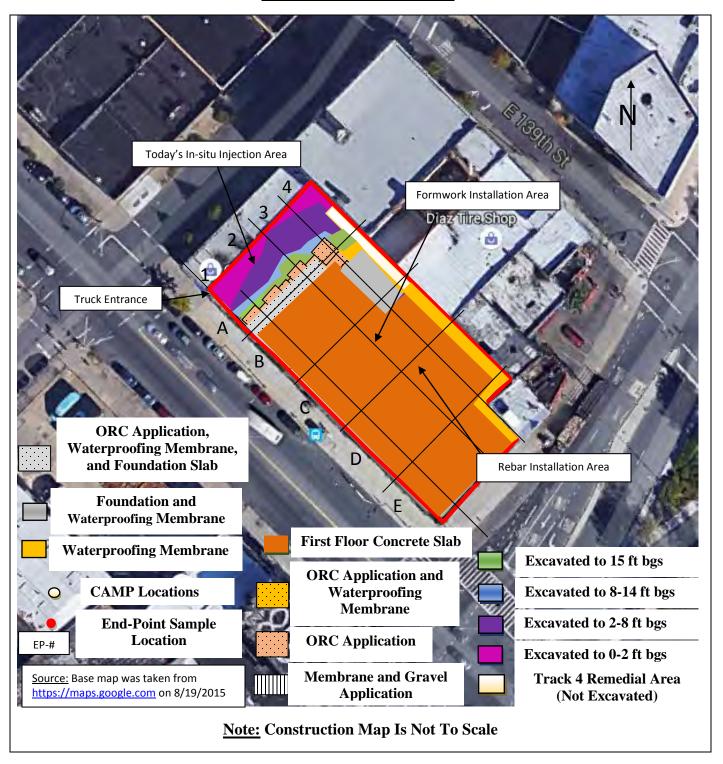
Description of Work Performed:

- -Environmental Remediation and Financial Services, LLC (ERFS) was on-site and installed three (3) one-inch PVC temporary injection wells, identified as TP-9 through TP-11, within the treatment area. The one-inch well screens were installed from eight (8) to 18 feet bgs.
- -A total of 505 gallons of hydrogen peroxide was injected into the subsurface through the gravity-feed injection point infrastructure. During the injection of TP-9, breakthrough occurred along the sidewall of the entrance ramp approximately 12 feet from the injection point. ERFS immediately stopped the injection and vacuumed the silty foam that surfaced. Once the breakthrough ceased and the area was sealed with grout, the captured material was re-used for additional injections.
- -The contractor also continued to install rebar for the construction of the second floor in the northeastern and south-central portions of the Site and continued to install formwork for the second floor in the north-central portion of the Site.

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Equipmen	t Delivered	to Site:								
- None.										
Equipment	Removed 1	from Site:								
-No equipment was removed from the Site.										
Material De	Material Delivered to Site:									
- A truck lo	ad of rebar	was delivered t	o the si	te.						
Material Re	emoved Fro	m Site:								
- None										
Working In	Grid #s: A	1-4, B1-4, C1-4,	D3-4,	E-4.						
Samples Co	ollected:									
-None.										
Community	Air Monitor	ring Plan (CAMI	P) <u>:</u>							
-Air monitor	ing was pe	rformed and the	ere were	e no VO0	C or PM-	-10 exce	edances	i.		
Problems E	ncountered	<u>l:</u>								
-None.										
Description	of Upcomir	ng Work Activiti	es (Thu	ırsday, O	ctober 2	20, 2016)	<u>:</u>			
portions of	the Site.	ates to continue								ntral
	Cartere	arth of Carteret, t, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Total	- 609	- 15,225								
		e approximate s	since co	ountersig	ned mar	nifests ha	ave yet t	o been r	eceived	l

Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of ERFS installing the temporary injection well point TP-9, facing northeast.

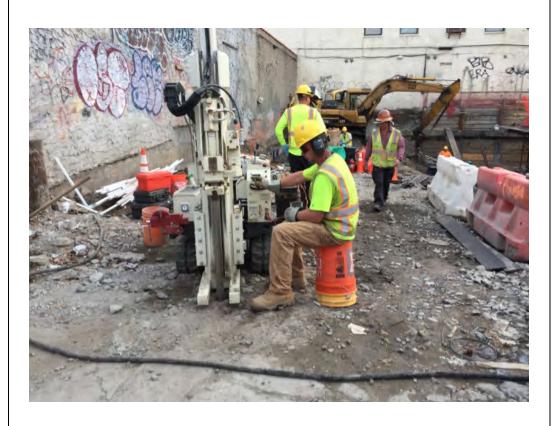


Photo 2 –

View of the TP-9 gravityfeed injection well, facing northeast.



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Photo 3 –

View of ERFS sealing the breakthrough area along the sidewall with grout.

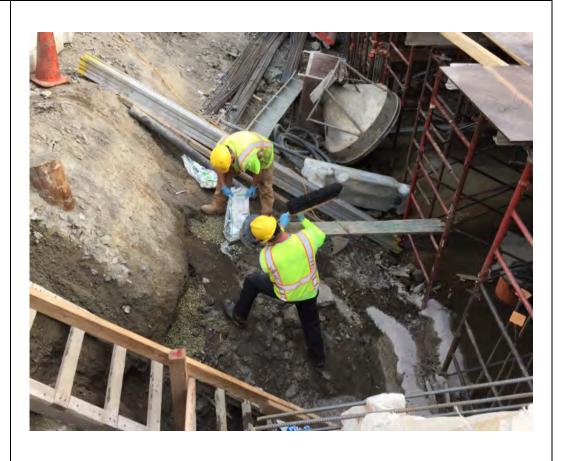


Photo 4 –

View of the gravity-feed injection well points TP-7 and TP-8, facing northeast.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Χ	Partly Cloudy	Bright Sun	
TEMP.	0 TO 32		32-50		50-70	Х	70-85	>85	
WIND	SSW 5-10 mph								

NYSDEC Project No:	C203057	OER E-Number:	E-227	Date:	10/21/2016
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Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc.	Wang Technology
Rachael Barr - Environmental Scientist	Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp.	Scalpel Construction, Inc.
Ratko Krneta – Construction Site Superintendent &	
Safety Officer	Environmental Remediation and Financial
Alex Adduci – Project Manager	Services, LLC
Joseph – Security	
Ronmel Cimpoberde – Laborer	

Equipment on Site:								
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC							
CAT PC128UU Backhoe	Dewatering storage and treatment tanks							
CAT 315 L Backhoe								
900H Sullair Generator	Environmental Remediation and Financial							
Clean Force 1800 PSI Power Washer	Services, LLC							
LANDA 3500 PSI Power Washer	Geoprobe 54LT, 10 55-gallon drums of hydrogen							
Bobcat Skid Steer	peroxide, and mixing drums							

Description of Work Performed:

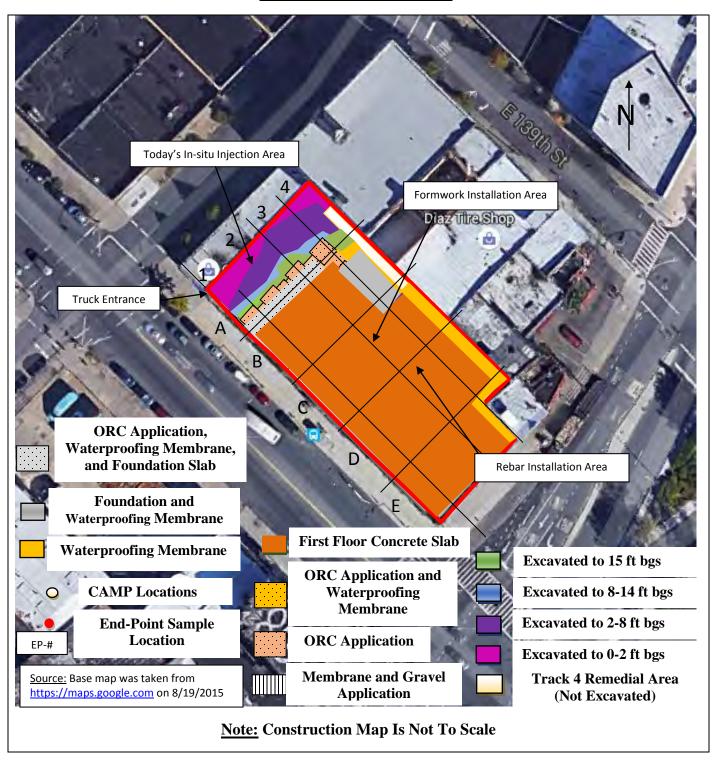
- -Environmental Remediation and Financial Services, LLC (ERFS) was on-site and performed the chemical in-situ injections via the gravity-feed injection point infrastructure identified as TP-6 through TP-11.
- -A total of 100 gallons of hydrogen peroxide was injected into the subsurface. No breakthroughs were encountered during the injections today.
- -The contractor also continued to install rebar for the construction of the second floor in the northeastern and south-central portions of the Site and continued to install formwork for the second floor in the north-central portion of the Site.

Equipment Delivered to Site:

- None.

Equipment Removed from Site:											
- A Geoprobe 54LT was removed from the Site.											
Material Delivered to Site:											
- A truck load of formwork was delivered to the site.											
Material Removed From Site:											
- Six (6) 55 gallon drums of hydrogen peroxide were removed from the site.											
Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.											
Samples Collected:											
-None.											
Community Air Monitoring Plan (CAMP):											
-Air monitoring was performed and there were no VOC or PM-10 exceedances.											
Problems Encountered:											
-None.											
Description	of Upcomir	ng Work Activition	es (Mor	nday, Oc	tober 24	<u>, 2016):</u>					
-The contractor anticipates to continue installing rebar and formwork in the northeastern and central portions of the Site.											
	Cartere	arth of Carteret, t, New Jersey azardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds	
	-	-									
Total	609	15,225	<u> </u>	<u> </u>				<u> </u>			
^ = cubic ya	ra totals ar	e approximate s	since co	ountersig	ned mar	nitests ha	ave yet t	o been r	eceived		

Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the temporary injection well infrastructure, facing northeast.



Photo 2 –

Close-up view of a temporary well point, facing northeast.



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Photo 3 –

View of the hydrogen peroxide drums being removed from the site, facing west.

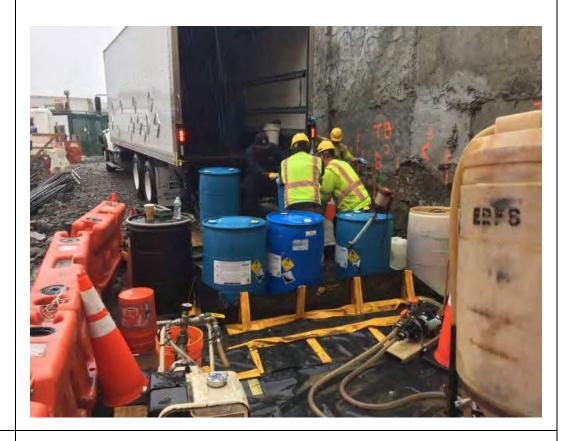


Photo 4 –

View of ERFS removing the temporary well points, facing northeast.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X	
TEMP.	0 TO 32		32-50	Х	50-70		70-85		>85		
WIND	SSW 5-10 mph										

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:									
Environmental Consultant:	Inspector(s):								
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul Tapias – Inspector								
Contractor:	Subcontractor(s):								
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.								

Equipment on Site:								
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC							
CAT PC128UU Backhoe	Dewatering storage and treatment tanks							
CAT 315 L Backhoe								
900H Sullair Generator								
Clean Force 1800 PSI Power Washer								
LANDA 3500 PSI Power Washer								
Bobcat Skid Steer								

Description of Work Performed:

- -The contractor excavated soil in the northwest portion of the site for the installation of two (2) pile caps. The contractor then cut the piles for the rebar and formwork installation. Excavated soil was placed along the western boundary of the site.
- -The contractor also continued to install rebar for the construction of the second floor in the northeastern and north-central portions of the Site.

Equipment Delivered to Site:

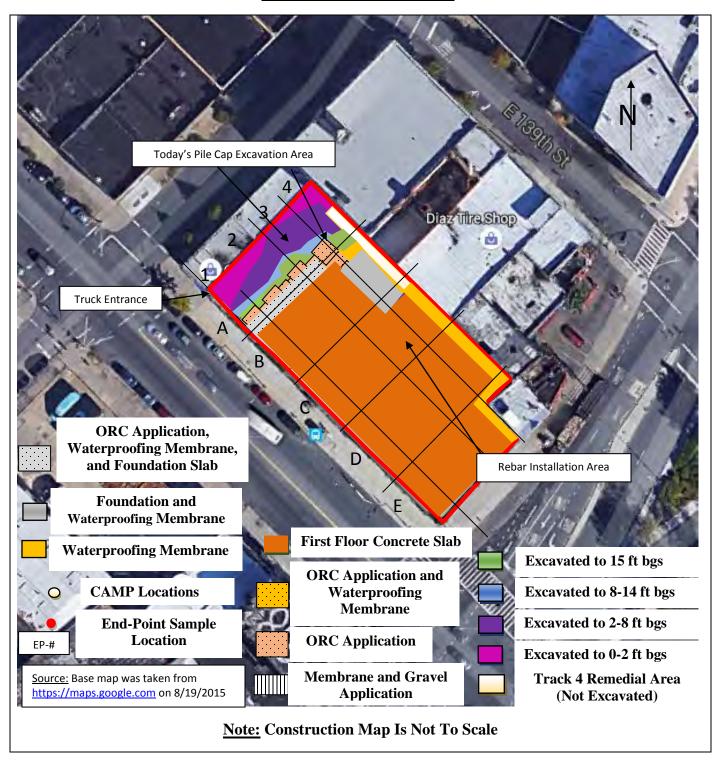
- None.

Equipment Removed from Site:

- None.

Material De	elivered to S	Site:									
- None.	- None.										
Material Removed From Site:											
- Three (3)	- Three (3) oxygen tanks were removed from the site.										
Working In	Grid #s: A1	I-4, B1-4, C1-4	, D3-4,	E-4.							
Samples Co	ollected:										
-None.											
Community	Air Monitor	ring Plan (CAM	<u>P):</u>								
-Air monitor	ing was pe	rformed and the	ere were	e no VOC	C or PM-	-10 excee	edances	i.			
Problems E	ncountered	<u>l:</u>									
-None.											
Description	of Upcomir	ng Work Activiti	es (Thu	irsday, O	ctober 2	27, 2016)	<u>:</u>				
-The contractor anticipates to continue excavating for the installation of pile caps along the western portion of the siteThe contractor anticipates to continue installing rebar in the northeastern and central portions of the Site.											
	Cartere	orth of Carteret, t, New Jersey azardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds	
Total	609	- 15,225									
* = cubic va	rd totals ar	e approximate :	since co	ountersia	ned mar	nifests ha	ave vet t	o been re	eceived		

Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating for a pile cap along the northern boundary of the site, facing north.



Photo 2 –

View of the contractor preparing the pile cap for concrete installation, facing north.



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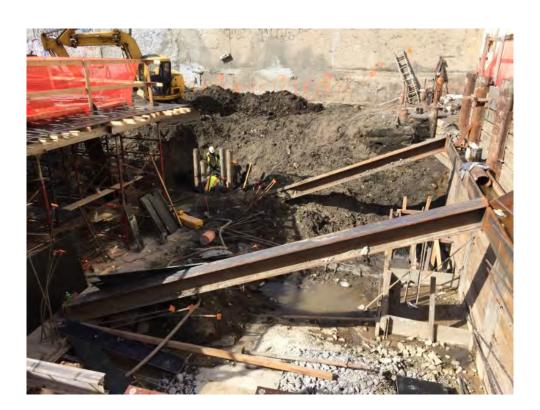
Photo 3 –

View of the contractor welding the piles, facing southwest.



Photo 4 –

View of the pile cap excavation, facing northwest.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow		Rain	Х	Overcast		Partly Cloudy		Bright Sun		
TEMP.	0 TO 32		32-50		50-70	Х	70-85		>85		
WIND	SSW 5-10 mph										

 NYSDEC Project No:
 C203057
 OER E-Number:
 E-227
 Date:
 10/27/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:							
Environmental Consultant:	Inspector(s):						
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul Tapias – Inspector						
Contractor:	Subcontractor(s):						
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.						

Equipment on Site:								
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC							
CAT PC128UU Backhoe	Dewatering storage and treatment tanks							
CAT 315 L Backhoe								
900H Sullair Generator								
Clean Force 1800 PSI Power Washer								
LANDA 3500 PSI Power Washer								
Bobcat Skid Steer								

Description of Work Performed:

- The contractor excavated in the northwest and western portions of the site and removed three (3) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -The contractor continued dewatering operations within the areas of excavation.
- -The contractor installed the second floor in the northeastern and north-central portions of the Site.
- -The contractor poured concrete for the northeastern wall and columns located on the second floor of the superstructure.

Equipment Delivered to Site:

- A concrete pump truck was delivered to the site.

Equipment Removed from Site:

- None.

Material Delivered to Site:
- A truck load of rebar was delivered to the site.
Material Removed From Site:
- None.
Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed from 07:09 to 07:44 and there were no VOC or PM-10 exceedances; however, air monitoring was not performed for the remainder of the day due to inclement weather (i.e. rain).

Problems Encountered:

-None.

Description of Upcoming Work Activities (Friday, October 28, 2016):

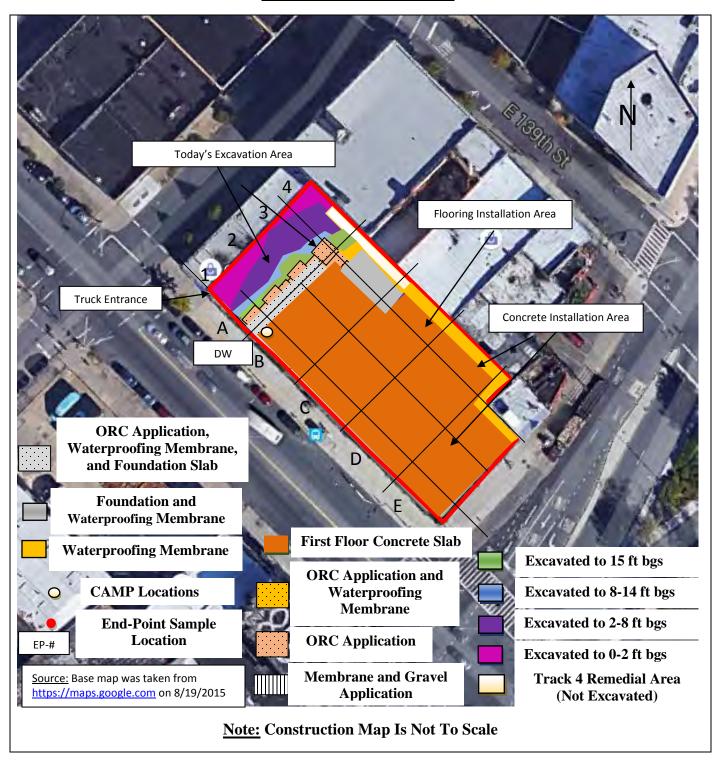
- -The contractor anticipates to excavate and directly load three (3) truckloads of soil for off-site disposal at Clean Earth of Carteret located in Carteret, New Jersey.
- The contractor anticipates to continue excavating for the installation of pile caps along the western portion of the site.
- -The contractor anticipates to continue installing rebar in the northeastern and central portions of the Site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roday	3	75								
Total	609	15,300								

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

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Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor directly loading soil for off-site disposal, facing west.



Photo 2 -

View of the contractor pouring concrete for the second floor, facing southeast.



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Photo 3 -

View of the contractor dewatering the pile cap area, facing southwest.

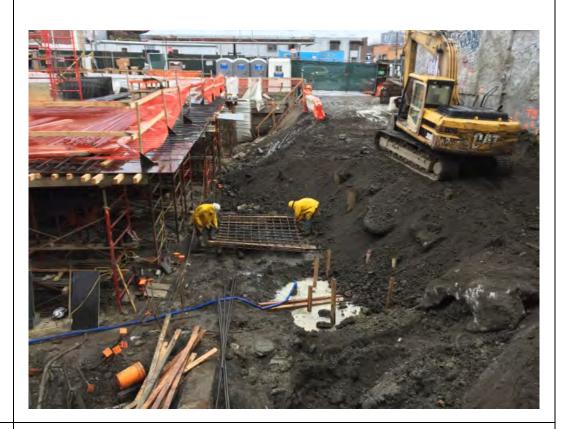


Photo 4 -

View of the contractor excavating along the western boundary of the site, facing northwest.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow	Rain		Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	0 TO 32	32-50	Х	50-70		70-85	>85	
WIND	SW 5-10 m	ph						

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	10/28/2016
Location:	255 E 138 th Street Bro	loh:	Excavation of N	VSDEC	BCP # C203057	

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering storage and treatment tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

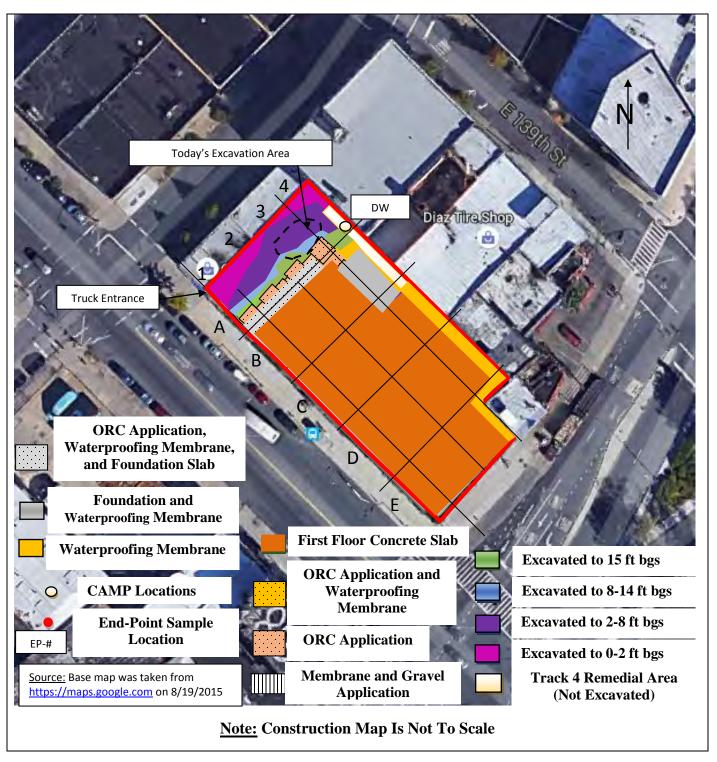
- The contractor excavated in the northwest portion of the site to approximately 15 feet below grade surface (bgs) and removed three (3) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -The contractor excavated in the northwest portion of the site to approximately 18 feet bgs for the installation of one (1) pile cap.
- -The contractor continued dewatering operations within the areas of excavation.
- -The contractor continued the installation of the superstructure in the central and eastern portions of the site.

Equipment Delivered to Site:

- None.

Equipment	Removed f	rom Site:									
- None.											
Material De	elivered to S	Site:									
- None.											
Material Re	moved Fro	m Site:									
	-The contractor excavated and removed three (3) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.										
Working In	Grid #s: A1	I-4, B1-4, C1-4,	D3-4, I	E-4.							
Samples Co	ollected:										
-None.											
Community	Air Monitor	ring Plan (CAMI) :								
-Air monitor	ing was pe	rformed and the	ere were	e no VO(C or PM-	·10 exce	edances	S.			
Problems E	ncountered	<u>l:</u>									
-None.											
Description	of Upcomir	ng Work Activitie	es (Mor	nday, Oc	tober 31	, 2016):					
of the site.	ctor anticipa	oates to continue									
	Cartere	orth of Carteret, t, New Jersey azardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds	
Today	3	75									
Total	612	15,300									
* = cubic ya	rd totals ar	e approximate s	since co	ountersig	ned mar	nifests ha	ave yet t	o been r	eceived		

Construction Map Sketch



Page 3 of 5 File Name: <u>Daily Field Report 10/28/2016</u>

BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the northwestern portion of the site, facing west.



Photo 2 –

View of the contractor directly loading soil for off-site disposal, facing west.



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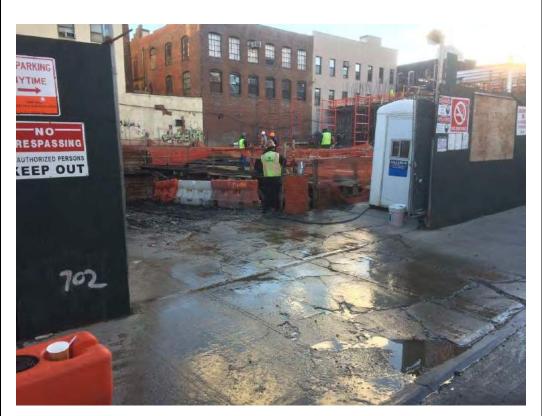
Photo 3 –

View of the contractor excavating for the installation of a pile cap, facing west.



Photo 4 -

View of the clean site entrance/exit, facing east.



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Field Representative(s): Jonathan Kraus

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	0 TO 32		32-50	X	50-70		70-85	>85	
WIND	SW 5-15 m	ıph							

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	10/31/2016
Location:	255 F. 138 th Street, Bro	nx. New York	·lob:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:										
Environmental Consultant:	Inspector(s):									
Brinkerhoff Environmental Services, Inc. Jonathan Kraus – Environmental Scientist	Wang Technology Paul Tapias – Inspector									
Contractor:	Subcontractor(s):									
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.									

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering storage and treatment tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- The contractor excavated in the western portion of the site to approximately 15 feet below grade surface (bgs) and removed five (5) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -The contractor continued dewatering operations within the areas of excavation.
- -The contractor continued the installation of the superstructure in the central and eastern portions of the site.

Equipment Delivered to Site:

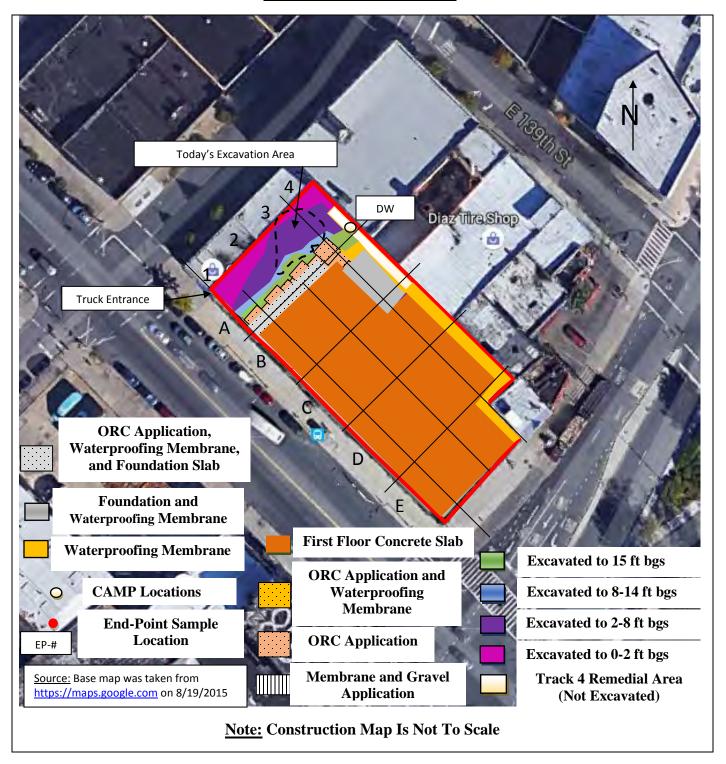
- None.

Equipment Removed from Site:

- None.

Material De	elivered to S	<u>Site:</u>										
- None.												
Material Re	Material Removed From Site:											
	-The contractor excavated and removed five (5) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.											
Working In	Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.											
Samples C	ollected:											
-None.												
Community	Air Monitor	ing Plan (CAM	<u>1P):</u>									
-Air monito	ring was pei	formed and th	ere were	e no VOC	C or PM	-10 exce	edances	S.				
Problems E	ncountered	<u>:</u>										
-None.												
Description	of Upcomir	ng Work Activit	ies (Tue	sday, No	vember	· 1, 2016	<u>):</u>					
Facility loca	ated in Carte actor anticipa	ates to continueret, New Jers ates to continu	ey.									
	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)											
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds		
Today	5	125										
Total	617	15,425	1			<u> </u>		<u> </u>				
* = cubic ya	ard totals are	e approximate	since co	ountersig	ned mai	nifests ha	ave yet t	o been r	eceived			

Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the northwestern portion of the site, facing west.

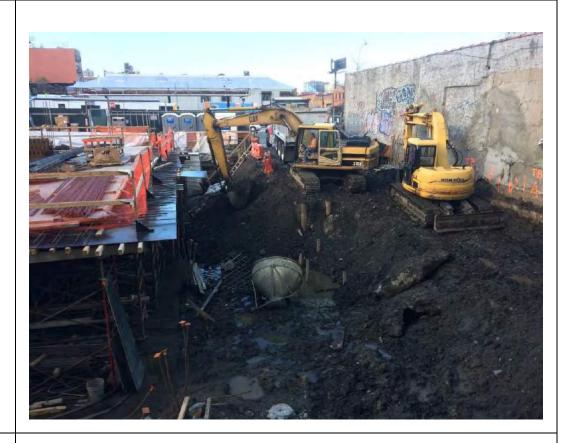


Photo 2 –

View of the contractor directly loading soil for off-site disposal, facing west.



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Photo 3 –

View of the contractor working on the superstructure in the central and eastern portions of the site, facing southeast.



Photo 4 –

Additional view of the contractor excavating in the northwestern portion of the site, facing northeast.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Partly Cloudy	Bright Sun	X
TEMP.	0 TO 32		32-50	Х	50-70	70-85	>85	
WIND	SW 5-15 m	nph						

 NYSDEC Project No:
 C203057
 OER E-Number:
 E-227
 Date:
 11/1/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:										
Environmental Consultant:	Inspector(s):									
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Johnathan – Inspector									
Contractor:	Subcontractor(s):									
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.									

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering storage and treatment tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- The contractor excavated in the western portion of the site to approximately 15 feet below grade surface (bgs) and removed three (3) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -The contractor welded piles in the western portion of the site for installation of a pile cap.
- -The contractor continued dewatering operations within the areas of excavation.
- -The contractor continued the installation of the superstructure in the central and eastern portions of the site.

Equipment Delivered to Site:

- None.

Equipment Removed from Site:

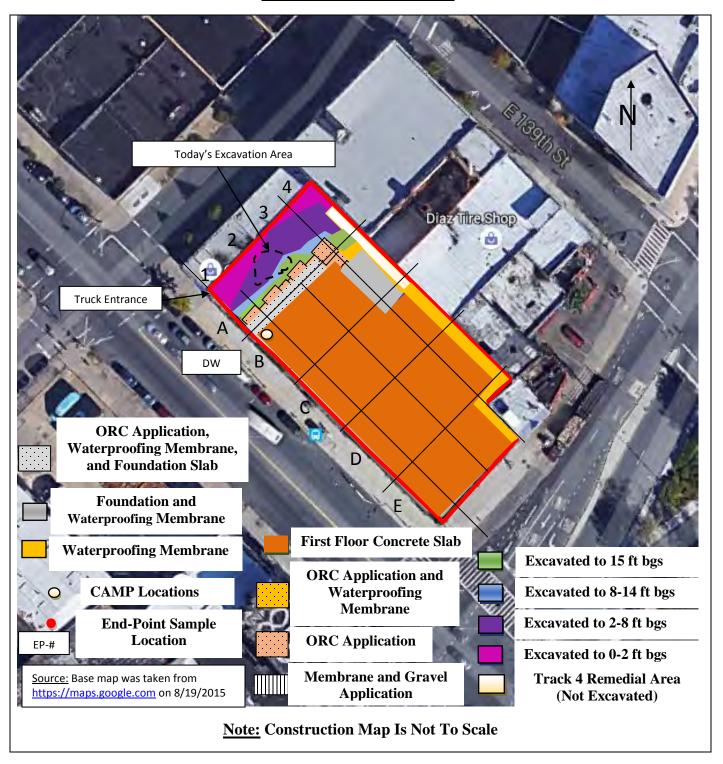
- None.

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Material De	elivered to S	oite:											
- None.													
Material Re	emoved Fro	m Site:											
-The contractor excavated and removed three (3) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.													
Working In	Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.												
Samples Co	ollected:												
-None.													
Community	Air Monitor	ring Plan (CAMI	P) <u>:</u>										
-Air monitor	ing was pe	rformed and the	ere were	e no VOC	C or PM-	·10 exce	edances	i.					
Problems E	ncountered	<u>l:</u>											
-None.													
Description	of Upcomir	ng Work Activition	es (We	dnesday,	Novem	ber 2, 20)16) <u>:</u>						
Compound - The contra	List (TCL) \actor anticipation ctor anticipation	t a groundwater Volatile Organic pates to grade tl ates to continue	Component	ounds (V o area ald	OCs).	western	boundar	y of the	site.				
	Cartere	orth of Carteret, t, New Jersey azardous Soil)											
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds			
Today	3	75											
Total	620	15,500											
* = cubic ya	rd totals are	e approximate s	since co	ountersig	ned mar	nifests ha	ave yet t	o been r	eceived				

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Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the contractor excavating in the western portion of the site, facing northeast.



Photo 2 –

View of the contractor directly loading soil for off-site disposal, facing north.



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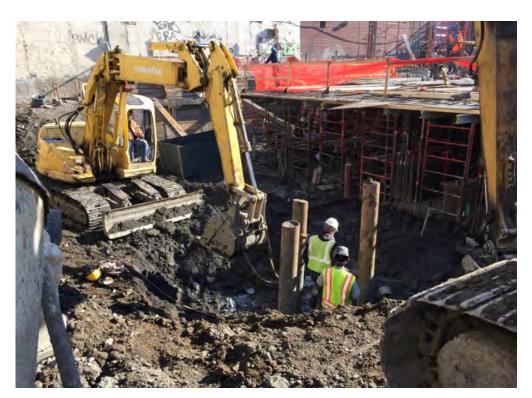
Photo 3 -

View of the contractor working on the superstructure in the central and eastern portions of the site, facing south.



Photo 4 -

View of the contractor installing a pile cap in the western portion of the site, facing east.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain	Overcast		Partly Cloudy	Bright Sun	Х
TEMP.	0 TO 32	32-50	50-70	Х	70-85	>85	
WIND	SW 5-10 m	ph					

 NYSDEC Project No:
 C203057
 OER E-Number:
 E-227
 Date:
 11/02/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist Monica Norton – Geologist	Wang Technology Johnathan – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:								
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC							
CAT PC128UU Backhoe	Dewatering storage and treatment tanks							
CAT 315 L Backhoe								
900H Sullair Generator								
Clean Force 1800 PSI Power Washer								
LANDA 3500 PSI Power Washer								
Bobcat Skid Steer								

Description of Work Performed:

- Brinkerhoff collected one (1) post-injection groundwater sample from the permanent off-Site monitoring well, SMW-1.
- The contractor excavated in the ramp area along the western boundary of the Site between zero (0) and 10 feet bgs and removed two (2) truck-loads of soil off-Site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- The contractor cut piles in the western portion of the Site.
- The contractor continued dewatering operations within the areas of excavation.
- The contractor continued the installation of the superstructure in the central and eastern portions of the site.

Fauin	mont	Dolivo	rad ta	Sito:

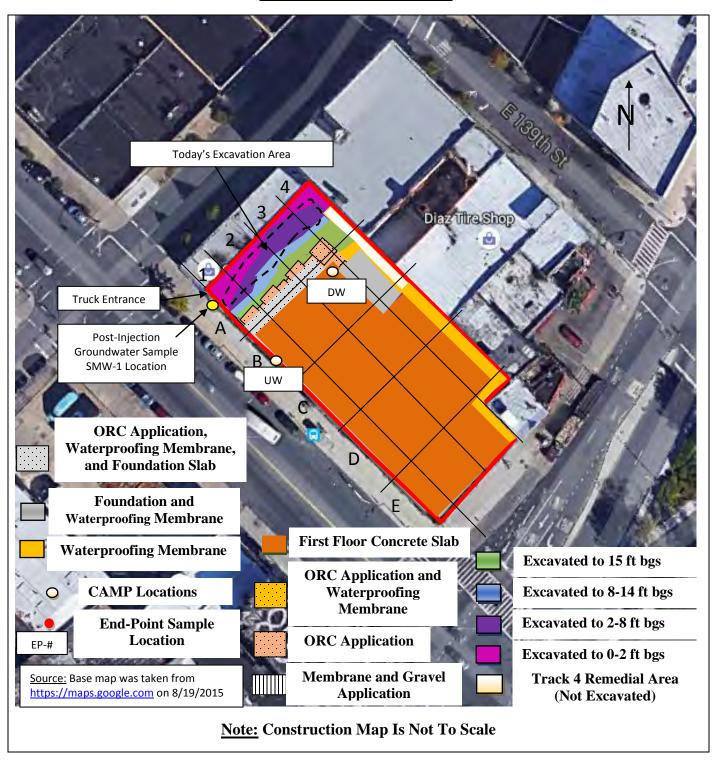
- None.

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		Ľ	AILY FI	ELD ACT	IVIIY RE	PORI				
Equipment	Removed f	rom Site:								
- None.										
Material De	elivered to S	Site:								
- None.										
Material Re	emoved Fro	m Site:								
		rated and removeret, New Jerse		(2) load	s of soil	off-site to	o the Cle	ean Earth	n of Carto	eret
Working In	Grid #s: A1	I-4, B1-4, C1-4,	D3-4, I	E-4.						
Samples Co	ollected:									
laboratory f	or analysis	groundwater s of Total Compo pelow for the sa	und Lis	t (TCL) \						
Community	Air Monitor	ring Plan (CAMI	<u> </u>							
- Air monito	ring was pe	erformed and the	ere wer	e no VO	C or PM	-10 exce	edance	S.		
Problems E	ncountered	<u>l:</u>								
- None.										
Description	of Upcomir	ng Work Activition	es (Thu	rsday, N	<u>ovembe</u>	r 3, 2016	<u>6):</u>			
western bour - The contra Facility, local	undary of thactor plans actor plans ated in Cart actor anticip	pates to continume Site. to remove four teret, New Jerse pates to continu	(4) trucl	k-loads c	of soil off	-Site to t	he Clea	n Earth c	of Carter	et
	Cartere	orth of Carteret, t, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
	2	50								
Total	622	15,550				:f = = ! - !				
= cubic ya	iru iolais ar	e approximate s	since co	ountersig	neu mar	mests na	ave yet t	o been re	eceived	

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Construction Map Sketch



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT Photographs of Work Performed:

Photo 1 –

View of the postinjection groundwater sampling set-up at the off-Site monitoring well SMW-1.



Photo 2 –

View of the contractor excavating for the ramp along the western boundary of the Site, facing north.



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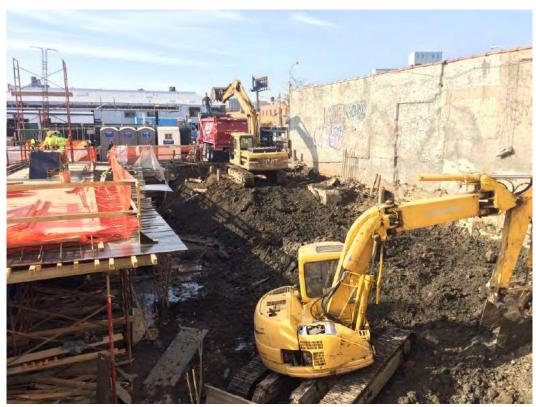
Photo 3 –

View of the contractor directly loading soil for off-Site disposal, facing northwest.



Photo 4 -

View of the ramp excavation area, facing west.



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Photo 5 –

View of the superstructure construction in the eastern and central portions of the Site, facing south.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Х	Partly Cloudy	Bright Sun	
TEMP.	0 TO 32		32-50	Х	50-70		70-85	>85	
WIND	SW 5-15 m	ıph							

NYSDEC Project No:	C203057	OER E-Number:	E-227		Date:	11/3/2016
Location:	255 E. 138th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Johnathan – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:								
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC							
CAT PC128UU Backhoe	Dewatering storage and treatment tanks							
CAT 315 L Backhoe								
900H Sullair Generator								
Clean Force 1800 PSI Power Washer								
LANDA 3500 PSI Power Washer								
Bobcat Skid Steer								

Description of Work Performed:

- The contractor excavated in the western portion of the site and removed six (6) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -The contractor continued dewatering operations within the areas of excavation.
- -The contractor continued the installation of the superstructure in the central and eastern portions of the site.

Equipment Delivered to Site:

- None.

Equipment Removed from Site:

- None.

Material	Delivered	to Site:
----------	-----------	----------

- A truck load of rebar was delivered to the site.

Material Removed From Site:

-The contractor excavated and removed six (6) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

-None.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Monday, November 7, 2016):

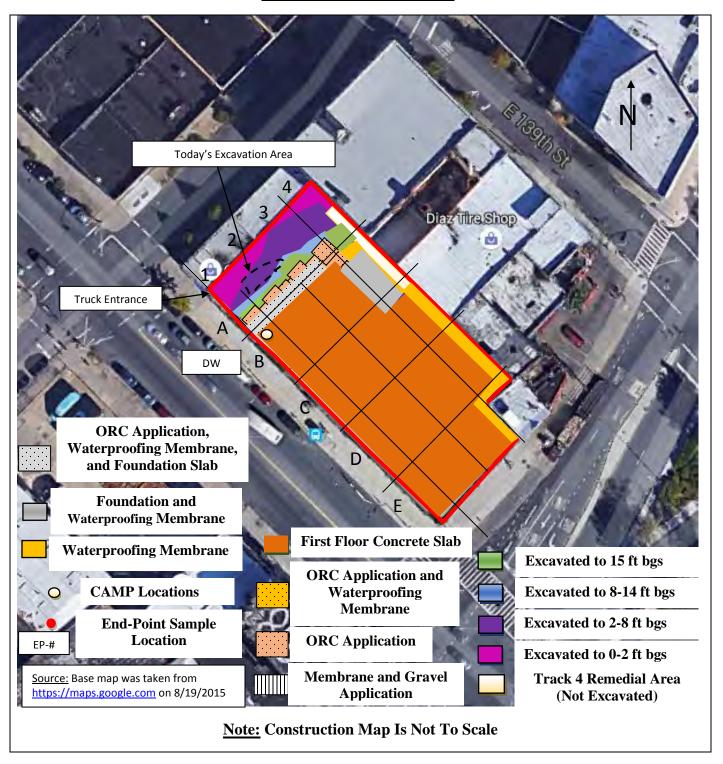
- The contractor anticipates to grade the ramp area along the western boundary of the site.
- -The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	6	150								
Total	626	15,650								

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

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Construction Map Sketch



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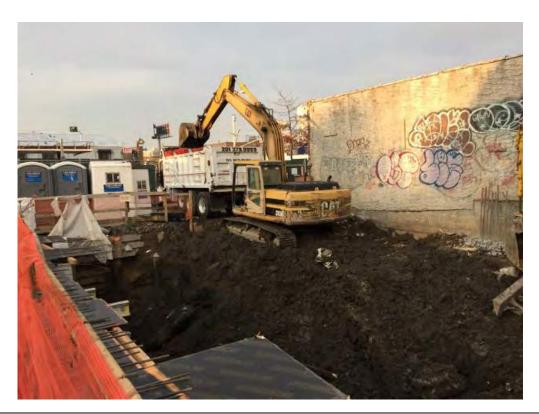
Photo 1 –

View of the installed pile caps along the western portion of the site, facing northeast.



Photo 2 –

View of the contractor directly loading soil for off-site disposal, facing west.



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Photo 3 –

View of the contractor excavating along the western portion of the site, facing west.



Photo 4 –

View of the superstructure, facing south.



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Field Representative(s): Rachael Barr

C203057

Client: East 138th Street LLC

NYSDEC

Project No:

WEATHER	Snow		Rain		Overcast	Partly Cloudy	Bright Sun	X
TEMP.	0 TO 32		32-50	Х	50-70	70-85	>85	
WIND	SW 5-15 m	nph						

OER E-Number: E-227 Date: 11/7/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Johnathan – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:						
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC					
CAT PC128UU Backhoe	Dewatering storage and treatment tanks					
CAT 315 L Backhoe						
900H Sullair Generator						
Clean Force 1800 PSI Power Washer						
LANDA 3500 PSI Power Washer						
Bobcat Skid Steer						

Description of Work Performed:

- The contractor excavated in the western portion of the site and removed four (4) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- The contractor welded piles in the southwest area of the site.
- The contractor prepared the southern wall for lagging installation.
- -The contractor continued dewatering operations within the areas of excavation.
- -The contractor continued the installation of the superstructure in the central and eastern portions of the site.

Equipment Delivered to Site:

- None.

Equipment Removed from Site:

- None.

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Material Delivered to Site:

- A truck load of lumber was delivered to the site.
- A truck load of scaffolding was delivered to the site.

Material Removed From Site:

-The contractor excavated and removed four (4) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

- One (1) base endpoint sample, identified as EP-32, and one (1) sidewall endpoint sample, identified as EP-33, was collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample location.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

<u>Description of Upcoming Work Activities (Tuesday, November 8, 2016):</u>

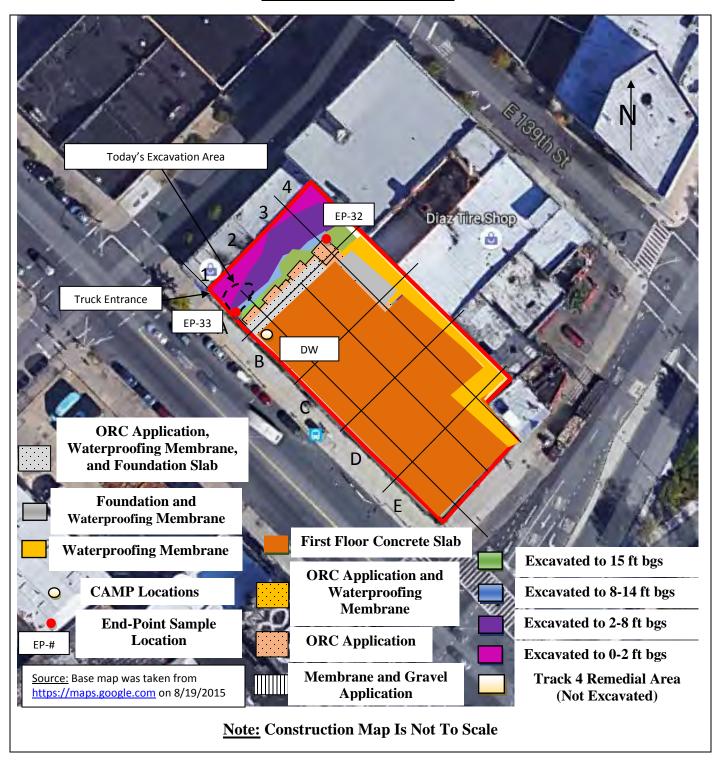
- The contractor anticipates to install lagging along the southwest boundary wall.
- The contractor anticipates to pour concrete for the pile cap in the southwestern area of the site.
- -The contractor anticipates to continue installation of the superstructure in the central and eastern portions of the site.

	Cartere	rth of Carteret, t, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Today	4	100								
Total	630	15,750								

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

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Construction Map Sketch



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Photo 1 –

View of the excavated area along the western portion of the site, facing west.



Photo 2 –

View of the contractor preparing the south wall for lagging installation, facing west.



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Photo 3 –

View of the contractor welding piles along the southern boundary of the site.



Photo 4 –

View of the superstructure, facing northeast.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow	Rain	х	Overcast	Part Clou	,	Bright Sun	
TEMP.	0 TO 32	32-50	Х	50-70	70-8	35	>85	
WIND	SW 5-15 mph							

NYSDEC Project No: C203057 OER E-Number: E-227 Date: 11/9/	2016
--	------

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:						
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC					
CAT PC128UU Backhoe	Dewatering storage and treatment tanks					
900H Sullair Generator						
Clean Force 1800 PSI Power Washer						
LANDA 3500 PSI Power Washer						
Bobcat Skid Steer						

Description of Work Performed:

- -The contractor prepared the mud-slab in the northwest corner of the site for the installation of the Preprufe 300R waterproofing membrane.
- -The contractor continued dewatering operations within the areas of excavation.
- -The contractor continued the installation of the superstructure in the central and eastern portions of the site.

Equipment Delivered to Site:

- None.

Equipment Removed from Site:

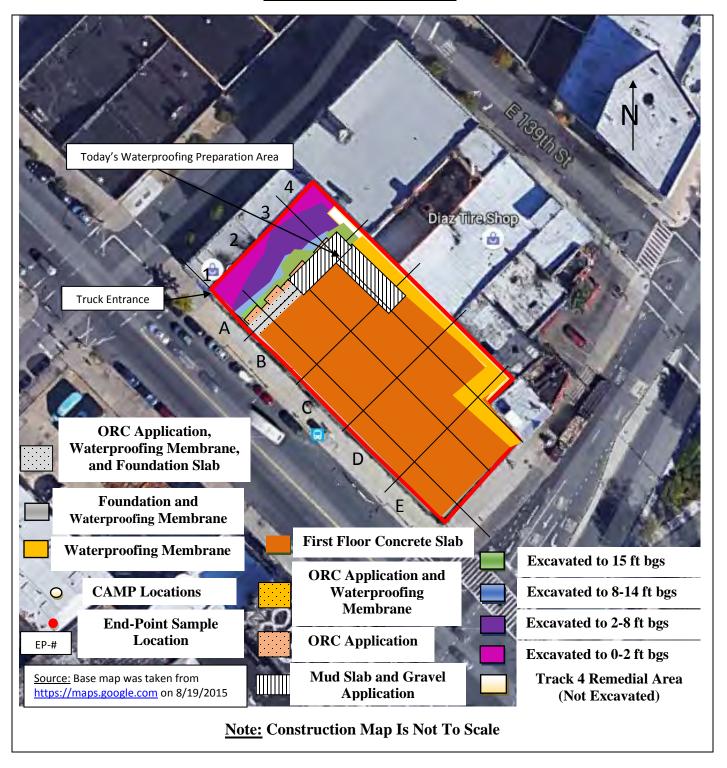
- The CAT 315 L Backhoe was removed from the site.

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Material Delivered to Site:

- None.										
Material Removed From Site:										
-None.										
Working In	Grid #s: A1	1-4, B1-4, C1-4,	D3-4, l	E-4.						
Samples Co	ollected:									
- None.										
Community	Air Monitor	ring Plan (CAMI	P) <u>:</u>							
-Air monitor	ing was no	t performed due	to incl	ement w	eather (i	i.e. rain).				
Problems E	ncountered	<u>d:</u>								
-None.										
Description	of Upcomir	ng Work Activition	es (Thu	irsday, N	ovembe	er 10, 201	6):			
- The contra	actor anticip n portion o ctor anticip	pates to excavate to ates to install the site. ates to continue	ne Prep	orufe 300	R water	proofing	membra	ne along		rn
	Cartere	arth of Carteret, t, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Total	630	15,750								
		e approximate s	since co	untersig	ned mai	nifests ha	ave yet t	o been r	eceived	

Construction Map Sketch



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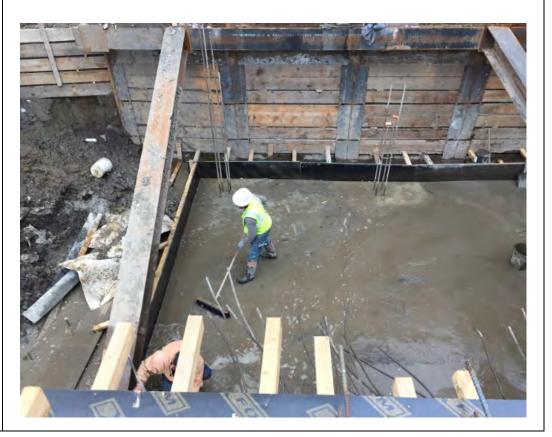
Photo 1 –

View of the excavated area along the western portion of the site, facing west.



Photo 2 -

View of the contractor preparing the mud-slab for the installation of the Preprufe 300R waterproofing membrane, facing north.



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Photo 3 -

View of the superstructure, facing northeast.



Photo 4 –

View of the western portion of the site, facing northwest.



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Field Representative(s): Rachael Barr

Client: East 138th Street LLC

WEATHER	Snow		Rain		Overcast	Partly Cloudy	Bright Sun	Х
TEMP.	0 TO 32		32-50	Х	50-70	70-85	>85	
WIND	SW 5-15 m	ph						

NYSDEC Project No:	C203057	OER E-Number:	E-2	27	Date:	11/10/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	Wang Technology Paul – Inspector
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering storage and treatment tanks
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- The contractor excavated in the western portion of the site to 15 feet below ground surface (bgs) for installation of a pile cap.
- The contractor welded piles in the western portion of the site.
- The contractor installed formwork around the southwest portion of the ramp area in preparation for the Preprufe 300R waterproofing membrane.
- -The contractor continued dewatering operations within the areas of excavation.
- -The contractor continued the installation of the superstructure in the central and eastern portions of the site.

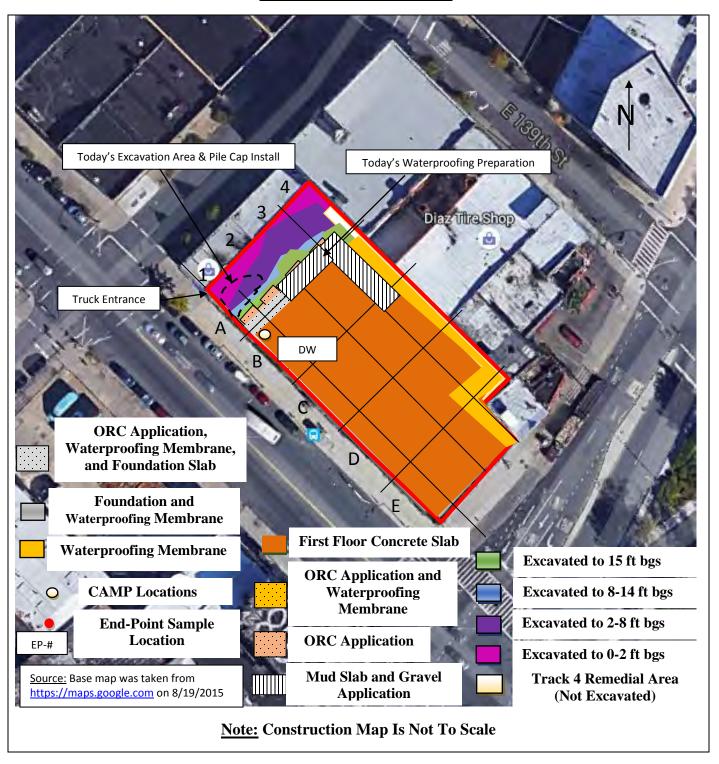
Equipment Delivered to Site:

- A roll off dumpster was delivered to the site.

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Equipment	Removed 1	from Site:								
- None.										
Material De	elivered to S	Site:								
-None.										
Material Re	emoved Fro	m Site:								
-None.										
Working In	Grid #s: A	1-4, B1-4, C1-4,	D3-4, l	E-4.						
Samples Co	ollected:									
- None.										
Community	Air Monitor	ring Plan (CAMI	P):							
-Air monitor	ing was pe	rformed and the	ere were	e no VOC	or PM-	-10 excee	edances	S.		
Problems E	ncountered	<u>l:</u>								
-None.										
Description	of Upcomir	ng Work Activition	es (Frid	ay, Nove	mber 1	1, 2016):				
portion of the - The contra	ne site. actor anticip ctor anticip	pates to install the pates to pour co ates to continue	ncrete t	for the pi	le cap ir	the sou	thweste	rn area o	of the site) .
	Cartere	arth of Carteret, t, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Total	630	15,750								
* = cubic ya	rd totals ar	e approximate s	since co	untersig	ned mar	nifests ha	ave yet t	o been r	eceived	

Construction Map Sketch



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Photo 1 –

View of the contractor excavating for a pile cap along the southwestern portion of the site, facing west.

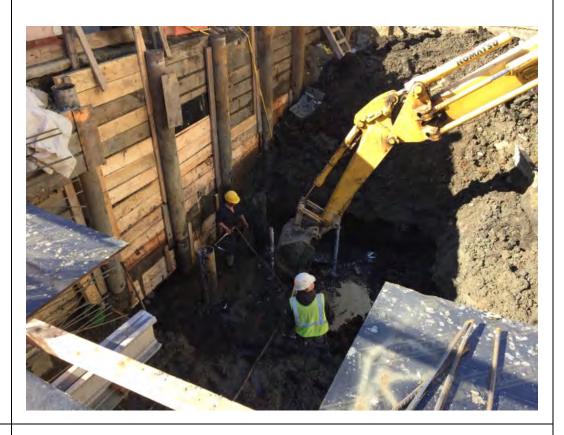


Photo 2 –

View of the contractor preparing the western portion of the site for the Preprufe 300R waterproofing membrane installation, facing west.



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Photo 3 –

View of the contractor installing rebar for the pile cap, facing southwest.

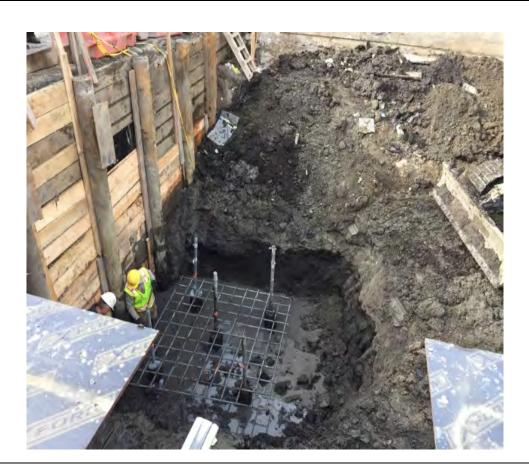


Photo 4 –

View of the superstructure, facing northeast.



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Field Representative(s): Rachael Barr Partly Bright WEATHER Overcast Χ Snow Rain Cloudy Sun Client: East 138th Street LLC TEMP. 0 TO 32 32-50 Χ 50-70 70-85 >85 WIND SW 5-15 mph NYSDEC C203057 **OER E-Number:** E-227 12/2/2016 Date:

Job:

255 E. 138th Street, Bronx, New York

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Rachael Barr – Environmental Scientist	
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent & Safety Officer Alex Adduci – Project Manager Edwin – Security Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering storage and treatment tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- The contractor excavated in the western portion of the site and removed four (4) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.
- -The contractor continued the installation of the superstructure in the western and central portions of the site.

Equipment Delivered to Site:

- None.

Project No:

Location:

Equipment Removed from Site:

- None.

Excavation of NYSDEC BCP # C203057

Material	Delivered	to Site:
----------	-----------	----------

- None.

Material Removed From Site:

-The contractor excavated and removed four (4) loads of soil off-site to the Clean Earth of Carteret Facility located in Carteret, New Jersey.

Working In Grid #s: A1-4, B1-4, C1-4, D3-4, E-4.

Samples Collected:

- Eight (8) base endpoint samples, identified as EP-34 through EP-40 and DUP-2, were collected and submitted to the laboratory for analysis of Target Compound List (TCL) and Target Analyte List (TAL) parameters and Hexavalent and Trivalent Chromium. Reference the construction map below for the approximate sample locations.

Community Air Monitoring Plan (CAMP):

-Air monitoring was performed and there were no VOC or PM-10 exceedances.

Problems Encountered:

-None.

Description of Upcoming Work Activities (Saturday, December 3, 2016):

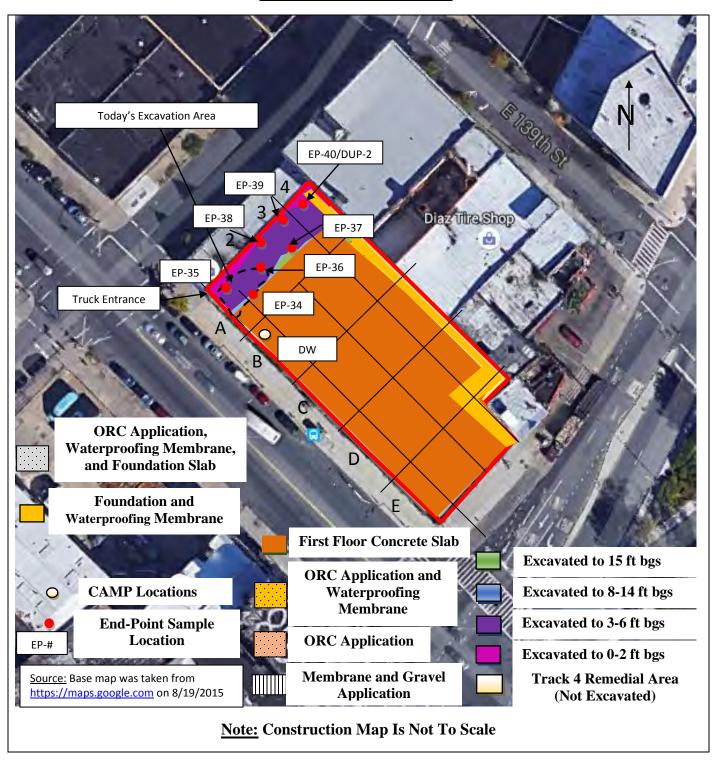
- The contractor anticipates to import 2.5 to 3-inch virgin stone from the Hamburg Quarry located in Hamburg, New Jersey in the southern portion of the western ramp.
- -The contractor anticipates to continue installation of the superstructure in the central and western portions of the site.

	Clean Earth of Carteret, Carteret, New Jersey (Non-Hazardous Soil)									
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
roddy	4	100								
Total	634	15,850								

^{* =} cubic yard totals are approximate since countersigned manifests have yet to been received

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Construction Map Sketch



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Photo 1 –

View of the contractor directly loading soil for off-site disposal, facing west.



Photo 2 -

View of the excavated area in the northern portion of the site, facing north.



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Photo 3 –

View of the entrance ramp along the western boundary of the site, facing southwest.



Photo 4 –

View of the superstructure from the entrance ramp, facing northeast.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow	Rain		Overcast	Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32	32-50	Х	50-70	70-85		>85	
WIND	SW 10-20-	mph						

 NYSDEC Project No:
 C203057
 OER E-Number:
 E-227
 Date:
 12/03/2016

Location: 255 E. 138th Street, Bronx, New York Job: Excavation of NYSDEC BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	
Contractor:	Subcontractor(s):
Lettire Construction Corp. Alex Adduci – Project Manager Ronmel Cimpoberde – Laborer	Scalpel Construction, Inc.

Equipment on Site:	
Lettire Construction Corp.	Groundwater Treatment and Technology, LLC
CAT PC128UU Backhoe	Dewatering storage and treatment tanks
CAT 315 L Backhoe	
900H Sullair Generator	
Clean Force 1800 PSI Power Washer	
LANDA 3500 PSI Power Washer	
Bobcat Skid Steer	

Description of Work Performed:

- -The contractor began to install one (1) pile cap in the northern portion of the western ramp.
- -The contractor imported three (3) truck-loads of 2½ to 3-inch virgin stone from Hamburg Quarry located in Hamburg, New Jersey. The contractor placed the stone in the southern portion of the western ramp.
- -The contractor continued the installation of the superstructure in the eastern and central portions of the site.

Equipment Delivered to Site:

-One (1) roll-off container was delivered to the Site.

Equipment Removed from Site:

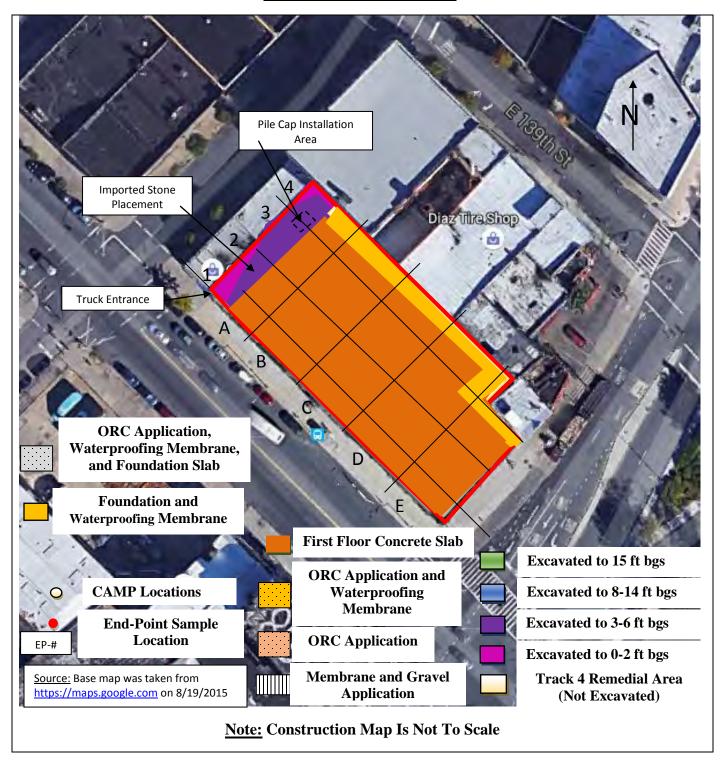
-One (1) roll-off container was removed from the Site.

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Material De	elivered to S	Site:										
-None.												
Material Re	emoved Fro	m Site:										
-None.												
Working In	Working In Grid #s: A1-4, B1-4, C1-4, D1-4, E1-4											
Samples Co	ollected:											
-None.												
Community	Air Monitor	ring Plan (CAMI	P):									
-CAMP was	not perform	med.										
Problems E	ncountered	<u>l:</u>										
-None.												
Description	of Upcomir	ng Work Activiti	es (Nex	t Week):	•							
-The contra	•	pates to continu	ue insta	allation o	f the re	maining	two (2)	pile cap	s in the	northern		
-The contra	actor antici	pates to contin	ue inst	tallation	of the s	superstru	cture in	the cer	ntral and	deastern		
portions of t	he site.											
	Cartere	arth of Carteret, t, New Jersey azardous Soil)										
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds		
	-	-										
Total	634	15,850	l singa sa	luntoro:~	nad ma	ifooto ba		o boon =	000;100			
= cubic ya	าน เบเสเร สัก	e approximate s	SITICE CO	Juniersig	neu mai	แเษรเร กล	ave yet t	o been f	eceived			

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Construction Map Sketch



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Photo 1 –

View of the southern portion of the western ramp prior to stone import, facing west.



Photo 2 -

View of the contractor preparing for the pile cap installation in the northern portion of the western ramp, facing north.



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Photo 3 –

View of the imported stone being placed in the southern portion of the western ramp, facing north.



Photo 4 -

View of the superstructure, facing northeast.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Overcast	Partly Cloudy	Χ	Bright Sun	
TEMP.	0 TO 32	Х	32-50	50-70	70-85		>85	
WIND	SW 15-20-	- mp	h					

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	12/15/2016
Location:	255 E. 138 th Street, Bro	onx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:	
Environmental Consultant:	Inspector(s):
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist	
Contractor:	Subcontractor(s):
Lettire Construction Corp. Ratko Krneta – Construction Site Superintendent &	Scalpel Construction, Inc.
Safety Officer	ARRCO Environmental Services Corp.
Alex Adduci – Project Manager	Daybi – Driller
Ronmel Cimpoberde – Laborer	

Equipment on Site:

Lettire Construction Corp.

CAT PC128UU Backhoe

CAT 315 L Backhoe

900H Sullair Generator

Clean Force 1800 PSI Power Washer

LANDA 3500 PSI Power Washer

Bobcat Skid Steer

Description of Work Performed:

- -AARCO Environmental Services Corp. (AARCO) installed one (1) permanent monitoring well (SMW-2) in the western Track 4 Ramp Area to 20 feet below grade surface (bgs).
- -The contractor continued the installation of the superstructure in the eastern and central portions of the Site.

Equipment Delivered to Site:

-AARCO brought a GeoProbe® 7822DT Drill Rig on-site for the installation of the permanent monitoring well.

Equipment Removed from Site:

-AARCO removed the GeoProbe® 7822DT Drill Rig after the completion of the permanent monitoring well installation.

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Material De	elivered to S	Site:								
-None.										
Material Re	emoved Fro	m Site:								
-None.										
Working In	Grid #s: A1	I-4, B1-4, C1-4,	D1-4,	E1-4						
Samples Co	ollected:									
-None.										
Community	Air Monitor	ring Plan (CAMI	P) <u>:</u>							
-CAMP was	not perfori	med.								
Problems E	ncountered	<u>l:</u>								
-None.										
Description	of Upcomir	ng Work Activiti	es (Nex	t Week):						
for the rema	aining portion anticipation	ates to install to ons of the Site in pates to contin	n the w	estern ra	mp area	١.				
	Cartere	orth of Carteret, t, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Total	634	15,850								
		e approximate s	since co	untersig	ned mar	nifests ha	ave yet t	o been r	eceived	

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Construction Map Sketch



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Photo 1 –

View of AARCO installing the permanent monitoring well (SMW-2) in the ramp entrance area, facing northeast.

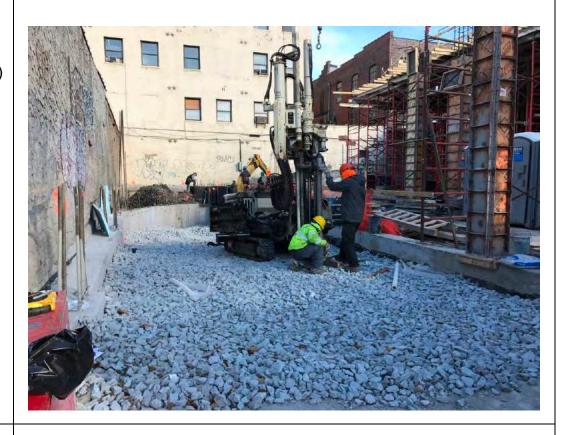


Photo 2 –

View of the northern portion of the ramp descending into the basement, facing east.



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Photo 3 –

View of the ramp facing southwest.

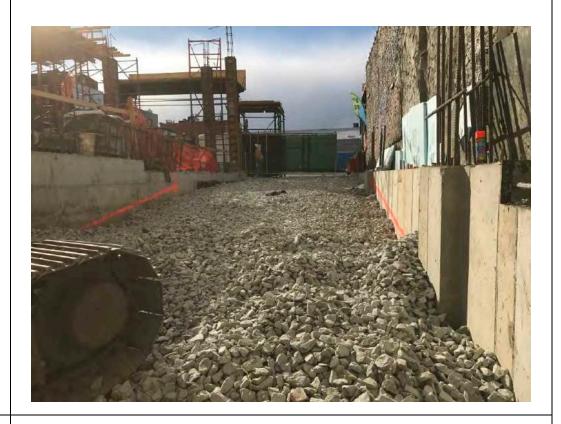
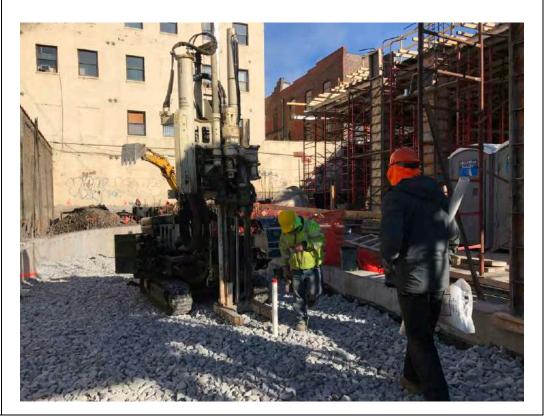


Photo 4 –

View of the installed permanent monitoring well (SMW-2), facing northeast.



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Field Representative(s): Monica Norton

Client: East 138th Street LLC

WEATHER	Snow		Rain	Rain Overcast			Partly Cloudy	Х	Bright Sun	
TEMP.	0 TO 32		32-50	Х	50-70		70-85		>85	
WIND	WNW 10-15 mph									

NYSDEC Project No:	C203057	OER E-Number:	E-2	227	Date:	12/27/2016
Location:	255 E. 138 th Street, Bro	nx, New York	Job:	Excavation of N	YSDEC	BCP # C203057

Personnel On Site:							
Environmental Consultant:	Inspector(s):						
Brinkerhoff Environmental Services, Inc. Monica Norton – Geologist							
Contractor:	Subcontractor(s):						
Lettire Construction Corp. Alex Adduci – Project Manager Ronmel Cimpoberde – Laborer Edwin Valera – Security	Scalpel Construction, Inc.						

Equipment on Site:

Lettire Construction Corp.

900H Sullair Generator Clean Force 1800 PSI Power Washer LANDA 3500 PSI Power Washer

Description of Work Performed:

- -The contractor poured concrete in the northern portion of the Site for the first floor slab. Now the entire site has been covered with the waterproofing membrane and concrete slab.
- -The contractor continued the installation of the superstructure in the eastern and central portions of the Site.

Equipment Delivered to Site:

-No equipment was delivered to the Site.

Equipment Removed from Site:

-No equipment was removed from the Site.

Material Delivered to Site:

-Approximately 170 cubic yards of concrete was delivered to the Site.

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Material Re	emoved Fro	om Site:								
-No materia	al was remo	oved from the S	Site.							
Working In	Grid #s: A	1-4, B1-4, C1-4	, D1-4,	E1-4						
Samples Co	ollected:									
-None.										
Community	Air Monito	ring Plan (CAM	<u>IP):</u>							
-CAMP was	s not perfor	med.								
Problems E	ncountered	<u>d:</u>								
-None.										
Description	of Upcomin	ng Work Activit	ies (Res	st of this	Week):					
-The contra	ctor anticip	ates to continu	e installa	ation of t	he supe	rstructure	e across	the entir	e Site.	
	Cartere	arth of Carteret, t, New Jersey azardous Soil)								
Today	Trucks	Cu. Yds.*	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds	Trucks	Cu. Yds
Touay	-	-								
Total	634	15,850								
* = cubic ya	rd totals ar	e approximate	since co	ountersig	ned mai	nifests ha	ave yet t	o been re	eceived	

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Construction Map Sketch



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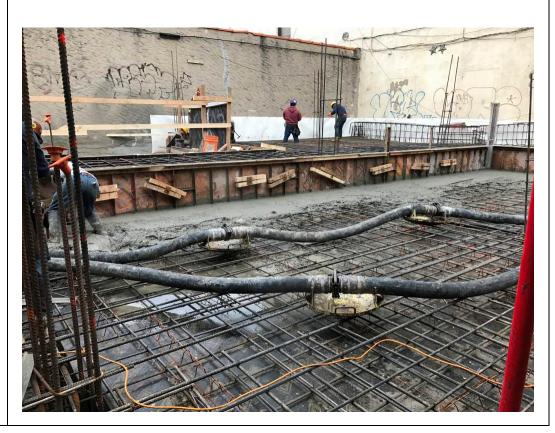
Photo 1 –

View of the Site in preparation for the first floor concrete installation in the northern portion of the Site, facing northeast.



Photo 2 –

View of the concrete installation in the northern portion of the Site, facing north.



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT

Photo 3 -

View of the installed concrete in the northern portion of the Site for the first floor, facing north.

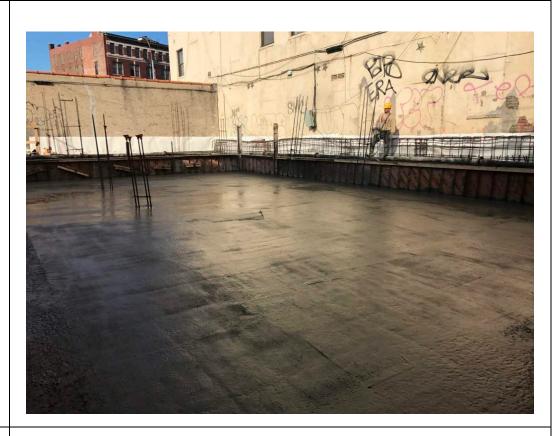
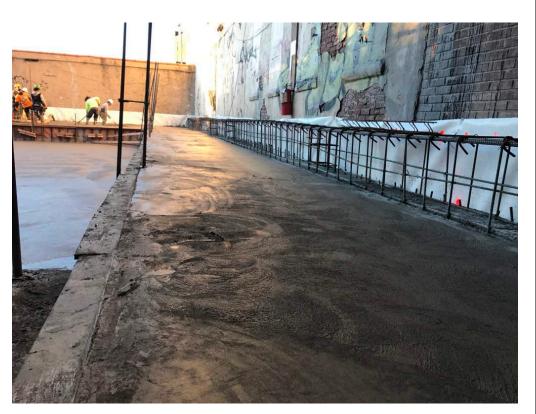


Photo 4 -

View of the installed concrete along the northern boundary of the Site, facing northwest.



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT

Photo 5 –

View of the installed concrete along the northwest boundary of the Site, facing northwest.

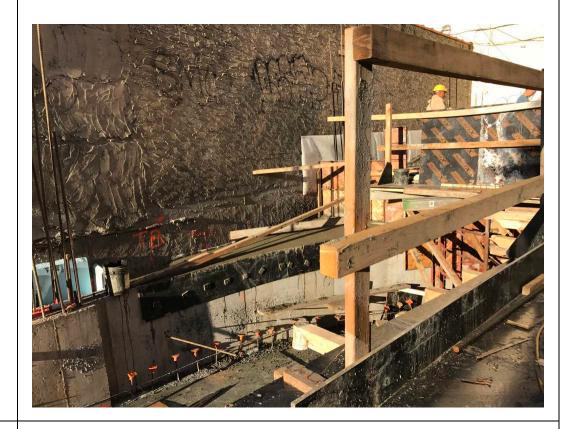
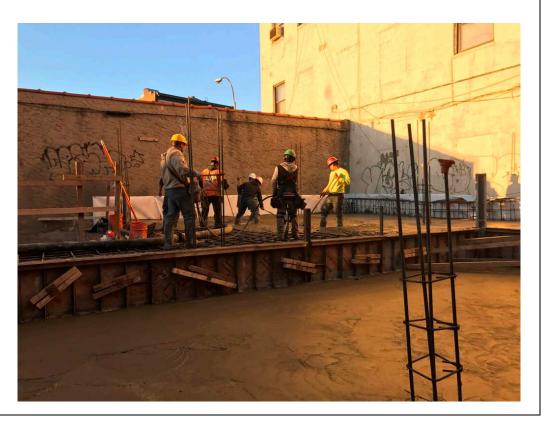


Photo 6 -

View of the concrete installation in the northern corner of the Site, facing north.



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BRINKERHOFF ENVIRONMENTAL SERVICES, INC. DAILY FIELD ACTIVITY REPORT

Photo 7 –

Additional view of the concrete installation in the northern corner of the Site, facing north.



File Name: _____Daily Field Report 12/27/2016_

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ANALYTICAL REPORT

or

BRINKERHOFF ENVIRONMENTAL

1805 Atlantic Ave. Manasquan, NJ 08736

Project: 255 East 138th Street AAR Work Order: 1500778

Client Sample ID: Lab Sample ID: WC-1 1500778-01 WC-1 1500778-01RE1 WC-2 1500778-02 WC-3 1500778-03 WC-4 1500778-04 WC-5 1500778-05 WC-5 1500778-05RE1 WC-6 1500778-06 WC-7 1500778-07 WC-8 1500778-08 WC-9 1500778-09 WC-10 1500778-10 MW-2 1500778-11 MW-2 1500778-11RE1



This data has been reviewed and accepted by:

Daniel Miguel

06/11/2015

Technical Director

New Jersey Certification Number: 12007 New York Certification Number: 11109 Pennsylvania Certification Number: 68-02799

This report shall not be reproduced, except in its entirety, without the written consent of Accredited Analytical Resources, LLC.

The test results included in this report relate only to the samples analyzed.



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Metals	
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Case Narrative

Conformance / Non-Conformance Summary

Accredited Analytical Resources, LLC received 11 sample(s) from BRINKERHOFF ENVIRONMENTAL (Project: 255 East 138th Street) on 5/13/2015 4:05:00 PM.

All analyses were performed within the required holding time.

In the Volatile Organic analyses, the MDL level was elevated for AAR Sample #1500778-02 due to matrix interference. The methylene chloride result reported for AAR Sample #1500778-02 and -05 is due to laboratory contamination.

Except for the parameters tested AAR makes no representation as to the fitness or quality of the sample (s) taken.

"The laboratory has reviewed the quality assurance and quality control measurements for the sample analyses.

Daniel Miguel Technical Director



Methodology Summary

EPA Method SW846 8081/8082:

NJ 8081A/8082 NY 8081B/8082A

Extractable Petroleum Hydrocarbons by NJ EPH:

NJDEP EPH

Semivolatile Organic Compounds EPA Method SW846 8270:

NJ 8270C NY 8270D

TCLP Mercury by SW846 7470:

1311/7470

TCLP Metals by SW846 6010:

NJ 1311/6010B NY 1311/6010C

Total Mercury by SW846 7470:

EPA 7470A

Total Mercury by SW846 7471:

NJ EPA 7471A NY EPA 7471B

Total Metals by EPA Method SW846 6010:

NJ 6010B NY 6010C

Volatile Organic Compounds EPA Method SW846 8260:

NJ 8260B NY 8260C

Wet Chemistry:

NJ Flashpoint by EPA 1010
NY Flashpoint by EPA 1010A
Reactive Cyanide by EPA 9014
Total Cyanide by EPA 9010C & EPA 9014
Sulfide Reactive by EPA 9031
NJ pH by EPA 9045C
NY pH by EPA 9045D
NJ Paint Filter Test by EPA 9095
NY Paint Filter Test by EPA 9095B
Percent Solids by SM 2540 G
Total Cyanide by SM 4500CN C & E

ACCREDITED ANALYTICAL RESOURCES, LLC

20 PERSHING AVENUE CARTERET, NEW JERSEY 07008 PHONE (732) 969-6112 FAX (732) 541-1383 accreditedanalytical.com

CLIENT	Brinke hoff Environmental
ADDRESS	1805 Atlantic Avenue
CITY	Marasquan
STATE	New Jersey ZIP 08736

Page _____ of ____ CHAIN OF CUSTODY FORM

STATE AG	SENCY NUMY PA CT DE OTHER
PROJECT	255 East 138th Sheet
CONTACT	Dong Harm
PHONE	737-273-7775
FAX	732-223-3666
E-MAIL	dharm@brinkenv.com

LABORATORY SAMPLE #	CLIENT FIELD ID	# OF CONT AIN ERS	E C F F F	PRESE RVA TIVE	DATE: TIME SAMPLED	SAMPLE DESCRIPTION		PTION	ANALYSIS
1 500778-()	WC-1	y	3	-	10:20	GRAB	COMPOSITE	DEPTH 4	TALITCL, TCLPMetals EPHRia
-09	W-2	4	5	-	5/13/15		×		
-03	WC-3	4	5	_	5/13/15 10:50 5/13/15		×		
- 04	WC-4	4	5		09.00		X		
-05	WC-5	4	5	_	5/13/18		X		
-06		4	5	-	5/13/15		X		V
-07	WC-7	7	5	_	5/13/15		×		RChA Characteristics
-08	WC-8	7	5		5/13/15		x		V
-09	WC-9	4	S		5/13/15		X		TAL/TCL EPH
-10	WC-10	4	15	- W	10100		X		V V V V V V V V V V V V V V V V V V V
~11	Mw-2	7	600	HCL, WASH	5/13/15 17:40				TALTICL (Filterd & U.S. 1 tros
* M = MATRIX	S=SOIL G=SLU	DGE	0=	OIL	F=FILTER	K=SOLI	D X=OTHER		

Sean Harrison K. Muniz D. Numiz AAR 5/18/18 1605 And PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: Sean Harrison SIGN: Phase filter for metals for groundwater simple in COMMENTS aboverby, Note: VOLS from composite simples were AAR QUOTE # AAR CASE # 15007	TURNAROUND T	IME ST	D		(IF BLANK, STE). 3 WEI	EKS)	
PRESERVATIVE CODE: 1=HCL 2=HNO3 3=H2SO4 4=Na2S2O3 5=NaOH 6=MeOH 7=OTHER RELINQUISHED BY: PRINT SIGN PRINT SIGN Sean Harrism AAR 5 B K 1605 And PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: Sean Harrism Sign: Please f: Her far metals for groundwards imple M. COMMENTS Igharday, Note: VOLs from carposte suggested were AAR QUOTE# AAR CASE# 15007	RECIEVED W/ ICE? YE	SM NOD TEN	PERATURE: 4°C					
PRINT SIGN PRINT SIGN Sean Harrism K. Muniz DX. Numly AAR SIBIK 1605 And PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: Sean Harrism SIGN: Please f: Her for me had so for groundwater imple M. COMMENTS Growday, Note; VOLs from carposte suples were AAR QUOTE # AAR QUOTE #		BLES	NJ REDUCED NJ FU	JLL OTHER: NYASP	Cat. A NYAS	SP Cat.	В	
PRINT SIGN PRINT SIGN ORGANIZATION DATE TIME RE Sean Harrison K. Muniz D. Numia AAR SIBIK 1605 And PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: Sean Harrison SIGN: Phease filter for metals for groundwater simple in AAR QUOTE # COMMENTS absorbery, Note: VOCs from composite simples were AAR CASE # 15007	PRESERVATIVE CODE:	1=HCL 2=HNO ₃	3=H ₂ SO ₄ 4=Na ₂ S ₂ O ₃ 5=	=NaOH 6=MeQH 7=O1	HER			
Person(s) Assuming Responsibility FOR SAMPLING: PRINT: Sean Harrison SIGN: Phase filter for metals for groundwater simple in COMMENTS laboratory, Note: VOCs from composite simples were ARR QUOTE # AAR QUOTE #					ORGANIZATION	DATE	TIME	REASON
Phease filter for metals for groundwoods simple in AARQUOTE# COMMENTS Grownbury, Note: VOLS from composite simples were AARCASE# 15007		A.D.		The second secon	AAR	2181R	16°5	Analysis
COMMENTS Ignoroutary, Note: VOL's from composite suples were AARCASE# 15007	PERSON(S) ASSUMING	RESPONSIBILITY	FOR SAMPLING: PRINT:	Sean Harrison	SIGN:	4	4	5
COMMENTS GOODCHEY, NOTE: VOLS from composite suples were AARCASE# 15007	Phinse	filter for m	vetals for grounder	et simple h	AAR QUOTE	#		
	COMMENTS Jabores	tay Note:	VOLS from campost	te suples were	AAR CASE#	Tj.	150	0778
collected from Oscrete great samples. See Reverse for Instructions 6 of 134					P.O.#			The state of the s



Customer Change Order

Initiator:	Bernie	Date:	5-18-15
Client:	BES	Phone No.:	
Contact:	Sean H.	Fax No.:	
Work Order No.:	1500778	E-Mail Address:	
Date Sampled:	5-13-15	Demand Date:	5-20-14 (for 11 only)
		Holding Time Up on:	
Change Order	Request:		
-	•		
Revise the TAT to	5 days for sample 11 o	only	
Revise the TAT to	5 days for sample 11 o	only.	
Revise the TAT to	5 days for sample 11 o	only.	
Revise the TAT to	5 days for sample 11 o	only.	
Revise the TAT to	5 days for sample 11 o	only.	
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Revise the TAT to	5 days for sample 11 o	only.	
Revise the TAT to	5 days for sample 11 o	only.	
Revise the TAT to	5 days for sample 11 o	only.	
	5 days for sample 11 o	only.	
	5 days for sample 11 o	only.	

Bernie O'Gara

From: "Sean Harrison" <sharrison@brinkenv.com>

To: "Bernie O'Gara" <bernie@accreditedanalytical.com>

Cc: "'Doug Harm'" <dharm@brinkenv.com>

Sent: Friday, May 15, 2015 5:07 PM **Attach:** Revised COC-2015-05-15.pdf

Subject: 255 East 138th Street, Bronx, New York

Hi Bernie,

Please find the revised chain of custody attached for the 255 East 138th Street project. I wanted to change the turnaround time for only the groundwater sample, MW-2, to 1 week instead of standard TAT. The soil samples, WC-1 through WC-10, shall be kept at a standard TAT. Please confirm when you have a chance.

Thank you,

Sean

Sean Harrison sharrison@brinkenv.com

BRINKERHOFF



1805 Atlantic Avenue Manasquan, NJ 08736 Phone: 732-223-2225, xt 26

Fax: 732-223-3666 Web: www.BrinkEnv.com

Page of _ ACCREDITED ANALYTICAL RESOURCES, LLC **CHAIN OF CUSTODY FORM** 20 PERSHING AVENUE STATE AGENCY NU NY PA CT DE OTHER CARTERET, NEW JERSEY 07008 PHONE (732) 969-6112 FAX (732) 541-1383 accreditedanalytical.com **PROJECT** CLIENT CONTACT **ADDRESS** PHONE CITY FAX STATE ZIP E-MAIL Sharm Ebrinkenu, con LABORATORY CLIENT FIELD ID SAMPLE DESCRIPTION ANALYSIS SAMPLE # SAMPLED GRAB COMPOSITE DEPTH TALITCL TCIPMetals EPHPLE Filter 113/16 6/18/115 5/13/15 Characteristics 5/17/15 5/13/15 Filtered + Uni M = MATRIX S=SOIL G=SLUDGE O=OIL F=FILTER K=SOLID X=OTHER GW=GROUND WATER WW=WASTE WATER SW=SURFACE WATER P=POTABLE WATER CODE For groundwater sample MW-TURNAROUND TIME (IF BLANK, STD. 3 WEEKS) RECIEVED W/ ICE? YES | NO | **TEMPERATURE:** QA/QC DELIVERABLES STD NJREDUCED NJ FULL OTHER: NYASP Cat. A NYASP Cat. B (circle one) PRESERVATIVE CODE: 1=HCL 2=HNO₃ 3=H₂SO₄ 4=Na₂S₂O₃ 5≂NaOH 6=MeOH 7=OTHER RELINQUISHED BY RECEIVED BY: DATE **ORGANIZATION** TIME REASON PRINT SIGN PRINT SIGN Sean Harrisin

See Reverse for Instructions

me to 15 for groundwater simple

VOCS from composite soules

Oscrete grab samples

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: _______

Note:

COMMENTS

9 of 134

SIGN:

AAR QUOTE #

AAR CASE #

P.O. #



Analytical Report for Samples

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WC-1	1500778-01	Soil	05/13/2015 10:20	05/13/2015 16:05
WC-2	1500778-02	Soil	05/13/2015 11:15	05/13/2015 16:05
WC-3	1500778-03	Soil	05/13/2015 10:50	05/13/2015 16:05
WC-4	1500778-04	Soil	05/13/2015 09:00	05/13/2015 16:05
WC-5	1500778-05	Soil	05/13/2015 09:53	05/13/2015 16:05
WC-6	1500778-06	Soil	05/13/2015 09:20	05/13/2015 16:05
WC-7	1500778-07	Soil	05/13/2015 11:22	05/13/2015 16:05
WC-8	1500778-08	Soil	05/13/2015 09:55	05/13/2015 16:05
WC-9	1500778-09	Soil	05/13/2015 11:27	05/13/2015 16:05
WC-10	1500778-10	Soil	05/13/2015 10:00	05/13/2015 16:05
MW-2	1500778-11	Ground Water	05/13/2015 12:40	05/13/2015 16:05

Data Qualifiers

ND - Indicates compound analyzed for but not detected

- U Indicates compound analyzed for but not detected
- J Indicates estimated value for TICs and all results when detected below the RL
- B Indicates compound found in associated blank
- E Concentration exceeds highest calibration standard
- D Indicates result is based on a dilution
- P Greater than 25% diff. between 2 GC columns.
- MDL Minimum detection limit
- RL Reporting limit

^{*} Values outside of QC limits



PETROLEUM HYDROCARBONS



NJDEP EPH

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/15/15 08:08 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 3545A File ID: K14094.D

Prep Batch: B5E1503 Sequence: S5E2001 Analyzed: 05/20/15 08:56

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	2430	93.0	93.0	D
	<u>Surrogate</u>	% Recovery	Recovery Limits		
	o-Terphenyl	81.9%	40-140		
	1-Chlorooctadecane	82.3%	40-140		

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



NJDEP EPH

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2 Lab Sample ID: 1500778-02

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:15 Prep Date: 05/15/15 08:08 Matrix: Soil

Percent Solids: 88.20 Prep Method: EPA 3545A File ID: K14095.D

Prep Batch: B5E1503 Sequence: S5E2001 Analyzed: 05/20/15 09:36

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	2160	90.7	90.7	D
	<u>Surrogate</u>	% Recovery	Recovery Limits		
	o-Terphenyl	83.2%	40-140		
	1-Chlorooctadecane	87.9%	40-140		

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



NJDEP EPH

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-3 Lab Sample ID: 1500778-03

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:50 Prep Date: 05/15/15 08:08 Matrix: Soil

Percent Solids: 72.80 Prep Method: EPA 3545A File ID: K14080.D

Prep Batch: B5E1503 Sequence: S5E1908 Analyzed: 05/19/15 23:44

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	245	22.0	22.0	
	<u>Surrogate</u>	% Recovery	Recovery Limits		
	o-Terphenyl	72.9%	40-140		
	1-Chlorooctadecane	76.4%	40-140		

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



NJDEP EPH

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4 Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00 Prep Date: 05/15/15 08:08 Matrix: Soil

Percent Solids: 85.10 Prep Method: EPA 3545A File ID: K14081.D

Prep Batch: B5E1503 Sequence: S5E1908 Analyzed: 05/20/15 00:24

CAS NO.	COMPOUND	CONC. (mg/kg.dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	199	18.8	18.8	
	Surrogate	% Recovery	Recovery Limits		
	o-Terphenyl	84.3%	40-140		
	1-Chlorooctadecane	101%	40-140		

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



NJDEP EPH

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5
Lab Sample ID: 1500778-05

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/15/15 08:08 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3545A File ID: K14082.D

Prep Batch: B5E1503 Sequence: S5E1908 Analyzed: 05/20/15 01:03

CAS NO.	COMPOUND	CONC. (mg/kg.dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	582	18.2	18.2	
	Surrogate	% Recovery	Recovery Limits		
	o-Terphenyl	83.4%	40-140		
	1-Chlorooctadecane	114%	40-140		

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



NJDEP EPH

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-6
Lab Sample ID: 1500778-06

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:20 Prep Date: 05/15/15 08:08 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3545A File ID: K14083.D

Prep Batch: B5E1503 Sequence: S5E1908 Analyzed: 05/20/15 01:42

CAS NO.	COMPOUND	CONC. (mg/kg.dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	294	18.2	18.2	
	Surrogate	% Recovery	Recovery Lir	mits	
	o-Terphenyl	93.6%	40-140		
	1-Chlorooctadecane	117%	40-140		

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



NJDEP EPH

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-9
Lab Sample ID: 1500778-09

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:27 Prep Date: 05/15/15 08:08 Matrix: Soil

Percent Solids: 85.30 Prep Method: EPA 3545A File ID: K14084.D

Prep Batch: B5E1503 Sequence: S5E1908 Analyzed: 05/20/15 02:22

CAS NO.	COMPOUND	CONC. (mg/kg.dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	84.1	18.8	18.8	
	Surrogate	% Recovery	Recovery Lir	mits	
	o-Terphenyl	46.2%	40-140		
	1-Chlorooctadecane	53.5%	40-140		

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



NJDEP EPH

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-10 Lab Sample ID: 1500778-10

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:00 Prep Date: 05/15/15 08:08 Matrix: Soil

Percent Solids: 83.30 Prep Method: EPA 3545A File ID: K14085.D

Prep Batch: B5E1503 Sequence: S5E1908 Analyzed: 05/20/15 03:01

CAS NO.	COMPOUND	CONC. (mg/kg dry)	MDL	RL	Q
NA	Extractable Petroleum Hydrocarbons (EPH)	73.6	19.2	19.2	
	Surrogate	% Recovery	Recovery Limits		
	o-Terphenyl	59.6%	40-140		
	1-Chlorooctadecane	67.3%	40-140		

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



PEST/PCB



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 3550B File ID: A18085.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 14:32

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.767	0.767	U
319-85-7	beta-BHC	ND	0.767	0.767	U
319-86-8	delta-BHC	ND	0.767	0.767	U
58-89-9	gamma-BHC [Lindane]	ND	0.767	0.767	U
76-44-8	Heptachlor	ND	0.767	0.767	U
309-00-2	Aldrin	ND	0.767	0.767	U
1024-57-3	Heptachlor Epoxide	ND	0.767	0.767	U
959-98-8	Endosulfan I	ND	0.767	0.767	U
60-57-1	Dieldrin	ND	1.55	1.55	U
72-55-9	4,4'-DDE	ND	1.55	1.55	U
72-20-8	Endrin	ND	1.55	1.55	U
33213-65-9	Endosulfan II	ND	1.55	1.55	U
72-54-8	4,4'-DDD	ND	1.55	1.55	U
1031-07-8	Endosulfan sulfate	ND	1.55	1.55	U
50-29-3	4,4'-DDT	ND	1.55	1.55	U
72-43-5	Methoxychlor	ND	7.74	7.74	U
53494-70-5	Endrin ketone	ND	1.55	1.55	U
7421-93-4	Endrin aldehyde	ND	1.55	1.55	U
5103-71-9	alpha-Chlordane	ND	0.767	0.767	U
5566-34-7	gamma-Chlordane	ND	0.767	0.767	U
8001-35-2	Toxaphene	ND	38.7	38.7	U
12674-11-2	Aroclor-1016	ND	19.3	38.7	U



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 3550B File ID: A18085.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 14:32

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	19.3	38.7	U
11141-16-5	Aroclor-1232	ND	19.3	38.7	U
53469-21-9	Aroclor-1242	ND	19.3	38.7	U
12672-29-6	Aroclor-1248	ND	19.3	38.7	U
11097-69-1	Aroclor-1254	ND	19.3	38.7	U
11096-82-5	Aroclor-1260	ND	19.3	38.7	U
37324-23-5	Aroclor-1262	ND	19.3	38.7	U
11100-14-4	Aroclor-1268	ND	19.3	38.7	U

<u>Surrogate</u>	% Recovery	Recov	ery Limits
Tetrachloro-m-xylene	58.8%		30-150
Tetrachloro-m-xylene [2C]	87.5%		30-150
Decachlorobiphenyl	66.1%		30-150
Decachlorobiphenyl [2C]	523%	*	30-150

^{*} Values outside of QC limits

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B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2 Lab Sample ID: 1500778-02

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:15 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 88.20 Prep Method: EPA 3550B File ID: A18086.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 15:04

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.748	0.748	U
319-85-7	beta-BHC	ND	0.748	0.748	U
319-86-8	delta-BHC	ND	0.748	0.748	U
58-89-9	gamma-BHC [Lindane]	ND	0.748	0.748	U
76-44-8	Heptachlor	ND	0.748	0.748	U
309-00-2	Aldrin	ND	0.748	0.748	U
1024-57-3	Heptachlor Epoxide	ND	0.748	0.748	U
959-98-8	Endosulfan I	ND	0.748	0.748	U
60-57-1	Dieldrin	ND	1.51	1.51	U
72-55-9	4,4'-DDE	ND	1.51	1.51	U
72-20-8	Endrin	ND	1.51	1.51	U
33213-65-9	Endosulfan II	ND	1.51	1.51	U
72-54-8	4,4'-DDD	ND	1.51	1.51	U
1031-07-8	Endosulfan sulfate	ND	1.51	1.51	U
50-29-3	4,4'-DDT	ND	1.51	1.51	U
72-43-5	Methoxychlor	ND	7.55	7.55	U
53494-70-5	Endrin ketone	ND	1.51	1.51	U
7421-93-4	Endrin aldehyde	ND	1.51	1.51	U
5103-71-9	alpha-Chlordane	ND	0.748	0.748	U
5566-34-7	gamma-Chlordane	ND	0.748	0.748	U
8001-35-2	Toxaphene	ND	37.8	37.8	U
12674-11-2	Aroclor-1016	ND	18.8	37.8	U



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2 Lab Sample ID: 1500778-02

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:15 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 88.20 Prep Method: EPA 3550B File ID: A18086.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 15:04

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	18.8	37.8	U
11141-16-5	Aroclor-1232	ND	18.8	37.8	U
53469-21-9	Aroclor-1242	ND	18.8	37.8	U
12672-29-6	Aroclor-1248	ND	18.8	37.8	U
11097-69-1	Aroclor-1254	ND	18.8	37.8	U
11096-82-5	Aroclor-1260	ND	18.8	37.8	U
37324-23-5	Aroclor-1262	ND	18.8	37.8	U
11100-14-4	Aroclor-1268	ND	18.8	37.8	U

Surrogate	% Recovery	Recovery Limits
Tetrachloro-m-xylene	74.6%	30-150
Tetrachloro-m-xylene [2C]	82.0%	30-150
Decachlorobiphenyl	69.9%	30-150
Decachlorobiphenyl [2C]	124%	30-150

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-3 Lab Sample ID: 1500778-03

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:50 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 72.80 Prep Method: EPA 3550B File ID: A18087.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 15:35

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.907	0.907	U
319-85-7	beta-BHC	ND	0.907	0.907	U
319-86-8	delta-BHC	ND	0.907	0.907	U
58-89-9	gamma-BHC [Lindane]	ND	0.907	0.907	U
76-44-8	Heptachlor	ND	0.907	0.907	U
309-00-2	Aldrin	ND	0.907	0.907	U
1024-57-3	Heptachlor Epoxide	ND	0.907	0.907	U
959-98-8	Endosulfan I	ND	0.907	0.907	U
60-57-1	Dieldrin	ND	1.83	1.83	U
72-55-9	4,4'-DDE	ND	1.83	1.83	U
72-20-8	Endrin	ND	1.83	1.83	U
33213-65-9	Endosulfan II	ND	1.83	1.83	U
72-54-8	4,4'-DDD	ND	1.83	1.83	U
1031-07-8	Endosulfan sulfate	ND	1.83	1.83	U
50-29-3	4,4'-DDT	ND	1.83	1.83	U
72-43-5	Methoxychlor	ND	9.15	9.15	U
53494-70-5	Endrin ketone	ND	1.83	1.83	U
7421-93-4	Endrin aldehyde	ND	1.83	1.83	U
5103-71-9	alpha-Chlordane	ND	0.907	0.907	U
5566-34-7	gamma-Chlordane	ND	0.907	0.907	U
8001-35-2	Toxaphene	ND	45.7	45.7	U
12674-11-2	Aroclor-1016	ND	22.8	45.7	U



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-3 Lab Sample ID: 1500778-03

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:50 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 72.80 Prep Method: EPA 3550B File ID: A18087.D

Prep Batch: B5E2011 Sequence: \$5E2102 Analyzed: 05/21/15 15:35

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	22.8	45.7	U
11141-16-5	Aroclor-1232	ND	22.8	45.7	U
53469-21-9	Aroclor-1242	ND	22.8	45.7	U
12672-29-6	Aroclor-1248	ND	22.8	45.7	U
11097-69-1	Aroclor-1254	ND	22.8	45.7	U
11096-82-5	Aroclor-1260	ND	22.8	45.7	U
37324-23-5	Aroclor-1262	ND	22.8	45.7	U
11100-14-4	Aroclor-1268	ND	22.8	45.7	U

Surrogate	% Recovery	Recovery Limits
Tetrachloro-m-xylene	68.7%	30-150
Tetrachloro-m-xylene [2C]	93.3%	30-150
Decachlorobiphenyl	78.1%	30-150
Decachlorobiphenyl [2C]	84.8%	30-150

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4 Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 85.10 Prep Method: EPA 3550B File ID: A18088.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 16:07

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.776	0.776	U
319-85-7	beta-BHC	ND	0.776	0.776	U
319-86-8	delta-BHC	ND	0.776	0.776	U
58-89-9	gamma-BHC [Lindane]	ND	0.776	0.776	U
76-44-8	Heptachlor	ND	0.776	0.776	U
309-00-2	Aldrin	ND	0.776	0.776	U
1024-57-3	Heptachlor Epoxide	ND	0.776	0.776	U
959-98-8	Endosulfan I	ND	0.776	0.776	U
60-57-1	Dieldrin	ND	1.56	1.56	U
72-55-9	4,4'-DDE	ND	1.56	1.56	U
72-20-8	Endrin	ND	1.56	1.56	U
33213-65-9	Endosulfan II	ND	1.56	1.56	U
72-54-8	4,4'-DDD	ND	1.56	1.56	U
1031-07-8	Endosulfan sulfate	ND	1.56	1.56	U
50-29-3	4,4'-DDT	ND	1.56	1.56	U
72-43-5	Methoxychlor	ND	7.83	7.83	U
53494-70-5	Endrin ketone	ND	1.56	1.56	U
7421-93-4	Endrin aldehyde	ND	1.56	1.56	U
5103-71-9	alpha-Chlordane	ND	0.776	0.776	U
5566-34-7	gamma-Chlordane	ND	0.776	0.776	U
8001-35-2	Toxaphene	ND	39.1	39.1	U
12674-11-2	Aroclor-1016	ND	19.5	39.1	U



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4 Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 85.10 Prep Method: EPA 3550B File ID: A18088.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 16:07

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	19.5	39.1	U
11141-16-5	Aroclor-1232	ND	19.5	39.1	U
53469-21-9	Aroclor-1242	ND	19.5	39.1	U
12672-29-6	Aroclor-1248	ND	19.5	39.1	U
11097-69-1	Aroclor-1254	ND	19.5	39.1	U
11096-82-5	Aroclor-1260	ND	19.5	39.1	U
37324-23-5	Aroclor-1262	ND	19.5	39.1	U
11100-14-4	Aroclor-1268	ND	19.5	39.1	U

Surrogate	% Recovery	Recovery Limits
Tetrachloro-m-xylene	70.5%	30-150
Tetrachloro-m-xylene [2C]	79.3%	30-150
Decachlorobiphenyl	96.4%	30-150
Decachlorobiphenyl [2C]	224%	* 30-150

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5 Lab Sample ID: 1500778-05

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B File ID: A18089.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 16:38

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.750	0.750	U
319-85-7	beta-BHC	ND	0.750	0.750	U
319-86-8	delta-BHC	ND	0.750	0.750	U
58-89-9	gamma-BHC [Lindane]	ND	0.750	0.750	U
76-44-8	Heptachlor	ND	0.750	0.750	U
309-00-2	Aldrin	ND	0.750	0.750	U
1024-57-3	Heptachlor Epoxide	ND	0.750	0.750	U
959-98-8	Endosulfan I	ND	0.750	0.750	U
60-57-1	Dieldrin	ND	1.51	1.51	U
72-55-9	4,4'-DDE	ND	1.51	1.51	U
72-20-8	Endrin	ND	1.51	1.51	U
33213-65-9	Endosulfan II	ND	1.51	1.51	U
72-54-8	4,4'-DDD	ND	1.51	1.51	U
1031-07-8	Endosulfan sulfate	ND	1.51	1.51	U
50-29-3	4,4'-DDT	ND	1.51	1.51	U
72-43-5	Methoxychlor	ND	7.57	7.57	U
53494-70-5	Endrin ketone	ND	1.51	1.51	U
7421-93-4	Endrin aldehyde	ND	1.51	1.51	U
5103-71-9	alpha-Chlordane	ND	0.750	0.750	U
5566-34-7	gamma-Chlordane	ND	0.750	0.750	U
8001-35-2	Toxaphene	ND	37.8	37.8	U
12674-11-2	Aroclor-1016	ND	18.9	37.8	U



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5 Lab Sample ID: 1500778-05

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B File ID: A18089.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 16:38

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	18.9	37.8	U
11141-16-5	Aroclor-1232	ND	18.9	37.8	U
53469-21-9	Aroclor-1242	ND	18.9	37.8	U
12672-29-6	Aroclor-1248	ND	18.9	37.8	U
11097-69-1	Aroclor-1254	ND	18.9	37.8	U
11096-82-5	Aroclor-1260	ND	18.9	37.8	U
37324-23-5	Aroclor-1262	ND	18.9	37.8	U
11100-14-4	Aroclor-1268	ND	18.9	37.8	U

Surrogate	% Recovery	Recovery Limits
Tetrachloro-m-xylene	56.9%	30-150
Tetrachloro-m-xylene [2C]	63.7%	30-150
Decachlorobiphenyl	55.1%	30-150
Decachlorobiphenyl [2C]	138%	30-150

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-6 Lab Sample ID: 1500778-06

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:20 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B File ID: A18090.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 17:10

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.750	0.750	U
319-85-7	beta-BHC	ND	0.750	0.750	U
319-86-8	delta-BHC	ND	0.750	0.750	U
58-89-9	gamma-BHC [Lindane]	ND	0.750	0.750	U
76-44-8	Heptachlor	ND	0.750	0.750	U
309-00-2	Aldrin	ND	0.750	0.750	U
1024-57-3	Heptachlor Epoxide	ND	0.750	0.750	U
959-98-8	Endosulfan I	ND	0.750	0.750	U
60-57-1	Dieldrin	ND	1.51	1.51	U
72-55-9	4,4'-DDE	ND	1.51	1.51	U
72-20-8	Endrin	ND	1.51	1.51	U
33213-65-9	Endosulfan II	ND	1.51	1.51	U
72-54-8	4,4'-DDD	ND	1.51	1.51	U
1031-07-8	Endosulfan sulfate	ND	1.51	1.51	U
50-29-3	4,4'-DDT	ND	1.51	1.51	U
72-43-5	Methoxychlor	ND	7.57	7.57	U
53494-70-5	Endrin ketone	ND	1.51	1.51	U
7421-93-4	Endrin aldehyde	ND	1.51	1.51	U
5103-71-9	alpha-Chlordane	ND	0.750	0.750	U
5566-34-7	gamma-Chlordane	ND	0.750	0.750	U
8001-35-2	Toxaphene	ND	37.8	37.8	U
12674-11-2	Aroclor-1016	ND	18.9	37.8	U



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-6
Lab Sample ID: 1500778-06

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:20 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B File ID: A18090.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 17:10

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	18.9	37.8	U
11141-16-5	Aroclor-1232	ND	18.9	37.8	U
53469-21-9	Aroclor-1242	ND	18.9	37.8	U
12672-29-6	Aroclor-1248	ND	18.9	37.8	U
11097-69-1	Aroclor-1254	ND	18.9	37.8	U
11096-82-5	Aroclor-1260	ND	18.9	37.8	U
37324-23-5	Aroclor-1262	ND	18.9	37.8	U
11100-14-4	Aroclor-1268	ND	18.9	37.8	U

Surrogate	% Recovery	Recovery Limits
Tetrachloro-m-xylene	50.2%	30-150
Tetrachloro-m-xylene [2C]	56.2%	30-150
Decachlorobiphenyl	44.6%	30-150
Decachlorobiphenyl [2C]	162%	* 30-150

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-9
Lab Sample ID: 1500778-09

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:27 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 85.30 Prep Method: EPA 3550B File ID: A18091.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 17:41

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.774	0.774	U
319-85-7	beta-BHC	ND	0.774	0.774	U
319-86-8	delta-BHC	ND	0.774	0.774	U
58-89-9	gamma-BHC [Lindane]	ND	0.774	0.774	U
76-44-8	Heptachlor	ND	0.774	0.774	U
309-00-2	Aldrin	ND	0.774	0.774	U
1024-57-3	Heptachlor Epoxide	ND	0.774	0.774	U
959-98-8	Endosulfan I	ND	0.774	0.774	U
60-57-1	Dieldrin	ND	1.56	1.56	U
72-55-9	4,4'-DDE	ND	1.56	1.56	U
72-20-8	Endrin	ND	1.56	1.56	U
33213-65-9	Endosulfan II	ND	1.56	1.56	U
72-54-8	4,4'-DDD	ND	1.56	1.56	U
1031-07-8	Endosulfan sulfate	ND	1.56	1.56	U
50-29-3	4,4'-DDT	ND	1.56	1.56	U
72-43-5	Methoxychlor	ND	7.81	7.81	U
53494-70-5	Endrin ketone	ND	1.56	1.56	U
7421-93-4	Endrin aldehyde	ND	1.56	1.56	U
5103-71-9	alpha-Chlordane	ND	0.774	0.774	U
5566-34-7	gamma-Chlordane	ND	0.774	0.774	U
8001-35-2	Toxaphene	ND	39.0	39.0	U
12674-11-2	Aroclor-1016	ND	19.5	39.0	U



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-9
Lab Sample ID: 1500778-09

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:27 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 85.30 Prep Method: EPA 3550B File ID: A18091.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 17:41

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	19.5	39.0	U
11141-16-5	Aroclor-1232	ND	19.5	39.0	U
53469-21-9	Aroclor-1242	ND	19.5	39.0	U
12672-29-6	Aroclor-1248	ND	19.5	39.0	U
11097-69-1	Aroclor-1254	ND	19.5	39.0	U
11096-82-5	Aroclor-1260	ND	19.5	39.0	U
37324-23-5	Aroclor-1262	ND	19.5	39.0	U
11100-14-4	Aroclor-1268	ND	19.5	39.0	U

Surrogate	% Recovery	Recovery Limits
Tetrachloro-m-xylene	79.2%	30-150
Tetrachloro-m-xylene [2C]	97.8%	30-150
Decachlorobiphenyl	85.7%	30-150
Decachlorobiphenyl [2C]	88.7%	30-150

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-10 Lab Sample ID: 1500778-10

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:00 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 83.30 Prep Method: EPA 3550B File ID: A18092.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 18:12

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.792	0.792	U
319-85-7	beta-BHC	ND	0.792	0.792	U
319-86-8	delta-BHC	ND	0.792	0.792	U
58-89-9	gamma-BHC [Lindane]	ND	0.792	0.792	U
76-44-8	Heptachlor	ND	0.792	0.792	U
309-00-2	Aldrin	ND	0.792	0.792	U
1024-57-3	Heptachlor Epoxide	ND	0.792	0.792	U
959-98-8	Endosulfan I	ND	0.792	0.792	U
60-57-1	Dieldrin	ND	1.60	1.60	U
72-55-9	4,4'-DDE	ND	1.60	1.60	U
72-20-8	Endrin	ND	1.60	1.60	U
33213-65-9	Endosulfan II	ND	1.60	1.60	U
72-54-8	4,4'-DDD	ND	1.60	1.60	U
1031-07-8	Endosulfan sulfate	ND	1.60	1.60	U
50-29-3	4,4'-DDT	ND	1.60	1.60	U
72-43-5	Methoxychlor	ND	8.00	8.00	U
53494-70-5	Endrin ketone	ND	1.60	1.60	U
7421-93-4	Endrin aldehyde	ND	1.60	1.60	U
5103-71-9	alpha-Chlordane	ND	0.792	0.792	U
5566-34-7	gamma-Chlordane	ND	0.792	0.792	U
8001-35-2	Toxaphene	ND	40.0	40.0	U
12674-11-2	Aroclor-1016	ND	19.9	40.0	U



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-10 Lab Sample ID: 1500778-10

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:00 Prep Date: 05/20/15 10:31 Matrix: Soil

Percent Solids: 83.30 Prep Method: EPA 3550B File ID: A18092.D

Prep Batch: B5E2011 Sequence: S5E2102 Analyzed: 05/21/15 18:12

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	19.9	40.0	U
11141-16-5	Aroclor-1232	ND	19.9	40.0	U
53469-21-9	Aroclor-1242	ND	19.9	40.0	U
12672-29-6	Aroclor-1248	ND	19.9	40.0	U
11097-69-1	Aroclor-1254	ND	19.9	40.0	U
11096-82-5	Aroclor-1260	ND	19.9	40.0	U
37324-23-5	Aroclor-1262	ND	19.9	40.0	U
11100-14-4	Aroclor-1268	ND	19.9	40.0	U

Surrogate	% Recovery	Recovery Limits
Tetrachloro-m-xylene	91.6%	30-150
Tetrachloro-m-xylene [2C]	107%	30-150
Decachlorobiphenyl	87.0%	30-150
Decachlorobiphenyl [2C]	97.6%	30-150

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2 Lab Sample ID: 1500778-11

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Prep Date: 05/14/15 06:21 Matrix: Ground Water

Percent Solids: Prep Method: EPA 3510C File ID: A18001.D

Prep Batch: B5E1402 Sequence: S5E1501 Analyzed: 05/15/15 15:09

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
319-84-6	alpha-BHC	ND	0.00455	0.00455	U
319-85-7	beta-BHC	ND	0.00455	0.00455	U
319-86-8	delta-BHC	ND	0.00455	0.00455	U
58-89-9	gamma-BHC [Lindane]	ND	0.00455	0.00455	U
76-44-8	Heptachlor	ND	0.00455	0.00455	U
309-00-2	Aldrin	ND	0.00455	0.00455	U
1024-57-3	Heptachlor Epoxide	ND	0.00455	0.00455	U
959-98-8	Endosulfan I	ND	0.00455	0.00455	U
60-57-1	Dieldrin	ND	0.00909	0.00909	U
72-55-9	4,4'-DDE	ND	0.00909	0.00909	U
72-20-8	Endrin	ND	0.00909	0.00909	U
33213-65-9	Endosulfan II	ND	0.00909	0.00909	U
72-54-8	4,4'-DDD	ND	0.00909	0.00909	U
1031-07-8	Endosulfan sulfate	ND	0.00909	0.00909	U
50-29-3	4,4'-DDT	ND	0.00909	0.00909	U
72-43-5	Methoxychlor	ND	0.0455	0.0455	U
53494-70-5	Endrin ketone	ND	0.00909	0.0909	U
7421-93-4	Endrin aldehyde	ND	0.00909	0.0909	U
5103-71-9	alpha-Chlordane	ND	0.00455	0.00455	U
5566-34-7	gamma-Chlordane	ND	0.00455	0.00455	U
8001-35-2	Toxaphene	ND	0.227	0.227	U
12674-11-2	Aroclor-1016	ND	0.114	0.227	U



EPA 8081/8082

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2 Lab Sample ID: 1500778-11

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Prep Date: 05/14/15 06:21 Matrix: Ground Water

Percent Solids: Prep Method: EPA 3510C File ID: A18001.D

Prep Batch: B5E1402 Sequence: S5E1501 Analyzed: 05/15/15 15:09

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
11104-28-2	Aroclor-1221	ND	0.114	0.227	U
11141-16-5	Aroclor-1232	ND	0.114	0.227	U
53469-21-9	Aroclor-1242	ND	0.114	0.227	U
12672-29-6	Aroclor-1248	ND	0.114	0.227	U
11097-69-1	Aroclor-1254	ND	0.114	0.227	U
11096-82-5	Aroclor-1260	ND	0.114	0.227	U

<u>Surrogate</u>	% Recovery	Recovery Limits
Tetrachloro-m-xylene	57.9%	30-150
Tetrachloro-m-xylene [2C]	60.4%	30-150
Decachlorobiphenyl	62.5%	30-150
Decachlorobiphenyl [2C]	58.5%	30-150

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



SEMIVOLATILES



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 3550B GCMS File ID: E8282.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 19:41

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	38.7	194	U
108-95-2	Phenol	56.2	38.7	194	J
111-44-4	bis(2-chloroethyl)ether	ND	38.7	194	U
95-57-8	2-Chlorophenol	ND	38.7	194	U
541-73-1	1,3-Dichlorobenzene	ND	38.7	194	U
106-46-7	1,4-Dichlorobenzene	ND	38.7	194	U
100-51-6	Benzyl alcohol	ND	38.7	194	U
95-50-1	1,2-Dichlorobenzene	ND	38.7	194	U
95-48-7	2-Methylphenol	38.8	38.7	194	J
39638-32-9	bis(2-chloroisopropyl)ether	ND	38.7	194	U
106-44-5	3 & 4-Methylphenol	106	38.7	194	J
621-64-7	N-Nitroso-di-n-propylamine	ND	38.7	194	U
67-72-1	Hexachloroethane	ND	38.7	194	U
98-95-3	Nitrobenzene	ND	38.7	194	U
78-59-1	Isophorone	ND	38.7	194	U
88-75-5	2-Nitrophenol	ND	38.7	194	U
105-67-9	2,4-Dimethylphenol	72.9	38.7	194	J
65-85-0	Benzoic acid	ND	96.5	387	U
111-91-1	bis(2-chloroethoxy)methane	ND	38.7	194	U
120-83-2	2,4-Dichlorophenol	ND	38.7	194	U
120-82-1	1,2,4-Trichlorobenzene	ND	38.7	194	U
91-20-3	Naphthalene	1170	38.7	194	
106-47-8	4-Chloroaniline	ND	38.7	194	U
87-68-3	Hexachlorobutadiene	ND	38.7	194	U
59-50-7	4-Chloro-3-methylphenol	ND	38.7	194	U
91-57-6	2-Methylnaphthylene	676	38.7	194	



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 3550B GCMS File ID: E8282.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 19:41

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	38.7	194	U
88-06-2	2,4,6-Trichlorophenol	ND	38.7	194	U
95-95-4	2,4,5-Trichlorophenol	ND	38.7	194	U
91-58-7	2-Chloronaphthalene	ND	38.7	194	U
88-74-4	2-Nitroaniline	ND	38.7	194	U
131-11-3	Dimethylphthalate	ND	38.7	194	U
208-96-8	Acenaphthylene	838	38.7	194	
99-09-2	3-Nitroaniline	ND	38.7	194	U
83-32-9	Acenaphthene	3680	38.7	194	
51-28-5	2,4-Dinitrophenol	ND	38.7	387	U
100-02-7	4-Nitrophenol	ND	38.7	194	U
132-64-9	Dibenzofuran	1860	38.7	194	
606-20-2	2,6-Dinitrotoluene	ND	38.7	194	U
121-14-2	2,4-Dinitrotoluene	ND	38.7	194	U
84-66-2	Diethyl phthalate	ND	38.7	194	U
7005-72-3	4-Chlorophenyl-phenylether	ND	38.7	194	U
86-73-7	Fluorene	3250	38.7	194	
100-01-6	4-Nitroaniline	ND	38.7	194	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	38.7	194	U
86-30-6	N-Nitrosodiphenylamine	ND	38.7	194	U
101-55-3	4-Bromophenyl-phenylether	ND	38.7	194	U
118-74-1	Hexachlorobenzene	ND	38.7	194	U
87-86-5	Pentachlorophenol	ND	38.7	194	U
85-01-8	Phenanthrene	25200	38.7	194	E
120-12-7	Anthracene	7520	38.7	194	E
84-74-2	Di-n-butyl phthalate	ND	38.7	194	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 3550B GCMS File ID: E8282.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 19:41

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	19100	38.7	194	Е
129-00-0	Pyrene	52800	38.7	194	E
85-68-7	Butylbenzylphthalate	211	38.7	194	
91-94-1	3,3'-Dichlorobenzidine	ND	96.5	194	U
56-55-3	Benzo[a]anthracene	19000	38.7	194	E
117-81-7	bis(2-ethylhexyl)phthalate	551	38.7	194	
218-01-9	Chrysene	14700	38.7	194	E
117-84-0	Di-n-octyl phthalate	ND	38.7	194	U
205-99-2	Benzo[b]fluoranthene	19700	38.7	194	E
207-08-9	Benzo[k]fluoranthene	7250	38.7	194	E
50-32-8	Benzo[a]pyrene	13800	38.7	194	E
193-39-5	Indeno(1,2,3-cd)pyrene	5070	38.7	194	Е
53-70-3	Dibenzo(a,h)anthracene	1320	38.7	194	
191-24-2	Benzo[ghi]perylene	5980	38.7	194	E

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	63%	30-130
Phenol-d5	76%	30-130
Nitrobenzene-d5	62%	30-130
2-Fluorobiphenyl	68%	30-130
2,4,6-Tribromophenol	67%	30-130
Terphenyl-d14	170% *	30-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1

Lab Sample ID: 1500778-01RE1
Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 3550B GCMS File ID: E8296.D

Prep Batch: B5E1406 Sequence: S5E2610 Analyzed: 05/26/15 16:56

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	774	3880	U
108-95-2	Phenol	ND	774	3880	U
111-44-4	bis(2-chloroethyl)ether	ND	774	3880	U
95-57-8	2-Chlorophenol	ND	774	3880	U
541-73-1	1,3-Dichlorobenzene	ND	774	3880	U
106-46-7	1,4-Dichlorobenzene	ND	774	3880	U
100-51-6	Benzyl alcohol	ND	774	3880	U
95-50-1	1,2-Dichlorobenzene	ND	774	3880	U
95-48-7	2-Methylphenol	ND	774	3880	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	774	3880	U
106-44-5	3 & 4-Methylphenol	ND	774	3880	U
621-64-7	N-Nitroso-di-n-propylamine	ND	774	3880	U
67-72-1	Hexachloroethane	ND	774	3880	U
98-95-3	Nitrobenzene	ND	774	3880	U
78-59-1	Isophorone	ND	774	3880	U
88-75-5	2-Nitrophenol	ND	774	3880	U
105-67-9	2,4-Dimethylphenol	ND	774	3880	U
65-85-0	Benzoic acid	ND	1930	7740	U
111-91-1	bis(2-chloroethoxy)methane	ND	774	3880	U
120-83-2	2,4-Dichlorophenol	ND	774	3880	U
120-82-1	1,2,4-Trichlorobenzene	ND	774	3880	U
91-20-3	Naphthalene	1310	774	3880	J, D
106-47-8	4-Chloroaniline	ND	774	3880	U
87-68-3	Hexachlorobutadiene	ND	774	3880	U
59-50-7	4-Chloro-3-methylphenol	ND	774	3880	U
91-57-6	2-Methylnaphthylene	ND	774	3880	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1

Lab Sample ID: 1500778-01RE1
Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 3550B GCMS File ID: E8296.D

Prep Batch: B5E1406 Sequence: S5E2610 Analyzed: 05/26/15 16:56

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	774	3880	U
88-06-2	2,4,6-Trichlorophenol	ND	774	3880	U
95-95-4	2,4,5-Trichlorophenol	ND	774	3880	U
91-58-7	2-Chloronaphthalene	ND	774	3880	U
88-74-4	2-Nitroaniline	ND	774	3880	U
131-11-3	Dimethylphthalate	ND	774	3880	U
208-96-8	Acenaphthylene	977	774	3880	J, D
99-09-2	3-Nitroaniline	ND	774	3880	U
83-32-9	Acenaphthene	4380	774	3880	D
51-28-5	2,4-Dinitrophenol	ND	774	7740	U
100-02-7	4-Nitrophenol	ND	774	3880	U
132-64-9	Dibenzofuran	2170	774	3880	J, D
606-20-2	2,6-Dinitrotoluene	ND	774	3880	U
121-14-2	2,4-Dinitrotoluene	ND	774	3880	U
84-66-2	Diethyl phthalate	ND	774	3880	U
7005-72-3	4-Chlorophenyl-phenylether	ND	774	3880	U
86-73-7	Fluorene	3830	774	3880	J, D
100-01-6	4-Nitroaniline	ND	774	3880	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	774	3880	U
86-30-6	N-Nitrosodiphenylamine	ND	774	3880	U
101-55-3	4-Bromophenyl-phenylether	ND	774	3880	U
118-74-1	Hexachlorobenzene	ND	774	3880	U
87-86-5	Pentachlorophenol	ND	774	3880	U
85-01-8	Phenanthrene	39300	774	3880	D
120-12-7	Anthracene	9830	774	3880	D
84-74-2	Di-n-butyl phthalate	ND	774	3880	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1

Lab Sample ID: 1500778-01RE1
Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 3550B GCMS File ID: E8296.D

Prep Batch: B5E1406 Sequence: S5E2610 Analyzed: 05/26/15 16:56

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	43200	774	3880	D
129-00-0	Pyrene	36600	774	3880	D
85-68-7	Butylbenzylphthalate	ND	774	3880	U
91-94-1	3,3'-Dichlorobenzidine	ND	1930	3880	U
56-55-3	Benzo[a]anthracene	18800	774	3880	D
117-81-7	bis(2-ethylhexyl)phthalate	ND	774	3880	U
218-01-9	Chrysene	18600	774	3880	D
117-84-0	Di-n-octyl phthalate	ND	774	3880	U
205-99-2	Benzo[b]fluoranthene	24900	774	3880	D
207-08-9	Benzo[k]fluoranthene	7940	774	3880	D
50-32-8	Benzo[a]pyrene	17700	774	3880	D
193-39-5	Indeno(1,2,3-cd)pyrene	4960	774	3880	D
53-70-3	Dibenzo(a,h)anthracene	1620	774	3880	D, J
191-24-2	Benzo[ghi]perylene	4920	774	3880	D

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	69%	30-130
Phenol-d5	83%	30-130
Nitrobenzene-d5	67%	30-130
2-Fluorobiphenyl	76%	30-130
2,4,6-Tribromophenol	67%	30-130
Terphenyl-d14	71%	30-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2 Lab Sample ID: 1500778-02

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:15 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.20 Prep Method: EPA 3550B GCMS File ID: E8278.D

 Prep Batch:
 B5E1406
 Sequence:
 S5E2206
 Analyzed:
 05/22/15 16:46

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	37.8	189	U
108-95-2	Phenol	ND	37.8	189	U
111-44-4	bis(2-chloroethyl)ether	ND	37.8	189	U
95-57-8	2-Chlorophenol	ND	37.8	189	U
541-73-1	1,3-Dichlorobenzene	ND	37.8	189	U
106-46-7	1,4-Dichlorobenzene	ND	37.8	189	U
100-51-6	Benzyl alcohol	ND	37.8	189	U
95-50-1	1,2-Dichlorobenzene	ND	37.8	189	U
95-48-7	2-Methylphenol	ND	37.8	189	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	37.8	189	U
106-44-5	3 & 4-Methylphenol	ND	37.8	189	U
621-64-7	N-Nitroso-di-n-propylamine	ND	37.8	189	U
67-72-1	Hexachloroethane	ND	37.8	189	U
98-95-3	Nitrobenzene	ND	37.8	189	U
78-59-1	Isophorone	ND	37.8	189	U
88-75-5	2-Nitrophenol	ND	37.8	189	U
105-67-9	2,4-Dimethylphenol	ND	37.8	189	U
65-85-0	Benzoic acid	ND	94.1	378	U
111-91-1	bis(2-chloroethoxy)methane	ND	37.8	189	U
120-83-2	2,4-Dichlorophenol	ND	37.8	189	U
120-82-1	1,2,4-Trichlorobenzene	ND	37.8	189	U
91-20-3	Naphthalene	296	37.8	189	
106-47-8	4-Chloroaniline	ND	37.8	189	U
87-68-3	Hexachlorobutadiene	ND	37.8	189	U
59-50-7	4-Chloro-3-methylphenol	ND	37.8	189	U
91-57-6	2-Methylnaphthylene	1750	37.8	189	



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2 Lab Sample ID: 1500778-02

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:15 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.20 Prep Method: EPA 3550B GCMS File ID: E8278.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 16:46

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	37.8	189	U
88-06-2	2,4,6-Trichlorophenol	ND	37.8	189	U
95-95-4	2,4,5-Trichlorophenol	ND	37.8	189	U
91-58-7	2-Chloronaphthalene	ND	37.8	189	U
88-74-4	2-Nitroaniline	ND	37.8	189	U
131-11-3	Dimethylphthalate	ND	37.8	189	U
208-96-8	Acenaphthylene	112	37.8	189	J
99-09-2	3-Nitroaniline	ND	37.8	189	U
83-32-9	Acenaphthene	157	37.8	189	J
51-28-5	2,4-Dinitrophenol	ND	37.8	378	U
100-02-7	4-Nitrophenol	ND	37.8	189	U
132-64-9	Dibenzofuran	73.3	37.8	189	J
606-20-2	2,6-Dinitrotoluene	ND	37.8	189	U
121-14-2	2,4-Dinitrotoluene	ND	37.8	189	U
84-66-2	Diethyl phthalate	ND	37.8	189	U
7005-72-3	4-Chlorophenyl-phenylether	ND	37.8	189	U
86-73-7	Fluorene	159	37.8	189	J
100-01-6	4-Nitroaniline	ND	37.8	189	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	37.8	189	U
86-30-6	N-Nitrosodiphenylamine	ND	37.8	189	U
101-55-3	4-Bromophenyl-phenylether	ND	37.8	189	U
118-74-1	Hexachlorobenzene	ND	37.8	189	U
87-86-5	Pentachlorophenol	ND	37.8	189	U
85-01-8	Phenanthrene	1460	37.8	189	
120-12-7	Anthracene	378	37.8	189	
84-74-2	Di-n-butyl phthalate	56.7	37.8	189	J



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2 Lab Sample ID: 1500778-02

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:15 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.20 Prep Method: EPA 3550B GCMS File ID: E8278.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 16:46

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	2000	37.8	189	
129-00-0	Pyrene	2260	37.8	189	
85-68-7	Butylbenzylphthalate	ND	37.8	189	U
91-94-1	3,3'-Dichlorobenzidine	ND	94.1	189	U
56-55-3	Benzo[a]anthracene	1210	37.8	189	
117-81-7	bis(2-ethylhexyl)phthalate	ND	37.8	189	U
218-01-9	Chrysene	1250	37.8	189	
117-84-0	Di-n-octyl phthalate	ND	37.8	189	U
205-99-2	Benzo[b]fluoranthene	1960	37.8	189	
207-08-9	Benzo[k]fluoranthene	779	37.8	189	
50-32-8	Benzo[a]pyrene	1340	37.8	189	
193-39-5	Indeno(1,2,3-cd)pyrene	382	37.8	189	
53-70-3	Dibenzo(a,h)anthracene	125	37.8	189	J
191-24-2	Benzo[ghi]perylene	387	37.8	189	

<u>Surrogate</u>	% Recovery	Recovery Limits
2-Fluorophenol	60%	30-130
Phenol-d5	70%	30-130
Nitrobenzene-d5	66%	30-130
2-Fluorobiphenyl	60%	30-130
2,4,6-Tribromophenol	66%	30-130
Terphenyl-d14	74%	30-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-3 Lab Sample ID: 1500778-03

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:50 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 72.80 Prep Method: EPA 3550B GCMS File ID: E8277.D

 Prep Batch:
 B5E1406
 Sequence:
 S5E2206
 Analyzed:
 05/22/15 16:02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	45.7	229	U
108-95-2	Phenol	ND	45.7	229	U
111-44-4	bis(2-chloroethyl)ether	ND	45.7	229	U
95-57-8	2-Chlorophenol	ND	45.7	229	U
541-73-1	1,3-Dichlorobenzene	ND	45.7	229	U
106-46-7	1,4-Dichlorobenzene	ND	45.7	229	U
100-51-6	Benzyl alcohol	ND	45.7	229	U
95-50-1	1,2-Dichlorobenzene	ND	45.7	229	U
95-48-7	2-Methylphenol	ND	45.7	229	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	45.7	229	U
106-44-5	3 & 4-Methylphenol	ND	45.7	229	U
621-64-7	N-Nitroso-di-n-propylamine	ND	45.7	229	U
67-72-1	Hexachloroethane	ND	45.7	229	U
98-95-3	Nitrobenzene	ND	45.7	229	U
78-59-1	Isophorone	ND	45.7	229	U
88-75-5	2-Nitrophenol	ND	45.7	229	U
105-67-9	2,4-Dimethylphenol	ND	45.7	229	U
65-85-0	Benzoic acid	ND	114	457	U
111-91-1	bis(2-chloroethoxy)methane	ND	45.7	229	U
120-83-2	2,4-Dichlorophenol	ND	45.7	229	U
120-82-1	1,2,4-Trichlorobenzene	ND	45.7	229	U
91-20-3	Naphthalene	169	45.7	229	J
106-47-8	4-Chloroaniline	ND	45.7	229	U
87-68-3	Hexachlorobutadiene	ND	45.7	229	U
59-50-7	4-Chloro-3-methylphenol	ND	45.7	229	U
91-57-6	2-Methylnaphthylene	115	45.7	229	J



EPA 8270

Analyst:

JMM

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-3 Lab Sample ID: 1500778-03

Project: 255 East 138th Street

Work Order: 1500778

1

Dilution:

Date Sampled: 05/13/15 10:50 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 72.80 Prep Method: EPA 3550B GCMS File ID: E8277.D

 Prep Batch:
 B5E1406
 Sequence:
 S5E2206
 Analyzed:
 05/22/15 16:02

CAS NO. **COMPOUND** CONC. (ug/kg dry) MDL RL Q 77-47-4 ND 45.7 229 U Hexachlorocyclopentadiene 45.7 229 88-06-2 2,4,6-Trichlorophenol ND U 229 95-95-4 2,4,5-Trichlorophenol ND 45.7 U 91-58-7 2-Chloronaphthalene ND 45.7 229 U 88-74-4 ND 45.7 229 U 2-Nitroaniline 131-11-3 Dimethylphthalate ND 45.7 229 U 208-96-8 Acenaphthylene ND 45.7 229 U 45.7 99-09-2 3-Nitroaniline ND 229 U 83-32-9 45.7 Acenaphthene ND 229 U 51-28-5 2,4-Dinitrophenol ND 45.7 457 U 100-02-7 45.7 229 4-Nitrophenol ND U 132-64-9 Dibenzofuran ND 45.7 229 U 606-20-2 2,6-Dinitrotoluene ND 45.7 229 U 121-14-2 2,4-Dinitrotoluene ND 45.7 229 U 84-66-2 45.7 Diethyl phthalate ND 229 U 229 7005-72-3 45.7 U 4-Chlorophenyl-phenylether ND 86-73-7 Fluorene ND 45.7 229 U 100-01-6 45.7 229 U 4-Nitroaniline ND 534-52-1 4,6-Dinitro-2-methylphenol ND 45.7 229 U 86-30-6 N-Nitrosodiphenylamine ND 45.7 229 U 101-55-3 45.7 229 4-Bromophenyl-phenylether ND U 45.7 229 118-74-1 Hexachlorobenzene ND U 87-86-5 Pentachlorophenol ND 45.7 229 U 85-01-8 Phenanthrene 120 45.7 229 J 45.7 229 120-12-7 Anthracene ND U 84-74-2 45.7 229 U Di-n-butyl phthalate ND



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-3 Lab Sample ID: 1500778-03

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:50 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 72.80 Prep Method: EPA 3550B GCMS File ID: E8277.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 16:02

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	200	45.7	229	J
129-00-0	Pyrene	191	45.7	229	J
85-68-7	Butylbenzylphthalate	ND	45.7	229	U
91-94-1	3,3'-Dichlorobenzidine	ND	114	229	U
56-55-3	Benzo[a]anthracene	130	45.7	229	J
117-81-7	bis(2-ethylhexyl)phthalate	ND	45.7	229	U
218-01-9	Chrysene	146	45.7	229	J
117-84-0	Di-n-octyl phthalate	ND	45.7	229	U
205-99-2	Benzo[b]fluoranthene	199	45.7	229	J
207-08-9	Benzo[k]fluoranthene	78.8	45.7	229	J
50-32-8	Benzo[a]pyrene	139	45.7	229	J
193-39-5	Indeno(1,2,3-cd)pyrene	52.7	45.7	229	J
53-70-3	Dibenzo(a,h)anthracene	ND	45.7	229	U
191-24-2	Benzo[ghi]perylene	55.4	45.7	229	J

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	56%	30-130
Phenol-d5	67%	30-130
Nitrobenzene-d5	55%	30-130
2-Fluorobiphenyl	61%	30-130
2,4,6-Tribromophenol	72%	30-130
Terphenyl-d14	66%	30-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4 Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 85.10 Prep Method: EPA 3550B GCMS File ID: E8279.D

 Prep Batch:
 B5E1406
 Sequence:
 S5E2206
 Analyzed:
 05/22/15 17:30

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	39.1	196	U
108-95-2	Phenol	ND	39.1	196	U
111-44-4	bis(2-chloroethyl)ether	ND	39.1	196	U
95-57-8	2-Chlorophenol	ND	39.1	196	U
541-73-1	1,3-Dichlorobenzene	ND	39.1	196	U
106-46-7	1,4-Dichlorobenzene	ND	39.1	196	U
100-51-6	Benzyl alcohol	ND	39.1	196	U
95-50-1	1,2-Dichlorobenzene	ND	39.1	196	U
95-48-7	2-Methylphenol	ND	39.1	196	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	39.1	196	U
106-44-5	3 & 4-Methylphenol	ND	39.1	196	U
621-64-7	N-Nitroso-di-n-propylamine	ND	39.1	196	U
67-72-1	Hexachloroethane	ND	39.1	196	U
98-95-3	Nitrobenzene	ND	39.1	196	U
78-59-1	Isophorone	ND	39.1	196	U
88-75-5	2-Nitrophenol	ND	39.1	196	U
105-67-9	2,4-Dimethylphenol	ND	39.1	196	U
65-85-0	Benzoic acid	ND	97.5	391	U
111-91-1	bis(2-chloroethoxy)methane	ND	39.1	196	U
120-83-2	2,4-Dichlorophenol	ND	39.1	196	U
120-82-1	1,2,4-Trichlorobenzene	ND	39.1	196	U
91-20-3	Naphthalene	67.8	39.1	196	J
106-47-8	4-Chloroaniline	ND	39.1	196	U
87-68-3	Hexachlorobutadiene	ND	39.1	196	U
59-50-7	4-Chloro-3-methylphenol	ND	39.1	196	U
91-57-6	2-Methylnaphthylene	ND	39.1	196	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4 Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 85.10 Prep Method: EPA 3550B GCMS File ID: E8279.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 17:30

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	39.1	196	U
88-06-2	2,4,6-Trichlorophenol	ND	39.1	196	U
95-95-4	2,4,5-Trichlorophenol	ND	39.1	196	U
91-58-7	2-Chloronaphthalene	ND	39.1	196	U
88-74-4	2-Nitroaniline	ND	39.1	196	U
131-11-3	Dimethylphthalate	ND	39.1	196	U
208-96-8	Acenaphthylene	127	39.1	196	J
99-09-2	3-Nitroaniline	ND	39.1	196	U
83-32-9	Acenaphthene	104	39.1	196	J
51-28-5	2,4-Dinitrophenol	ND	39.1	391	U
100-02-7	4-Nitrophenol	ND	39.1	196	U
132-64-9	Dibenzofuran	75.2	39.1	196	J
606-20-2	2,6-Dinitrotoluene	ND	39.1	196	U
121-14-2	2,4-Dinitrotoluene	ND	39.1	196	U
84-66-2	Diethyl phthalate	ND	39.1	196	U
7005-72-3	4-Chlorophenyl-phenylether	ND	39.1	196	U
86-73-7	Fluorene	94.0	39.1	196	J
100-01-6	4-Nitroaniline	ND	39.1	196	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	39.1	196	U
86-30-6	N-Nitrosodiphenylamine	ND	39.1	196	U
101-55-3	4-Bromophenyl-phenylether	ND	39.1	196	U
118-74-1	Hexachlorobenzene	ND	39.1	196	U
87-86-5	Pentachlorophenol	ND	39.1	196	U
85-01-8	Phenanthrene	1430	39.1	196	
120-12-7	Anthracene	284	39.1	196	
84-74-2	Di-n-butyl phthalate	ND	39.1	196	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4 Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 85.10 Prep Method: EPA 3550B GCMS File ID: E8279.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 17:30

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	2060	39.1	196	
129-00-0	Pyrene	1780	39.1	196	
85-68-7	Butylbenzylphthalate	ND	39.1	196	U
91-94-1	3,3'-Dichlorobenzidine	ND	97.5	196	U
56-55-3	Benzo[a]anthracene	1030	39.1	196	
117-81-7	bis(2-ethylhexyl)phthalate	ND	39.1	196	U
218-01-9	Chrysene	1120	39.1	196	
117-84-0	Di-n-octyl phthalate	ND	39.1	196	U
205-99-2	Benzo[b]fluoranthene	1600	39.1	196	
207-08-9	Benzo[k]fluoranthene	634	39.1	196	
50-32-8	Benzo[a]pyrene	1050	39.1	196	
193-39-5	Indeno(1,2,3-cd)pyrene	324	39.1	196	
53-70-3	Dibenzo(a,h)anthracene	111	39.1	196	J
191-24-2	Benzo[ghi]perylene	323	39.1	196	

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	61%	30-130
Phenol-d5	75%	30-130
Nitrobenzene-d5	62%	30-130
2-Fluorobiphenyl	66%	30-130
2,4,6-Tribromophenol	77%	30-130
Terphenyl-d14	69%	30-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5 Lab Sample ID: 1500778-05

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B GCMS File ID: E8280.D

 Prep Batch:
 B5E1406
 Sequence:
 S5E2206
 Analyzed:
 05/22/15 18:14

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	37.8	190	U
108-95-2	Phenol	ND	37.8	190	U
111-44-4	bis(2-chloroethyl)ether	ND	37.8	190	U
95-57-8	2-Chlorophenol	ND	37.8	190	U
541-73-1	1,3-Dichlorobenzene	ND	37.8	190	U
106-46-7	1,4-Dichlorobenzene	ND	37.8	190	U
100-51-6	Benzyl alcohol	ND	37.8	190	U
95-50-1	1,2-Dichlorobenzene	ND	37.8	190	U
95-48-7	2-Methylphenol	ND	37.8	190	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	37.8	190	U
106-44-5	3 & 4-Methylphenol	ND	37.8	190	U
621-64-7	N-Nitroso-di-n-propylamine	ND	37.8	190	U
67-72-1	Hexachloroethane	ND	37.8	190	U
98-95-3	Nitrobenzene	ND	37.8	190	U
78-59-1	Isophorone	ND	37.8	190	U
88-75-5	2-Nitrophenol	ND	37.8	190	U
105-67-9	2,4-Dimethylphenol	ND	37.8	190	U
65-85-0	Benzoic acid	ND	94.3	378	U
111-91-1	bis(2-chloroethoxy)methane	ND	37.8	190	U
120-83-2	2,4-Dichlorophenol	ND	37.8	190	U
120-82-1	1,2,4-Trichlorobenzene	ND	37.8	190	U
91-20-3	Naphthalene	81.8	37.8	190	J
106-47-8	4-Chloroaniline	ND	37.8	190	U
87-68-3	Hexachlorobutadiene	ND	37.8	190	U
59-50-7	4-Chloro-3-methylphenol	ND	37.8	190	U
91-57-6	2-Methylnaphthylene	46.2	37.8	190	J



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5 Lab Sample ID: 1500778-05

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B GCMS File ID: E8280.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 18:14

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	37.8	190	U
88-06-2	2,4,6-Trichlorophenol	ND	37.8	190	U
95-95-4	2,4,5-Trichlorophenol	ND	37.8	190	U
91-58-7	2-Chloronaphthalene	ND	37.8	190	U
88-74-4	2-Nitroaniline	ND	37.8	190	U
131-11-3	Dimethylphthalate	ND	37.8	190	U
208-96-8	Acenaphthylene	211	37.8	190	
99-09-2	3-Nitroaniline	ND	37.8	190	U
83-32-9	Acenaphthene	252	37.8	190	
51-28-5	2,4-Dinitrophenol	ND	37.8	378	U
100-02-7	4-Nitrophenol	ND	37.8	190	U
132-64-9	Dibenzofuran	128	37.8	190	J
606-20-2	2,6-Dinitrotoluene	ND	37.8	190	U
121-14-2	2,4-Dinitrotoluene	ND	37.8	190	U
84-66-2	Diethyl phthalate	ND	37.8	190	U
7005-72-3	4-Chlorophenyl-phenylether	ND	37.8	190	U
86-73-7	Fluorene	255	37.8	190	
100-01-6	4-Nitroaniline	ND	37.8	190	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	37.8	190	U
86-30-6	N-Nitrosodiphenylamine	ND	37.8	190	U
101-55-3	4-Bromophenyl-phenylether	ND	37.8	190	U
118-74-1	Hexachlorobenzene	ND	37.8	190	U
87-86-5	Pentachlorophenol	ND	37.8	190	U
85-01-8	Phenanthrene	3630	37.8	190	
120-12-7	Anthracene	1010	37.8	190	
84-74-2	Di-n-butyl phthalate	ND	37.8	190	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5
Lab Sample ID: 1500778-05

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B GCMS File ID: E8280.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 18:14

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	5290	37.8	190	Е
129-00-0	Pyrene	7070	37.8	190	E
85-68-7	Butylbenzylphthalate	ND	37.8	190	U
91-94-1	3,3'-Dichlorobenzidine	ND	94.3	190	U
56-55-3	Benzo[a]anthracene	3250	37.8	190	
117-81-7	bis(2-ethylhexyl)phthalate	49.6	37.8	190	J
218-01-9	Chrysene	3350	37.8	190	
117-84-0	Di-n-octyl phthalate	ND	37.8	190	U
205-99-2	Benzo[b]fluoranthene	5330	37.8	190	E
207-08-9	Benzo[k]fluoranthene	1640	37.8	190	
50-32-8	Benzo[a]pyrene	3240	37.8	190	
193-39-5	Indeno(1,2,3-cd)pyrene	817	37.8	190	
53-70-3	Dibenzo(a,h)anthracene	289	37.8	190	
191-24-2	Benzo[ghi]perylene	946	37.8	190	

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	71%	30-130
Phenol-d5	83%	30-130
Nitrobenzene-d5	71%	30-130
2-Fluorobiphenyl	72%	30-130
2,4,6-Tribromophenol	75%	30-130
Terphenyl-d14	96%	30-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5

Lab Sample ID: 1500778-05RE1
Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B GCMS File ID: E8295.D

Prep Batch: B5E1406 Sequence: S5E2610 Analyzed: 05/26/15 16:13

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	189	949	U
108-95-2	Phenol	ND	189	949	U
111-44-4	bis(2-chloroethyl)ether	ND	189	949	U
95-57-8	2-Chlorophenol	ND	189	949	U
541-73-1	1,3-Dichlorobenzene	ND	189	949	U
106-46-7	1,4-Dichlorobenzene	ND	189	949	U
100-51-6	Benzyl alcohol	ND	189	949	U
95-50-1	1,2-Dichlorobenzene	ND	189	949	U
95-48-7	2-Methylphenol	ND	189	949	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	189	949	U
106-44-5	3 & 4-Methylphenol	ND	189	949	U
621-64-7	N-Nitroso-di-n-propylamine	ND	189	949	U
67-72-1	Hexachloroethane	ND	189	949	U
98-95-3	Nitrobenzene	ND	189	949	U
78-59-1	Isophorone	ND	189	949	U
88-75-5	2-Nitrophenol	ND	189	949	U
105-67-9	2,4-Dimethylphenol	ND	189	949	U
65-85-0	Benzoic acid	ND	472	1890	U
111-91-1	bis(2-chloroethoxy)methane	ND	189	949	U
120-83-2	2,4-Dichlorophenol	ND	189	949	U
120-82-1	1,2,4-Trichlorobenzene	ND	189	949	U
91-20-3	Naphthalene	ND	189	949	U
106-47-8	4-Chloroaniline	ND	189	949	U
87-68-3	Hexachlorobutadiene	ND	189	949	U
59-50-7	4-Chloro-3-methylphenol	ND	189	949	U
91-57-6	2-Methylnaphthylene	ND	189	949	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5

Lab Sample ID: 1500778-05RE1
Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B GCMS File ID: E8295.D

Prep Batch: B5E1406 Sequence: S5E2610 Analyzed: 05/26/15 16:13

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	189	949	U
88-06-2	2,4,6-Trichlorophenol	ND	189	949	U
95-95-4	2,4,5-Trichlorophenol	ND	189	949	U
91-58-7	2-Chloronaphthalene	ND	189	949	U
88-74-4	2-Nitroaniline	ND	189	949	U
131-11-3	Dimethylphthalate	ND	189	949	U
208-96-8	Acenaphthylene	220	189	949	J, D
99-09-2	3-Nitroaniline	ND	189	949	U
83-32-9	Acenaphthene	263	189	949	J, D
51-28-5	2,4-Dinitrophenol	ND	189	1890	U
100-02-7	4-Nitrophenol	ND	189	949	U
132-64-9	Dibenzofuran	ND	189	949	U
606-20-2	2,6-Dinitrotoluene	ND	189	949	U
121-14-2	2,4-Dinitrotoluene	ND	189	949	U
84-66-2	Diethyl phthalate	ND	189	949	U
7005-72-3	4-Chlorophenyl-phenylether	ND	189	949	U
86-73-7	Fluorene	267	189	949	J, D
100-01-6	4-Nitroaniline	ND	189	949	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	189	949	U
86-30-6	N-Nitrosodiphenylamine	ND	189	949	U
101-55-3	4-Bromophenyl-phenylether	ND	189	949	U
118-74-1	Hexachlorobenzene	ND	189	949	U
87-86-5	Pentachlorophenol	ND	189	949	U
85-01-8	Phenanthrene	4370	189	949	D
120-12-7	Anthracene	1150	189	949	D
84-74-2	Di-n-butyl phthalate	ND	189	949	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5

Lab Sample ID: 1500778-05RE1
Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B GCMS File ID: E8295.D

Prep Batch: B5E1406 Sequence: S5E2610 Analyzed: 05/26/15 16:13

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	6770	189	949	D
129-00-0	Pyrene	6040	189	949	D
85-68-7	Butylbenzylphthalate	ND	189	949	U
91-94-1	3,3'-Dichlorobenzidine	ND	472	949	U
56-55-3	Benzo[a]anthracene	3500	189	949	D
117-81-7	bis(2-ethylhexyl)phthalate	ND	189	949	U
218-01-9	Chrysene	3590	189	949	D
117-84-0	Di-n-octyl phthalate	ND	189	949	U
205-99-2	Benzo[b]fluoranthene	5190	189	949	D
207-08-9	Benzo[k]fluoranthene	1550	189	949	D
50-32-8	Benzo[a]pyrene	3490	189	949	D
193-39-5	Indeno(1,2,3-cd)pyrene	1000	189	949	D
53-70-3	Dibenzo(a,h)anthracene	331	189	949	D, J
191-24-2	Benzo[ghi]perylene	991	189	949	D

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	80%	30-130
Phenol-d5	93%	30-130
Nitrobenzene-d5	81%	30-130
2-Fluorobiphenyl	82%	30-130
2,4,6-Tribromophenol	69%	30-130
Terphenyl-d14	75%	30-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-6
Lab Sample ID: 1500778-06

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:20 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B GCMS File ID: E8281.D

 Prep Batch:
 B5E1406
 Sequence:
 S5E2206
 Analyzed:
 05/22/15 18:57

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	37.8	190	U
108-95-2	Phenol	ND	37.8	190	U
111-44-4	bis(2-chloroethyl)ether	ND	37.8	190	U
95-57-8	2-Chlorophenol	ND	37.8	190	U
541-73-1	1,3-Dichlorobenzene	ND	37.8	190	U
106-46-7	1,4-Dichlorobenzene	ND	37.8	190	U
100-51-6	Benzyl alcohol	ND	37.8	190	U
95-50-1	1,2-Dichlorobenzene	ND	37.8	190	U
95-48-7	2-Methylphenol	ND	37.8	190	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	37.8	190	U
106-44-5	3 & 4-Methylphenol	ND	37.8	190	U
621-64-7	N-Nitroso-di-n-propylamine	ND	37.8	190	U
67-72-1	Hexachloroethane	ND	37.8	190	U
98-95-3	Nitrobenzene	ND	37.8	190	U
78-59-1	Isophorone	ND	37.8	190	U
88-75-5	2-Nitrophenol	ND	37.8	190	U
105-67-9	2,4-Dimethylphenol	ND	37.8	190	U
65-85-0	Benzoic acid	ND	94.3	378	U
111-91-1	bis(2-chloroethoxy)methane	ND	37.8	190	U
120-83-2	2,4-Dichlorophenol	ND	37.8	190	U
120-82-1	1,2,4-Trichlorobenzene	ND	37.8	190	U
91-20-3	Naphthalene	51.1	37.8	190	J
106-47-8	4-Chloroaniline	ND	37.8	190	U
87-68-3	Hexachlorobutadiene	ND	37.8	190	U
59-50-7	4-Chloro-3-methylphenol	ND	37.8	190	U
91-57-6	2-Methylnaphthylene	ND	37.8	190	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-6
Lab Sample ID: 1500778-06

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:20 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B GCMS File ID: E8281.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 18:57

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	37.8	190	U
88-06-2	2,4,6-Trichlorophenol	ND	37.8	190	U
95-95-4	2,4,5-Trichlorophenol	ND	37.8	190	U
91-58-7	2-Chloronaphthalene	ND	37.8	190	U
88-74-4	2-Nitroaniline	ND	37.8	190	U
131-11-3	Dimethylphthalate	ND	37.8	190	U
208-96-8	Acenaphthylene	264	37.8	190	
99-09-2	3-Nitroaniline	ND	37.8	190	U
83-32-9	Acenaphthene	141	37.8	190	J
51-28-5	2,4-Dinitrophenol	ND	37.8	378	U
100-02-7	4-Nitrophenol	ND	37.8	190	U
132-64-9	Dibenzofuran	95.1	37.8	190	J
606-20-2	2,6-Dinitrotoluene	ND	37.8	190	U
121-14-2	2,4-Dinitrotoluene	ND	37.8	190	U
84-66-2	Diethyl phthalate	ND	37.8	190	U
7005-72-3	4-Chlorophenyl-phenylether	ND	37.8	190	U
86-73-7	Fluorene	162	37.8	190	J
100-01-6	4-Nitroaniline	ND	37.8	190	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	37.8	190	U
86-30-6	N-Nitrosodiphenylamine	ND	37.8	190	U
101-55-3	4-Bromophenyl-phenylether	ND	37.8	190	U
118-74-1	Hexachlorobenzene	ND	37.8	190	U
87-86-5	Pentachlorophenol	ND	37.8	190	U
85-01-8	Phenanthrene	2580	37.8	190	
120-12-7	Anthracene	456	37.8	190	
84-74-2	Di-n-butyl phthalate	ND	37.8	190	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-6
Lab Sample ID: 1500778-06

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:20 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 3550B GCMS File ID: E8281.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 18:57

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	3270	37.8	190	
129-00-0	Pyrene	4130	37.8	190	
85-68-7	Butylbenzylphthalate	83.7	37.8	190	J
91-94-1	3,3'-Dichlorobenzidine	ND	94.3	190	U
56-55-3	Benzo[a]anthracene	1630	37.8	190	
117-81-7	bis(2-ethylhexyl)phthalate	120	37.8	190	J
218-01-9	Chrysene	1740	37.8	190	
117-84-0	Di-n-octyl phthalate	ND	37.8	190	U
205-99-2	Benzo[b]fluoranthene	2950	37.8	190	
207-08-9	Benzo[k]fluoranthene	859	37.8	190	
50-32-8	Benzo[a]pyrene	1580	37.8	190	
193-39-5	Indeno(1,2,3-cd)pyrene	531	37.8	190	
53-70-3	Dibenzo(a,h)anthracene	148	37.8	190	J
191-24-2	Benzo[ghi]perylene	547	37.8	190	

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	58%	30-130
Phenol-d5	72%	30-130
Nitrobenzene-d5	58%	30-130
2-Fluorobiphenyl	62%	30-130
2,4,6-Tribromophenol	66%	30-130
Terphenyl-d14	92%	30-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-9
Lab Sample ID: 1500778-09

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:27 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 85.30 Prep Method: EPA 3550B GCMS File ID: E8253.D

Prep Batch: B5E1406 Sequence: S5E2115 Analyzed: 05/21/15 08:58

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	39.0	196	U
108-95-2	Phenol	ND	39.0	196	U
111-44-4	bis(2-chloroethyl)ether	ND	39.0	196	U
95-57-8	2-Chlorophenol	ND	39.0	196	U
541-73-1	1,3-Dichlorobenzene	ND	39.0	196	U
106-46-7	1,4-Dichlorobenzene	ND	39.0	196	U
100-51-6	Benzyl alcohol	ND	39.0	196	U
95-50-1	1,2-Dichlorobenzene	ND	39.0	196	U
95-48-7	2-Methylphenol	ND	39.0	196	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	39.0	196	U
106-44-5	3 & 4-Methylphenol	ND	39.0	196	U
621-64-7	N-Nitroso-di-n-propylamine	ND	39.0	196	U
67-72-1	Hexachloroethane	ND	39.0	196	U
98-95-3	Nitrobenzene	ND	39.0	196	U
78-59-1	Isophorone	ND	39.0	196	U
88-75-5	2-Nitrophenol	ND	39.0	196	U
105-67-9	2,4-Dimethylphenol	ND	39.0	196	U
65-85-0	Benzoic acid	ND	97.3	390	U
111-91-1	bis(2-chloroethoxy)methane	ND	39.0	196	U
120-83-2	2,4-Dichlorophenol	ND	39.0	196	U
120-82-1	1,2,4-Trichlorobenzene	ND	39.0	196	U
91-20-3	Naphthalene	ND	39.0	196	U
106-47-8	4-Chloroaniline	ND	39.0	196	U
87-68-3	Hexachlorobutadiene	ND	39.0	196	U
59-50-7	4-Chloro-3-methylphenol	ND	39.0	196	U
91-57-6	2-Methylnaphthylene	ND	39.0	196	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-9
Lab Sample ID: 1500778-09

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:27 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 85.30 Prep Method: EPA 3550B GCMS File ID: E8253.D

Prep Batch: B5E1406 Sequence: S5E2115 Analyzed: 05/21/15 08:58

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	39.0	196	U
88-06-2	2,4,6-Trichlorophenol	ND	39.0	196	U
95-95-4	2,4,5-Trichlorophenol	ND	39.0	196	U
91-58-7	2-Chloronaphthalene	ND	39.0	196	U
88-74-4	2-Nitroaniline	ND	39.0	196	U
131-11-3	Dimethylphthalate	ND	39.0	196	U
208-96-8	Acenaphthylene	ND	39.0	196	U
99-09-2	3-Nitroaniline	ND	39.0	196	U
83-32-9	Acenaphthene	ND	39.0	196	U
51-28-5	2,4-Dinitrophenol	ND	39.0	390	U
100-02-7	4-Nitrophenol	ND	39.0	196	U
132-64-9	Dibenzofuran	ND	39.0	196	U
606-20-2	2,6-Dinitrotoluene	ND	39.0	196	U
121-14-2	2,4-Dinitrotoluene	ND	39.0	196	U
84-66-2	Diethyl phthalate	ND	39.0	196	U
7005-72-3	4-Chlorophenyl-phenylether	ND	39.0	196	U
86-73-7	Fluorene	ND	39.0	196	U
100-01-6	4-Nitroaniline	ND	39.0	196	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	39.0	196	U
86-30-6	N-Nitrosodiphenylamine	ND	39.0	196	U
101-55-3	4-Bromophenyl-phenylether	ND	39.0	196	U
118-74-1	Hexachlorobenzene	ND	39.0	196	U
87-86-5	Pentachlorophenol	ND	39.0	196	U
85-01-8	Phenanthrene	46.1	39.0	196	J
120-12-7	Anthracene	ND	39.0	196	U
84-74-2	Di-n-butyl phthalate	ND	39.0	196	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-9
Lab Sample ID: 1500778-09

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:27 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 85.30 Prep Method: EPA 3550B GCMS File ID: E8253.D

Prep Batch: B5E1406 Sequence: S5E2115 Analyzed: 05/21/15 08:58

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	69.9	39.0	196	J
129-00-0	Pyrene	59.8	39.0	196	J
85-68-7	Butylbenzylphthalate	ND	39.0	196	U
91-94-1	3,3'-Dichlorobenzidine	ND	97.3	196	U
56-55-3	Benzo[a]anthracene	ND	39.0	196	U
117-81-7	bis(2-ethylhexyl)phthalate	ND	39.0	196	U
218-01-9	Chrysene	ND	39.0	196	U
117-84-0	Di-n-octyl phthalate	ND	39.0	196	U
205-99-2	Benzo[b]fluoranthene	ND	39.0	196	U
207-08-9	Benzo[k]fluoranthene	ND	39.0	196	U
50-32-8	Benzo[a]pyrene	ND	39.0	196	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	39.0	196	U
53-70-3	Dibenzo(a,h)anthracene	ND	39.0	196	U
191-24-2	Benzo[ghi]perylene	ND	39.0	196	U

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	67%	30-130
Phenol-d5	81%	30-130
Nitrobenzene-d5	68%	30-130
2-Fluorobiphenyl	65%	30-130
2,4,6-Tribromophenol	73%	30-130
Terphenyl-d14	66%	30-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8270

Analyst:

JMM

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-10 Lab Sample ID: 1500778-10

Project: 255 East 138th Street

Work Order: 1500778

1

Dilution:

Date Sampled: 05/13/15 10:00 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 83.30 Prep Method: EPA 3550B GCMS File ID: E8271.D

 Prep Batch:
 B5E1406
 Sequence:
 S5E2206
 Analyzed:
 05/22/15 11:41

CAS NO. **COMPOUND** CONC. (ug/kg dry) MDL RL Q 62-75-9 ND 40.0 200 U N-Nitrosodimethylamine 108-95-2 200 Phenol ND 40.0 U 111-44-4 ND 40.0 200 U bis(2-chloroethyl)ether 95-57-8 2-Chlorophenol ND 40.0 200 U 541-73-1 ND 40.0 200 U 1,3-Dichlorobenzene 106-46-7 1,4-Dichlorobenzene ND 40.0 200 U 100-51-6 Benzyl alcohol ND 40.0 200 U 40.0 95-50-1 1,2-Dichlorobenzene ND 200 U 95-48-7 2-Methylphenol ND 40.0 200 U 39638-32-9 bis(2-chloroisopropyl)ether ND 40.0 200 U 106-44-5 40.0 200 3 & 4-Methylphenol ND U 621-64-7 N-Nitroso-di-n-propylamine ND 40.0 200 U 67-72-1 200 Hexachloroethane ND 40.0 U 98-95-3 Nitrobenzene ND 40.0 200 U 78-59-1 40.0 200 Isophorone ND U 200 88-75-5 40.0 2-Nitrophenol ND U 105-67-9 2,4-Dimethylphenol ND 40.0 200 U 65-85-0 99.6 400 U Benzoic acid ND 111-91-1 bis(2-chloroethoxy)methane ND 40.0 200 U 120-83-2 2,4-Dichlorophenol ND 40.0 200 U 120-82-1 1,2,4-Trichlorobenzene 40.0 200 ND U 91-20-3 40.0 200 Naphthalene ND U 106-47-8 4-Chloroaniline ND 40.0 200 U 87-68-3 Hexachlorobutadiene ND 40.0 200 U 4-Chloro-3-methylphenol 40.0 200 59-50-7 ND U 91-57-6 40.0 200 U 2-Methylnaphthylene ND



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-10 Lab Sample ID: 1500778-10

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:00 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 83.30 Prep Method: EPA 3550B GCMS File ID: E8271.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 11:41

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	40.0	200	U
88-06-2	2,4,6-Trichlorophenol	ND	40.0	200	U
95-95-4	2,4,5-Trichlorophenol	ND	40.0	200	U
91-58-7	2-Chloronaphthalene	ND	40.0	200	U
88-74-4	2-Nitroaniline	ND	40.0	200	U
131-11-3	Dimethylphthalate	ND	40.0	200	U
208-96-8	Acenaphthylene	ND	40.0	200	U
99-09-2	3-Nitroaniline	ND	40.0	200	U
83-32-9	Acenaphthene	ND	40.0	200	U
51-28-5	2,4-Dinitrophenol	ND	40.0	400	U
100-02-7	4-Nitrophenol	ND	40.0	200	U
132-64-9	Dibenzofuran	ND	40.0	200	U
606-20-2	2,6-Dinitrotoluene	ND	40.0	200	U
121-14-2	2,4-Dinitrotoluene	ND	40.0	200	U
84-66-2	Diethyl phthalate	ND	40.0	200	U
7005-72-3	4-Chlorophenyl-phenylether	ND	40.0	200	U
86-73-7	Fluorene	ND	40.0	200	U
100-01-6	4-Nitroaniline	ND	40.0	200	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	40.0	200	U
86-30-6	N-Nitrosodiphenylamine	ND	40.0	200	U
101-55-3	4-Bromophenyl-phenylether	ND	40.0	200	U
118-74-1	Hexachlorobenzene	ND	40.0	200	U
87-86-5	Pentachlorophenol	ND	40.0	200	U
85-01-8	Phenanthrene	ND	40.0	200	U
120-12-7	Anthracene	ND	40.0	200	U
84-74-2	Di-n-butyl phthalate	ND	40.0	200	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-10 Lab Sample ID: 1500778-10

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:00 Prep Date: 05/14/15 09:08 Matrix: Soil

Percent Solids: 83.30 Prep Method: EPA 3550B GCMS File ID: E8271.D

Prep Batch: B5E1406 Sequence: S5E2206 Analyzed: 05/22/15 11:41

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
206-44-0	Fluoranthene	ND	40.0	200	U
129-00-0	Pyrene	ND	40.0	200	U
85-68-7	Butylbenzylphthalate	ND	40.0	200	U
91-94-1	3,3'-Dichlorobenzidine	ND	99.6	200	U
56-55-3	Benzo[a]anthracene	ND	40.0	200	U
117-81-7	bis(2-ethylhexyl)phthalate	ND	40.0	200	U
218-01-9	Chrysene	ND	40.0	200	U
117-84-0	Di-n-octyl phthalate	ND	40.0	200	U
205-99-2	Benzo[b]fluoranthene	ND	40.0	200	U
207-08-9	Benzo[k]fluoranthene	ND	40.0	200	U
50-32-8	Benzo[a]pyrene	ND	40.0	200	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	40.0	200	U
53-70-3	Dibenzo(a,h)anthracene	ND	40.0	200	U
191-24-2	Benzo[ghi]perylene	ND	40.0	200	U

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	65%	30-130
Phenol-d5	73%	30-130
Nitrobenzene-d5	66%	30-130
2-Fluorobiphenyl	64%	30-130
2,4,6-Tribromophenol	75%	30-130
Terphenyl-d14	65%	30-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2 Lab Sample ID: 1500778-11

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Prep Date: 05/15/15 06:00 Matrix: Ground Water

Percent Solids: Prep Method: EPA 3510C GCMS File ID: F10625.D

Prep Batch: B5E1501 Sequence: S5E2012 Analyzed: 05/20/15 12:42

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
62-75-9	N-Nitrosodimethylamine	ND	0.549	2.75	U
108-95-2	Phenol	ND	0.549	2.75	U
111-44-4	bis(2-chloroethyl)ether	ND	0.549	2.75	U
95-57-8	2-Chlorophenol	ND	0.549	2.75	U
541-73-1	1,3-Dichlorobenzene	ND	0.549	2.75	U
106-46-7	1,4-Dichlorobenzene	ND	0.549	2.75	U
100-51-6	Benzyl alcohol	ND	0.549	2.75	U
95-50-1	1,2-Dichlorobenzene	ND	0.549	2.75	U
95-48-7	2-Methylphenol	ND	0.549	2.75	U
39638-32-9	bis(2-chloroisopropyl)ether	ND	0.549	2.75	U
106-44-5	3 & 4-Methylphenol	ND	0.549	2.75	U
621-64-7	N-Nitroso-di-n-propylamine	ND	0.549	2.75	U
67-72-1	Hexachloroethane	ND	0.549	2.75	U
98-95-3	Nitrobenzene	ND	0.549	2.75	U
78-59-1	Isophorone	ND	0.549	2.75	U
88-75-5	2-Nitrophenol	ND	0.549	2.75	U
105-67-9	2,4-Dimethylphenol	ND	0.549	2.75	U
65-85-0	Benzoic acid	ND	2.20	5.49	U
111-91-1	bis(2-chloroethoxy)methane	ND	0.549	2.75	U
120-83-2	2,4-Dichlorophenol	ND	0.549	2.75	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.549	2.75	U
91-20-3	Naphthalene	5.25	0.549	2.75	
106-47-8	4-Chloroaniline	ND	0.549	2.75	U
87-68-3	Hexachlorobutadiene	ND	0.549	2.75	U
59-50-7	4-Chloro-3-methylphenol	ND	0.549	2.75	U
91-57-6	2-Methylnaphthylene	14.4	0.549	2.75	



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2 Lab Sample ID: 1500778-11

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Prep Date: 05/15/15 06:00 Matrix: Ground Water

Percent Solids: Prep Method: EPA 3510C GCMS File ID: F10625.D

Prep Batch: B5E1501 Sequence: S5E2012 Analyzed: 05/20/15 12:42

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
77-47-4	Hexachlorocyclopentadiene	ND	0.549	2.75	U
88-06-2	2,4,6-Trichlorophenol	ND	0.549	2.75	U
95-95-4	2,4,5-Trichlorophenol	ND	0.549	2.75	U
91-58-7	2-Chloronaphthalene	ND	0.549	2.75	U
88-74-4	2-Nitroaniline	ND	0.549	2.75	U
131-11-3	Dimethylphthalate	ND	0.549	2.75	U
208-96-8	Acenaphthylene	ND	0.549	2.75	U
99-09-2	3-Nitroaniline	ND	0.549	2.75	U
83-32-9	Acenaphthene	ND	0.549	2.75	U
51-28-5	2,4-Dinitrophenol	ND	1.10	5.49	U
100-02-7	4-Nitrophenol	ND	0.549	2.75	U
132-64-9	Dibenzofuran	ND	0.549	2.75	U
606-20-2	2,6-Dinitrotoluene	ND	0.549	2.75	U
121-14-2	2,4-Dinitrotoluene	ND	0.549	2.75	U
84-66-2	Diethyl phthalate	ND	0.549	2.75	U
7005-72-3	4-Chlorophenyl-phenylether	ND	0.549	2.75	U
86-73-7	Fluorene	ND	0.549	2.75	U
100-01-6	4-Nitroaniline	ND	0.549	2.75	U
534-52-1	4,6-Dinitro-2-methylphenol	ND	0.549	2.75	U
86-30-6	N-Nitrosodiphenylamine	ND	0.549	2.75	U
101-55-3	4-Bromophenyl-phenylether	ND	0.549	2.75	U
118-74-1	Hexachlorobenzene	ND	0.549	2.75	U
87-86-5	Pentachlorophenol	ND	0.549	2.75	U
85-01-8	Phenanthrene	ND	0.110	2.75	U
120-12-7	Anthracene	ND	0.549	2.75	U
84-74-2	Di-n-butyl phthalate	ND	0.549	2.75	U



EPA 8270

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2 Lab Sample ID: 1500778-11

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Prep Date: 05/15/15 06:00 Matrix: Ground Water

Percent Solids: Prep Method: EPA 3510C GCMS File ID: F10625.D

Prep Batch: B5E1501 Sequence: S5E2012 Analyzed: 05/20/15 12:42

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
206-44-0	Fluoranthene	ND	0.549	2.75	U
129-00-0	Pyrene	ND	0.549	2.75	U
85-68-7	Butylbenzylphthalate	ND	0.549	2.75	U
91-94-1	3,3'-Dichlorobenzidine	ND	0.549	2.75	U
56-55-3	Benzo[a]anthracene	ND	0.110	2.75	U
117-81-7	bis(2-ethylhexyl)phthalate	ND	0.549	2.75	U
218-01-9	Chrysene	ND	0.110	2.75	U
117-84-0	Di-n-octyl phthalate	ND	0.549	2.75	U
205-99-2	Benzo[b]fluoranthene	ND	0.220	2.75	U
207-08-9	Benzo[k]fluoranthene	ND	0.549	2.75	U
50-32-8	Benzo[a]pyrene	ND	0.110	2.75	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.549	2.75	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.220	2.75	U
191-24-2	Benzo[ghi]perylene	ND	0.110	2.75	U

Surrogate	% Recovery	Recovery Limits
2-Fluorophenol	34%	15-110
Phenol-d5	21%	15-110
Nitrobenzene-d5	64%	30-130
2-Fluorobiphenyl	66%	30-130
2,4,6-Tribromophenol	111%	* 15-110
Terphenyl-d14	85%	30-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



VOLATILES SAMPLE DATA



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/19/15 15:57 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 5035A File ID: D11096.D

Prep Batch: B5E1910 Sequence: S5E1907 Analyzed: 05/19/15 15:57

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.71	11.2	U
107-13-1	Acrylonitrile	ND	2.24	11.2	U
67-64-1	Acetone	129	1.12	2.24	
75-71-8	Dichlorodifluoromethane	ND	1.12	2.24	U
74-87-3	Chloromethane	ND	1.12	2.24	U
75-01-4	Vinyl chloride	ND	1.12	2.24	U
74-83-9	Bromomethane	ND	1.12	2.24	U
75-00-3	Chloroethane	ND	1.12	2.24	U
75-69-4	Trichlorofluoromethane	ND	1.12	2.24	U
75-35-4	1,1-Dichloroethene	ND	1.12	2.24	U
75-15-0	Carbon disulfide	ND	1.12	2.24	U
75-09-2	Methylene Chloride	ND	1.12	2.24	U
156-60-5	trans-1,2-Dichloroethene	ND	1.12	2.24	U
75-34-3	1,1-Dichloroethane	ND	1.12	2.24	U
108-05-4	Vinyl acetate	ND	1.12	2.24	U
590-20-7	2,2-Dichloropropane	ND	1.12	2.24	U
78-93-3	2-Butanone	20.4	1.12	2.24	
156-59-4	cis-1,2-Dichloroethene	ND	1.12	2.24	U
67-66-3	Chloroform	ND	1.12	2.24	U
74-97-5	Bromochloromethane	ND	1.12	2.24	U
71-55-6	1,1,1-Trichloroethane	ND	1.12	2.24	U
563-58-6	1,1-Dichloropropene	ND	1.12	2.24	U
56-23-5	Carbon Tetrachloride	ND	1.12	2.24	U
107-06-2	1,2-Dichloroethane	ND	1.12	2.24	U
71-43-2	Benzene	ND	1.12	2.24	U
79-01-6	Trichloroethene	ND	1.12	2.24	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/19/15 15:57 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 5035A File ID: D11096.D

 Prep Batch:
 B5E1910
 Sequence:
 S5E1907
 Analyzed:
 05/19/15 15:57

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.12	2.24	U
75-27-4	Bromodichloromethane	ND	1.12	2.24	U
74-95-3	Dibromomethane	ND	1.12	2.24	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.12	2.24	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.12	2.24	U
108-88-3	Toluene	ND	1.12	2.24	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.12	2.24	U
79-00-5	1,1,2-Trichloroethane	ND	1.12	2.24	U
108-10-1	4-Methyl-2-pentanone	ND	1.12	2.24	U
106-93-4	1,2-Dibromoethane	ND	1.12	2.24	U
591-78-6	2-Hexanone	ND	1.12	2.24	U
142-28-9	1,3-Dichloropropane	ND	1.12	2.24	U
127-18-4	Tetrachloroethene	ND	1.12	2.24	U
124-48-1	Dibromochloromethane	ND	1.12	2.24	U
100-41-4	Ethylbenzene	ND	1.12	2.24	U
108-90-7	Chlorobenzene	ND	1.12	2.24	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.12	2.24	U
108-38-3/106-42	m,p-Xylenes	ND	2.24	4.47	U
95-47-6	o-Xylene	ND	2.24	4.47	U
100-42-5	Styrene	ND	1.12	4.47	U
75-25-2	Bromoform	ND	1.12	2.24	U
98-82-8	Isopropylbenzene	1.80	1.12	2.24	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.12	2.24	U
96-18-4	1,2,3-Trichloropropane	ND	1.12	2.24	U
103-65-1	n-Propyl Benzene	1.48	1.12	2.24	J
108-86-1	Bromobenzene	ND	1.12	2.24	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Prep Date: 05/19/15 15:57 Matrix: Soil

Percent Solids: 86.00 Prep Method: EPA 5035A File ID: D11096.D

Prep Batch: B5E1910 Sequence: S5E1907 Analyzed: 05/19/15 15:57

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.12	2.24	U
95-49-8	2-Chlorotoluene	ND	1.12	2.24	U
106-43-4	4-Chlorotoluene	ND	1.12	2.24	U
98-06-6	tert-Butylbenzene	ND	1.12	2.24	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.12	2.24	U
135-98-8	sec-Butylbenzene	ND	1.12	2.24	U
99-87-6	p-lsopropyltoluene	ND	1.12	2.24	U
541-73-1	1,3-Dichlorobenzene	ND	1.12	2.24	U
106-46-7	1,4-Dichlorobenzene	ND	1.12	2.24	U
104-51-8	n-Butyl Benzene	ND	1.12	2.24	U
95-50-1	1,2-Dichlorobenzene	ND	1.12	2.24	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.12	2.24	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.12	2.24	U
87-68-3	Hexachlorobutadiene	ND	1.12	2.24	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.12	2.24	U

<u>Surrogate</u>	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	92%	70-130
Toluene-d8	94%	70-130
Bromofluorobenzene	82%	70-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8260

Analyst:

SCS

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2 Lab Sample ID: 1500778-02

Project: 255 East 138th Street

Work Order: 1500778

20

Dilution:

Date Sampled: 05/13/15 11:15 Prep Date: 05/19/15 16:27 Matrix: Soil

Percent Solids: 88.20 Prep Method: EPA 5035A File ID: D11097.D

 Prep Batch:
 B5E1910
 Sequence:
 S5E1907
 Analyzed:
 05/19/15 16:27

CAS NO. **COMPOUND** CONC. (ug/kg dry) MDL RL Q 107-02-8 Acrolein ND 136 227 U 107-13-1 227 Acrylonitrile ND 45.4 U 67-64-1 Acetone ND 22.7 45.4 U 75-71-8 Dichlorodifluoromethane ND 22.7 45.4 U 74-87-3 ND 22.7 45.4 U Chloromethane 75-01-4 Vinyl chloride ND 22.7 45.4 U 74-83-9 Bromomethane ND 22.7 45.4 U 22.7 75-00-3 Chloroethane ND 45.4 U 22.7 75-69-4 Trichlorofluoromethane ND 45.4 U 75-35-4 1.1-Dichloroethene ND 22.7 45.4 U 75-15-0 Carbon disulfide ND 22.7 45.4 U 75-09-2 22.7 Methylene Chloride 63.9 45.4 D 156-60-5 trans-1,2-Dichloroethene ND 22.7 45.4 U 75-34-3 1,1-Dichloroethane ND 22.7 45.4 U 22.7 108-05-4 Vinyl acetate ND 45.4 U 590-20-7 22.7 45.4 2,2-Dichloropropane ND U 78-93-3 2-Butanone ND 22.7 45.4 U 156-59-4 22.7 45.4 cis-1,2-Dichloroethene ND U 67-66-3 Chloroform ND 22.7 45.4 U 74-97-5 Bromochloromethane ND 22.7 45.4 U 71-55-6 1,1,1-Trichloroethane 22.7 ND 45.4 U 563-58-6 22.7 1,1-Dichloropropene ND 45.4 U 56-23-5 Carbon Tetrachloride ND 22.7 45.4 U 107-06-2 1.2-Dichloroethane ND 22.7 45.4 U 71-43-2 22.7 Benzene ND 45.4 U 22.7 79-01-6 45.4 Trichloroethene ND U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2 Lab Sample ID: 1500778-02

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:15 Prep Date: 05/19/15 16:27 Matrix: Soil

Percent Solids: 88.20 Prep Method: EPA 5035A File ID: D11097.D

 Prep Batch:
 B5E1910
 Sequence:
 S5E1907
 Analyzed:
 05/19/15 16:27

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	22.7	45.4	U
75-27-4	Bromodichloromethane	ND	22.7	45.4	U
74-95-3	Dibromomethane	ND	22.7	45.4	U
110-75-8	2-Chloroethyl vinyl ether	ND	22.7	45.4	U
10061-01-5	cis-1,3-Dichloropropene	ND	22.7	45.4	U
108-88-3	Toluene	24.0	22.7	45.4	J, D
10061-02-6	trans-1,3-Dichloropropene	ND	22.7	45.4	U
79-00-5	1,1,2-Trichloroethane	ND	22.7	45.4	U
108-10-1	4-Methyl-2-pentanone	ND	22.7	45.4	U
106-93-4	1,2-Dibromoethane	ND	22.7	45.4	U
591-78-6	2-Hexanone	ND	22.7	45.4	U
142-28-9	1,3-Dichloropropane	ND	22.7	45.4	U
127-18-4	Tetrachloroethene	ND	22.7	45.4	U
124-48-1	Dibromochloromethane	ND	22.7	45.4	U
100-41-4	Ethylbenzene	51.2	22.7	45.4	D
108-90-7	Chlorobenzene	ND	22.7	45.4	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	22.7	45.4	U
108-38-3/106-42	m,p-Xylenes	161	45.4	90.7	D
95-47-6	o-Xylene	ND	45.4	90.7	U
100-42-5	Styrene	ND	22.7	90.7	U
75-25-2	Bromoform	ND	22.7	45.4	U
98-82-8	Isopropylbenzene	1240	22.7	45.4	D
79-34-5	1,1,2,2-Tetrachloroethane	ND	22.7	45.4	U
96-18-4	1,2,3-Trichloropropane	ND	22.7	45.4	U
103-65-1	n-Propyl Benzene	3180	22.7	45.4	D
108-86-1	Bromobenzene	ND	22.7	45.4	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2 Lab Sample ID: 1500778-02

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:15 Prep Date: 05/19/15 16:27 Matrix: Soil

Percent Solids: 88.20 Prep Method: EPA 5035A File ID: D11097.D

Prep Batch: B5E1910 Sequence: S5E1907 Analyzed: 05/19/15 16:27

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	22.7	45.4	U
95-49-8	2-Chlorotoluene	ND	22.7	45.4	U
106-43-4	4-Chlorotoluene	ND	22.7	45.4	U
98-06-6	tert-Butylbenzene	46.5	22.7	45.4	D
95-63-6	1,2,4-Trimethylbenzene	70.3	22.7	45.4	D
135-98-8	sec-Butylbenzene	780	22.7	45.4	D
99-87-6	p-Isopropyltoluene	36.5	22.7	45.4	J, D
541-73-1	1,3-Dichlorobenzene	ND	22.7	45.4	U
106-46-7	1,4-Dichlorobenzene	ND	22.7	45.4	U
104-51-8	n-Butyl Benzene	1430	22.7	45.4	D
95-50-1	1,2-Dichlorobenzene	ND	22.7	45.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	22.7	45.4	U
120-82-1	1,2,4-Trichlorobenzene	ND	22.7	45.4	U
87-68-3	Hexachlorobutadiene	ND	22.7	45.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	22.7	45.4	U

<u>Surrogate</u>	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	92%	70-130
Toluene-d8	98%	70-130
Bromofluorobenzene	116%	70-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-3 Lab Sample ID: 1500778-03

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:50 Prep Date: 05/18/15 22:47 Matrix: Soil

Percent Solids: 72.80 Prep Method: EPA 5035A File ID: D11081.D

 Prep Batch:
 B5E1816
 Sequence:
 S5E1810
 Analyzed:
 05/18/15 22:47

107-02-8 Acrolein	ND			
		9.16	15.3	U
107-13-1 Acrylonitrile	ND	3.05	15.3	U
67-64-1 Acetone	10.9	1.53	3.05	
75-71-8 Dichlorodifluoromethane	ND	1.53	3.05	U
74-87-3 Chloromethane	ND	1.53	3.05	U
75-01-4 Vinyl chloride	ND	1.53	3.05	U
74-83-9 Bromomethane	ND	1.53	3.05	U
75-00-3 Chloroethane	ND	1.53	3.05	U
75-69-4 Trichlorofluoromethane	ND	1.53	3.05	U
75-35-4 1,1-Dichloroethene	ND	1.53	3.05	U
75-15-0 Carbon disulfide	ND	1.53	3.05	U
75-09-2 Methylene Chloride	ND	1.53	3.05	U
156-60-5 trans-1,2-Dichloroethene	ND	1.53	3.05	U
75-34-3 1,1-Dichloroethane	ND	1.53	3.05	U
108-05-4 Vinyl acetate	ND	1.53	3.05	U
590-20-7 2,2-Dichloropropane	ND	1.53	3.05	U
78-93-3 2-Butanone	ND	1.53	3.05	U
156-59-4 cis-1,2-Dichloroethene	ND	1.53	3.05	U
67-66-3 Chloroform	ND	1.53	3.05	U
74-97-5 Bromochloromethane	ND	1.53	3.05	U
71-55-6 1,1,1-Trichloroethane	ND	1.53	3.05	U
563-58-6 1,1-Dichloropropene	ND	1.53	3.05	U
56-23-5 Carbon Tetrachloride	ND	1.53	3.05	U
107-06-2 1,2-Dichloroethane	ND	1.53	3.05	U
71-43-2 Benzene	96.9	1.53	3.05	
79-01-6 Trichloroethene	ND	1.53	3.05	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-3 Lab Sample ID: 1500778-03

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:50 Prep Date: 05/18/15 22:47 Matrix: Soil

Percent Solids: 72.80 Prep Method: EPA 5035A File ID: D11081.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 22:47

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.53	3.05	U
75-27-4	Bromodichloromethane	ND	1.53	3.05	U
74-95-3	Dibromomethane	ND	1.53	3.05	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.53	3.05	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.53	3.05	U
108-88-3	Toluene	2.78	1.53	3.05	J
10061-02-6	trans-1,3-Dichloropropene	ND	1.53	3.05	U
79-00-5	1,1,2-Trichloroethane	ND	1.53	3.05	U
108-10-1	4-Methyl-2-pentanone	ND	1.53	3.05	U
106-93-4	1,2-Dibromoethane	ND	1.53	3.05	U
591-78-6	2-Hexanone	ND	1.53	3.05	U
142-28-9	1,3-Dichloropropane	ND	1.53	3.05	U
127-18-4	Tetrachloroethene	ND	1.53	3.05	U
124-48-1	Dibromochloromethane	ND	1.53	3.05	U
100-41-4	Ethylbenzene	1.94	1.53	3.05	J
108-90-7	Chlorobenzene	ND	1.53	3.05	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.53	3.05	U
108-38-3/106-42	m,p-Xylenes	11.5	3.05	6.11	
95-47-6	o-Xylene	ND	3.05	6.11	U
100-42-5	Styrene	ND	1.53	6.11	U
75-25-2	Bromoform	ND	1.53	3.05	U
98-82-8	Isopropylbenzene	84.4	1.53	3.05	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.53	3.05	U
96-18-4	1,2,3-Trichloropropane	ND	1.53	3.05	U
103-65-1	n-Propyl Benzene	105	1.53	3.05	
108-86-1	Bromobenzene	ND	1.53	3.05	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-3 Lab Sample ID: 1500778-03

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:50 Prep Date: 05/18/15 22:47 Matrix: Soil

Percent Solids: 72.80 Prep Method: EPA 5035A File ID: D11081.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 22:47

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.53	3.05	U
95-49-8	2-Chlorotoluene	ND	1.53	3.05	U
106-43-4	4-Chlorotoluene	ND	1.53	3.05	U
98-06-6	tert-Butylbenzene	ND	1.53	3.05	U
95-63-6	1,2,4-Trimethylbenzene	2.38	1.53	3.05	J
135-98-8	sec-Butylbenzene	22.8	1.53	3.05	
99-87-6	p-lsopropyltoluene	ND	1.53	3.05	U
541-73-1	1,3-Dichlorobenzene	ND	1.53	3.05	U
106-46-7	1,4-Dichlorobenzene	ND	1.53	3.05	U
104-51-8	n-Butyl Benzene	8.64	1.53	3.05	
95-50-1	1,2-Dichlorobenzene	ND	1.53	3.05	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.53	3.05	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.53	3.05	U
87-68-3	Hexachlorobutadiene	ND	1.53	3.05	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.53	3.05	U

<u>Surrogate</u>	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	95%	70-130
Toluene-d8	96%	70-130
Bromofluorobenzene	80%	70-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4 Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00 Prep Date: 05/18/15 20:48 Matrix: Soil

Percent Solids: 85.10 Prep Method: EPA 5035A File ID: D11077.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 20:48

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	9.79	16.3	U
107-13-1	Acrylonitrile	ND	3.26	16.3	U
67-64-1	Acetone	ND	1.63	3.26	U
75-71-8	Dichlorodifluoromethane	ND	1.63	3.26	U
74-87-3	Chloromethane	ND	1.63	3.26	U
75-01-4	Vinyl chloride	ND	1.63	3.26	U
74-83-9	Bromomethane	ND	1.63	3.26	U
75-00-3	Chloroethane	ND	1.63	3.26	U
75-69-4	Trichlorofluoromethane	ND	1.63	3.26	U
75-35-4	1,1-Dichloroethene	ND	1.63	3.26	U
75-15-0	Carbon disulfide	ND	1.63	3.26	U
75-09-2	Methylene Chloride	ND	1.63	3.26	U
156-60-5	trans-1,2-Dichloroethene	ND	1.63	3.26	U
75-34-3	1,1-Dichloroethane	ND	1.63	3.26	U
108-05-4	Vinyl acetate	ND	1.63	3.26	U
590-20-7	2,2-Dichloropropane	ND	1.63	3.26	U
78-93-3	2-Butanone	ND	1.63	3.26	U
156-59-4	cis-1,2-Dichloroethene	ND	1.63	3.26	U
67-66-3	Chloroform	ND	1.63	3.26	U
74-97-5	Bromochloromethane	ND	1.63	3.26	U
71-55-6	1,1,1-Trichloroethane	ND	1.63	3.26	U
563-58-6	1,1-Dichloropropene	ND	1.63	3.26	U
56-23-5	Carbon Tetrachloride	ND	1.63	3.26	U
107-06-2	1,2-Dichloroethane	ND	1.63	3.26	U
71-43-2	Benzene	ND	1.63	3.26	U
79-01-6	Trichloroethene	ND	1.63	3.26	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4 Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00 Prep Date: 05/18/15 20:48 Matrix: Soil

Percent Solids: 85.10 Prep Method: EPA 5035A File ID: D11077.D

 Prep Batch:
 B5E1816
 Sequence:
 S5E1810
 Analyzed:
 05/18/15 20:48

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.63	3.26	U
75-27-4	Bromodichloromethane	ND	1.63	3.26	U
74-95-3	Dibromomethane	ND	1.63	3.26	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.63	3.26	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.63	3.26	U
108-88-3	Toluene	ND	1.63	3.26	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.63	3.26	U
79-00-5	1,1,2-Trichloroethane	ND	1.63	3.26	U
108-10-1	4-Methyl-2-pentanone	ND	1.63	3.26	U
106-93-4	1,2-Dibromoethane	ND	1.63	3.26	U
591-78-6	2-Hexanone	ND	1.63	3.26	U
142-28-9	1,3-Dichloropropane	ND	1.63	3.26	U
127-18-4	Tetrachloroethene	ND	1.63	3.26	U
124-48-1	Dibromochloromethane	ND	1.63	3.26	U
100-41-4	Ethylbenzene	ND	1.63	3.26	U
108-90-7	Chlorobenzene	ND	1.63	3.26	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.63	3.26	U
108-38-3/106-42	m,p-Xylenes	ND	3.26	6.53	U
95-47-6	o-Xylene	ND	3.26	6.53	U
100-42-5	Styrene	ND	1.63	6.53	U
75-25-2	Bromoform	ND	1.63	3.26	U
98-82-8	Isopropylbenzene	ND	1.63	3.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.63	3.26	U
96-18-4	1,2,3-Trichloropropane	ND	1.63	3.26	U
103-65-1	n-Propyl Benzene	ND	1.63	3.26	U
108-86-1	Bromobenzene	ND	1.63	3.26	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4 Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00 Prep Date: 05/18/15 20:48 Matrix: Soil

Percent Solids: 85.10 Prep Method: EPA 5035A File ID: D11077.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 20:48

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.63	3.26	U
95-49-8	2-Chlorotoluene	ND	1.63	3.26	U
106-43-4	4-Chlorotoluene	ND	1.63	3.26	U
98-06-6	tert-Butylbenzene	ND	1.63	3.26	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.63	3.26	U
135-98-8	sec-Butylbenzene	ND	1.63	3.26	U
99-87-6	p-Isopropyltoluene	ND	1.63	3.26	U
541-73-1	1,3-Dichlorobenzene	ND	1.63	3.26	U
106-46-7	1,4-Dichlorobenzene	ND	1.63	3.26	U
104-51-8	n-Butyl Benzene	ND	1.63	3.26	U
95-50-1	1,2-Dichlorobenzene	ND	1.63	3.26	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.63	3.26	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.63	3.26	U
87-68-3	Hexachlorobutadiene	ND	1.63	3.26	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.63	3.26	U

<u>Surrogate</u>	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	95%	70-130
Toluene-d8	94%	70-130
Bromofluorobenzene	78%	70-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5 Lab Sample ID: 1500778-05

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/18/15 21:18 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 5035A File ID: D11078.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 21:18

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.56	10.9	U
107-13-1	Acrylonitrile	ND	2.19	10.9	U
67-64-1	Acetone	5.36	1.09	2.19	
75-71-8	Dichlorodifluoromethane	ND	1.09	2.19	U
74-87-3	Chloromethane	ND	1.09	2.19	U
75-01-4	Vinyl chloride	ND	1.09	2.19	U
74-83-9	Bromomethane	ND	1.09	2.19	U
75-00-3	Chloroethane	ND	1.09	2.19	U
75-69-4	Trichlorofluoromethane	ND	1.09	2.19	U
75-35-4	1,1-Dichloroethene	ND	1.09	2.19	U
75-15-0	Carbon disulfide	ND	1.09	2.19	U
75-09-2	Methylene Chloride	4.23	1.09	2.19	В
156-60-5	trans-1,2-Dichloroethene	ND	1.09	2.19	U
75-34-3	1,1-Dichloroethane	ND	1.09	2.19	U
108-05-4	Vinyl acetate	ND	1.09	2.19	U
590-20-7	2,2-Dichloropropane	ND	1.09	2.19	U
78-93-3	2-Butanone	ND	1.09	2.19	U
156-59-4	cis-1,2-Dichloroethene	ND	1.09	2.19	U
67-66-3	Chloroform	ND	1.09	2.19	U
74-97-5	Bromochloromethane	ND	1.09	2.19	U
71-55-6	1,1,1-Trichloroethane	ND	1.09	2.19	U
563-58-6	1,1-Dichloropropene	ND	1.09	2.19	U
56-23-5	Carbon Tetrachloride	ND	1.09	2.19	U
107-06-2	1,2-Dichloroethane	ND	1.09	2.19	U
71-43-2	Benzene	ND	1.09	2.19	U
79-01-6	Trichloroethene	ND	1.09	2.19	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5 Lab Sample ID: 1500778-05

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/18/15 21:18 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 5035A File ID: D11078.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 21:18

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.09	2.19	U
75-27-4	Bromodichloromethane	ND	1.09	2.19	U
74-95-3	Dibromomethane	ND	1.09	2.19	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.09	2.19	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.09	2.19	U
108-88-3	Toluene	ND	1.09	2.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.09	2.19	U
79-00-5	1,1,2-Trichloroethane	ND	1.09	2.19	U
108-10-1	4-Methyl-2-pentanone	ND	1.09	2.19	U
106-93-4	1,2-Dibromoethane	ND	1.09	2.19	U
591-78-6	2-Hexanone	ND	1.09	2.19	U
142-28-9	1,3-Dichloropropane	ND	1.09	2.19	U
127-18-4	Tetrachloroethene	ND	1.09	2.19	U
124-48-1	Dibromochloromethane	ND	1.09	2.19	U
100-41-4	Ethylbenzene	ND	1.09	2.19	U
108-90-7	Chlorobenzene	ND	1.09	2.19	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.09	2.19	U
108-38-3/106-42	m,p-Xylenes	ND	2.19	4.37	U
95-47-6	o-Xylene	ND	2.19	4.37	U
100-42-5	Styrene	ND	1.09	4.37	U
75-25-2	Bromoform	ND	1.09	2.19	U
98-82-8	Isopropylbenzene	ND	1.09	2.19	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.09	2.19	U
96-18-4	1,2,3-Trichloropropane	ND	1.09	2.19	U
103-65-1	n-Propyl Benzene	ND	1.09	2.19	U
108-86-1	Bromobenzene	ND	1.09	2.19	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5 Lab Sample ID: 1500778-05

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Prep Date: 05/18/15 21:18 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 5035A File ID: D11078.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 21:18

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.09	2.19	U
95-49-8	2-Chlorotoluene	ND	1.09	2.19	U
106-43-4	4-Chlorotoluene	ND	1.09	2.19	U
98-06-6	tert-Butylbenzene	ND	1.09	2.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.09	2.19	U
135-98-8	sec-Butylbenzene	ND	1.09	2.19	U
99-87-6	p-Isopropyltoluene	ND	1.09	2.19	U
541-73-1	1,3-Dichlorobenzene	ND	1.09	2.19	U
106-46-7	1,4-Dichlorobenzene	ND	1.09	2.19	U
104-51-8	n-Butyl Benzene	ND	1.09	2.19	U
95-50-1	1,2-Dichlorobenzene	ND	1.09	2.19	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.09	2.19	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.09	2.19	U
87-68-3	Hexachlorobutadiene	ND	1.09	2.19	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.09	2.19	U

<u>Surrogate</u>	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	94%	70-130
Toluene-d8	95%	70-130
Bromofluorobenzene	74%	70-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-6
Lab Sample ID: 1500778-06

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:20 Prep Date: 05/18/15 19:48 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 5035A File ID: D11075.D

 Prep Batch:
 B5E1816
 Sequence:
 S5E1810
 Analyzed:
 05/18/15 19:48

		CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	8.12	13.5	U
107-13-1	Acrylonitrile	ND	2.71	13.5	U
67-64-1	Acetone	ND	1.35	2.71	U
75-71-8	Dichlorodifluoromethane	ND	1.35	2.71	U
74-87-3	Chloromethane	ND	1.35	2.71	U
75-01-4	Vinyl chloride	ND	1.35	2.71	U
74-83-9	Bromomethane	ND	1.35	2.71	U
75-00-3	Chloroethane	ND	1.35	2.71	U
75-69-4	Trichlorofluoromethane	ND	1.35	2.71	U
75-35-4	1,1-Dichloroethene	ND	1.35	2.71	U
75-15-0	Carbon disulfide	ND	1.35	2.71	U
75-09-2	Methylene Chloride	ND	1.35	2.71	U
156-60-5	trans-1,2-Dichloroethene	ND	1.35	2.71	U
75-34-3	1,1-Dichloroethane	ND	1.35	2.71	U
108-05-4	Vinyl acetate	ND	1.35	2.71	U
590-20-7	2,2-Dichloropropane	ND	1.35	2.71	U
78-93-3	2-Butanone	ND	1.35	2.71	U
156-59-4	cis-1,2-Dichloroethene	ND	1.35	2.71	U
67-66-3	Chloroform	ND	1.35	2.71	U
74-97-5	Bromochloromethane	ND	1.35	2.71	U
71-55-6	1,1,1-Trichloroethane	ND	1.35	2.71	U
563-58-6	1,1-Dichloropropene	ND	1.35	2.71	U
56-23-5	Carbon Tetrachloride	ND	1.35	2.71	U
107-06-2	1,2-Dichloroethane	ND	1.35	2.71	U
71-43-2	Benzene	ND	1.35	2.71	U
79-01-6	Trichloroethene	ND	1.35	2.71	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-6
Lab Sample ID: 1500778-06

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:20 Prep Date: 05/18/15 19:48 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 5035A File ID: D11075.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 19:48

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.35	2.71	U
75-27-4	Bromodichloromethane	ND	1.35	2.71	U
74-95-3	Dibromomethane	ND	1.35	2.71	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.35	2.71	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.35	2.71	U
108-88-3	Toluene	ND	1.35	2.71	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.35	2.71	U
79-00-5	1,1,2-Trichloroethane	ND	1.35	2.71	U
108-10-1	4-Methyl-2-pentanone	ND	1.35	2.71	U
106-93-4	1,2-Dibromoethane	ND	1.35	2.71	U
591-78-6	2-Hexanone	ND	1.35	2.71	U
142-28-9	1,3-Dichloropropane	ND	1.35	2.71	U
127-18-4	Tetrachloroethene	ND	1.35	2.71	U
124-48-1	Dibromochloromethane	ND	1.35	2.71	U
100-41-4	Ethylbenzene	ND	1.35	2.71	U
108-90-7	Chlorobenzene	ND	1.35	2.71	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.35	2.71	U
108-38-3/106-42	m,p-Xylenes	ND	2.71	5.41	U
95-47-6	o-Xylene	ND	2.71	5.41	U
100-42-5	Styrene	ND	1.35	5.41	U
75-25-2	Bromoform	ND	1.35	2.71	U
98-82-8	Isopropylbenzene	ND	1.35	2.71	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.35	2.71	U
96-18-4	1,2,3-Trichloropropane	ND	1.35	2.71	U
103-65-1	n-Propyl Benzene	ND	1.35	2.71	U
108-86-1	Bromobenzene	ND	1.35	2.71	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-6
Lab Sample ID: 1500778-06

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:20 Prep Date: 05/18/15 19:48 Matrix: Soil

Percent Solids: 88.00 Prep Method: EPA 5035A File ID: D11075.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 19:48

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.35	2.71	U
95-49-8	2-Chlorotoluene	ND	1.35	2.71	U
106-43-4	4-Chlorotoluene	ND	1.35	2.71	U
98-06-6	tert-Butylbenzene	ND	1.35	2.71	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.35	2.71	U
135-98-8	sec-Butylbenzene	ND	1.35	2.71	U
99-87-6	p-lsopropyltoluene	ND	1.35	2.71	U
541-73-1	1,3-Dichlorobenzene	ND	1.35	2.71	U
106-46-7	1,4-Dichlorobenzene	ND	1.35	2.71	U
104-51-8	n-Butyl Benzene	ND	1.35	2.71	U
95-50-1	1,2-Dichlorobenzene	ND	1.35	2.71	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.35	2.71	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.35	2.71	U
87-68-3	Hexachlorobutadiene	ND	1.35	2.71	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.35	2.71	U

<u>Surrogate</u>	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	96%	70-130
Toluene-d8	93%	70-130
Bromofluorobenzene	75%	70-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-9
Lab Sample ID: 1500778-09

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:27 Prep Date: 05/18/15 22:17 Matrix: Soil

Percent Solids: 85.30 Prep Method: EPA 5035A File ID: D11080.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 22:17

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.64	11.1	U
107-13-1	Acrylonitrile	ND	2.21	11.1	U
67-64-1	Acetone	9.52	1.11	2.21	
75-71-8	Dichlorodifluoromethane	ND	1.11	2.21	U
74-87-3	Chloromethane	ND	1.11	2.21	U
75-01-4	Vinyl chloride	ND	1.11	2.21	U
74-83-9	Bromomethane	ND	1.11	2.21	U
75-00-3	Chloroethane	ND	1.11	2.21	U
75-69-4	Trichlorofluoromethane	ND	1.11	2.21	U
75-35-4	1,1-Dichloroethene	ND	1.11	2.21	U
75-15-0	Carbon disulfide	ND	1.11	2.21	U
75-09-2	Methylene Chloride	ND	1.11	2.21	U
156-60-5	trans-1,2-Dichloroethene	ND	1.11	2.21	U
75-34-3	1,1-Dichloroethane	ND	1.11	2.21	U
108-05-4	Vinyl acetate	ND	1.11	2.21	U
590-20-7	2,2-Dichloropropane	ND	1.11	2.21	U
78-93-3	2-Butanone	ND	1.11	2.21	U
156-59-4	cis-1,2-Dichloroethene	ND	1.11	2.21	U
67-66-3	Chloroform	ND	1.11	2.21	U
74-97-5	Bromochloromethane	ND	1.11	2.21	U
71-55-6	1,1,1-Trichloroethane	ND	1.11	2.21	U
563-58-6	1,1-Dichloropropene	ND	1.11	2.21	U
56-23-5	Carbon Tetrachloride	ND	1.11	2.21	U
107-06-2	1,2-Dichloroethane	ND	1.11	2.21	U
71-43-2	Benzene	ND	1.11	2.21	U
79-01-6	Trichloroethene	ND	1.11	2.21	U



EPA 8260

Analyst:

Client: **BRINKERHOFF ENVIRONMENTAL**

Client Sample ID: WC-9 Lab Sample ID: 1500778-09

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:27 Prep Date: 05/18/15 22:17 Matrix: Soil

File ID: D11080.D Percent Solids: 85.30 Prep Method: EPA 5035A

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 22:17 Dilution: 1 SCS

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.11	2.21	U
75-27-4	Bromodichloromethane	ND	1.11	2.21	U
74-95-3	Dibromomethane	ND	1.11	2.21	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.11	2.21	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.11	2.21	U
108-88-3	Toluene	ND	1.11	2.21	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.11	2.21	U
79-00-5	1,1,2-Trichloroethane	ND	1.11	2.21	U
108-10-1	4-Methyl-2-pentanone	ND	1.11	2.21	U
106-93-4	1,2-Dibromoethane	ND	1.11	2.21	U
591-78-6	2-Hexanone	ND	1.11	2.21	U
142-28-9	1,3-Dichloropropane	ND	1.11	2.21	U
127-18-4	Tetrachloroethene	ND	1.11	2.21	U
124-48-1	Dibromochloromethane	ND	1.11	2.21	U
100-41-4	Ethylbenzene	ND	1.11	2.21	U
108-90-7	Chlorobenzene	ND	1.11	2.21	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.11	2.21	U
108-38-3/106-42	m,p-Xylenes	ND	2.21	4.42	U
95-47-6	o-Xylene	ND	2.21	4.42	U
100-42-5	Styrene	ND	1.11	4.42	U
75-25-2	Bromoform	ND	1.11	2.21	U
98-82-8	Isopropylbenzene	9.85	1.11	2.21	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.11	2.21	U
96-18-4	1,2,3-Trichloropropane	ND	1.11	2.21	U
103-65-1	n-Propyl Benzene	1.70	1.11	2.21	J
108-86-1	Bromobenzene	ND	1.11	2.21	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-9
Lab Sample ID: 1500778-09

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:27 Prep Date: 05/18/15 22:17 Matrix: Soil

Percent Solids: 85.30 Prep Method: EPA 5035A File ID: D11080.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 22:17

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.11	2.21	U
95-49-8	2-Chlorotoluene	ND	1.11	2.21	U
106-43-4	4-Chlorotoluene	ND	1.11	2.21	U
98-06-6	tert-Butylbenzene	ND	1.11	2.21	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.11	2.21	U
135-98-8	sec-Butylbenzene	2.27	1.11	2.21	
99-87-6	p-Isopropyltoluene	ND	1.11	2.21	U
541-73-1	1,3-Dichlorobenzene	ND	1.11	2.21	U
106-46-7	1,4-Dichlorobenzene	ND	1.11	2.21	U
104-51-8	n-Butyl Benzene	ND	1.11	2.21	U
95-50-1	1,2-Dichlorobenzene	ND	1.11	2.21	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.11	2.21	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.11	2.21	U
87-68-3	Hexachlorobutadiene	ND	1.11	2.21	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.11	2.21	U

<u>Surrogate</u>	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	89%	70-130
Toluene-d8	96%	70-130
Bromofluorobenzene	86%	70-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-10 Lab Sample ID: 1500778-10

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:00 Prep Date: 05/18/15 20:18 Matrix: Soil

Percent Solids: 83.30 Prep Method: EPA 5035A File ID: D11076.D

 Prep Batch:
 B5E1816
 Sequence:
 S5E1810
 Analyzed:
 05/18/15 20:18

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
107-02-8	Acrolein	ND	6.43	10.7	U
107-13-1	Acrylonitrile	ND	2.14	10.7	U
67-64-1	Acetone	1.24	1.07	2.14	J
75-71-8	Dichlorodifluoromethane	ND	1.07	2.14	U
74-87-3	Chloromethane	ND	1.07	2.14	U
75-01-4	Vinyl chloride	ND	1.07	2.14	U
74-83-9	Bromomethane	ND	1.07	2.14	U
75-00-3	Chloroethane	ND	1.07	2.14	U
75-69-4	Trichlorofluoromethane	ND	1.07	2.14	U
75-35-4	1,1-Dichloroethene	ND	1.07	2.14	U
75-15-0	Carbon disulfide	ND	1.07	2.14	U
75-09-2	Methylene Chloride	ND	1.07	2.14	U
156-60-5	trans-1,2-Dichloroethene	ND	1.07	2.14	U
75-34-3	1,1-Dichloroethane	ND	1.07	2.14	U
108-05-4	Vinyl acetate	ND	1.07	2.14	U
590-20-7	2,2-Dichloropropane	ND	1.07	2.14	U
78-93-3	2-Butanone	ND	1.07	2.14	U
156-59-4	cis-1,2-Dichloroethene	ND	1.07	2.14	U
67-66-3	Chloroform	ND	1.07	2.14	U
74-97-5	Bromochloromethane	ND	1.07	2.14	U
71-55-6	1,1,1-Trichloroethane	ND	1.07	2.14	U
563-58-6	1,1-Dichloropropene	ND	1.07	2.14	U
56-23-5	Carbon Tetrachloride	ND	1.07	2.14	U
107-06-2	1,2-Dichloroethane	ND	1.07	2.14	U
71-43-2	Benzene	ND	1.07	2.14	U
79-01-6	Trichloroethene	ND	1.07	2.14	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-10 Lab Sample ID: 1500778-10

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:00 Prep Date: 05/18/15 20:18 Matrix: Soil

Percent Solids: 83.30 Prep Method: EPA 5035A File ID: D11076.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 20:18

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	1.07	2.14	U
75-27-4	Bromodichloromethane	ND	1.07	2.14	U
74-95-3	Dibromomethane	ND	1.07	2.14	U
110-75-8	2-Chloroethyl vinyl ether	ND	1.07	2.14	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.07	2.14	U
108-88-3	Toluene	ND	1.07	2.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.07	2.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.07	2.14	U
108-10-1	4-Methyl-2-pentanone	ND	1.07	2.14	U
106-93-4	1,2-Dibromoethane	ND	1.07	2.14	U
591-78-6	2-Hexanone	ND	1.07	2.14	U
142-28-9	1,3-Dichloropropane	ND	1.07	2.14	U
127-18-4	Tetrachloroethene	ND	1.07	2.14	U
124-48-1	Dibromochloromethane	ND	1.07	2.14	U
100-41-4	Ethylbenzene	ND	1.07	2.14	U
108-90-7	Chlorobenzene	ND	1.07	2.14	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.07	2.14	U
108-38-3/106-42	m,p-Xylenes	ND	2.14	4.29	U
95-47-6	o-Xylene	ND	2.14	4.29	U
100-42-5	Styrene	ND	1.07	4.29	U
75-25-2	Bromoform	ND	1.07	2.14	U
98-82-8	Isopropylbenzene	ND	1.07	2.14	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.07	2.14	U
96-18-4	1,2,3-Trichloropropane	ND	1.07	2.14	U
103-65-1	n-Propyl Benzene	ND	1.07	2.14	U
108-86-1	Bromobenzene	ND	1.07	2.14	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-10 Lab Sample ID: 1500778-10

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:00 Prep Date: 05/18/15 20:18 Matrix: Soil

Percent Solids: 83.30 Prep Method: EPA 5035A File ID: D11076.D

Prep Batch: B5E1816 Sequence: S5E1810 Analyzed: 05/18/15 20:18

CAS NO.	COMPOUND	CONC. (ug/kg dry)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	1.07	2.14	U
95-49-8	2-Chlorotoluene	ND	1.07	2.14	U
106-43-4	4-Chlorotoluene	ND	1.07	2.14	U
98-06-6	tert-Butylbenzene	ND	1.07	2.14	U
95-63-6	1,2,4-Trimethylbenzene	ND	1.07	2.14	U
135-98-8	sec-Butylbenzene	ND	1.07	2.14	U
99-87-6	p-Isopropyltoluene	ND	1.07	2.14	U
541-73-1	1,3-Dichlorobenzene	ND	1.07	2.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.07	2.14	U
104-51-8	n-Butyl Benzene	ND	1.07	2.14	U
95-50-1	1,2-Dichlorobenzene	ND	1.07	2.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.07	2.14	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.07	2.14	U
87-68-3	Hexachlorobutadiene	ND	1.07	2.14	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.07	2.14	U

<u>Surrogate</u>	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	87%	70-130
Toluene-d8	96%	70-130
Bromofluorobenzene	91%	70-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2 Lab Sample ID: 1500778-11

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Prep Date: 05/19/15 14:26 Matrix: Ground Water

Percent Solids: Prep Method: EPA 5030B File ID: M16226.D

Prep Batch: B5E1913 Sequence: S5E1909 Analyzed: 05/19/15 14:26

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
107-02-8	Acrolein	ND	6.00	10.0	U
107-13-1	Acrylonitrile	ND	2.00	10.0	U
67-64-1	Acetone	ND	1.00	1.00	U
75-71-8	Dichlorodifluoromethane	ND	1.00	1.00	U
74-87-3	Chloromethane	ND	1.00	1.00	U
75-01-4	Vinyl chloride	ND	1.00	1.00	U
74-83-9	Bromomethane	ND	1.00	1.00	U
75-00-3	Chloroethane	ND	1.00	1.00	U
75-69-4	Trichlorofluoromethane	ND	1.00	1.00	U
75-35-4	1,1-Dichloroethene	ND	0.400	1.00	U
75-15-0	Carbon disulfide	ND	0.400	1.00	U
75-09-2	Methylene Chloride	ND	0.400	1.00	U
156-60-5	trans-1,2-Dichloroethene	ND	0.400	1.00	U
75-34-3	1,1-Dichloroethane	ND	0.400	1.00	U
108-05-4	Vinyl acetate	ND	0.400	1.00	U
590-20-7	2,2-Dichloropropane	ND	0.400	1.00	U
78-93-3	2-Butanone	ND	0.500	1.00	U
156-59-4	cis-1,2-Dichloroethene	ND	0.500	1.00	U
67-66-3	Chloroform	ND	0.500	1.00	U
74-97-5	Bromochloromethane	ND	0.500	1.00	U
71-55-6	1,1,1-Trichloroethane	ND	0.500	1.00	U
563-58-6	1,1-Dichloropropene	ND	0.500	1.00	U
56-23-5	Carbon Tetrachloride	ND	0.500	1.00	U
107-06-2	1,2-Dichloroethane	ND	0.500	1.00	U
71-43-2	Benzene	17.3	0.500	1.00	
79-01-6	Trichloroethene	ND	0.500	1.00	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2 Lab Sample ID: 1500778-11

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Prep Date: 05/19/15 14:26 Matrix: Ground Water

Percent Solids: Prep Method: EPA 5030B File ID: M16226.D

 Prep Batch:
 B5E1913
 Sequence:
 S5E1909
 Analyzed:
 05/19/15 14:26

78-87-5 1,2-Dichloropropane ND 0.500 1.00 U 75-27-4 Bromodichloromethane ND 0.500 1.00 U 74-95-3 Dibromomethane ND 0.500 1.00 U 110-75-8 2-Chlorocethyl vinyl ether ND 0.500 1.00 U 10061-01-5 cis-1,3-Dichloropropene ND 0.500 1.00 U 108-88-3 Toluene 2.21 0.500 1.00 U 10061-02-6 trans-1,3-Dichloropropene ND 0.500 1.00 U 79-00-5 1,1,2-Trichloroethane ND 0.500 1.00 U 108-10-1 4-Methyl-2-pentanone ND 0.500 1.00 U 108-93-4 1,2-Dibromoethane ND 0.500 1.00 U 142-28-9 1,3-Dichloropropane ND 0.500 1.00 U 127-18-4 Tetrachloroethene ND 0.500 1.00 U 100-41-4 Eth	CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
74-95-3 Dibromomethane ND 0.500 1.00 U 110-75-8 2-Chloroethyl vinyl ether ND 0.500 1.00 U 10061-01-5 cis-1,3-Dichloropropene ND 0.500 1.00 U 108-88-3 Toluene 2.21 0.500 1.00 U 10061-02-6 trans-1,3-Dichloropropene ND 0.500 1.00 U 79-00-5 1,1,2-Trichloroethane ND 0.500 1.00 U 108-10-1 4-Methyl-2-pentanone ND 0.500 1.00 U 106-93-4 1,2-Dibromoethane ND 0.500 1.00 U 591-78-6 2-Hexanone ND 0.500 1.00 U 142-28-9 1,3-Dichloropropane ND 0.500 1.00 U 127-18-4 Tetrachloroethene ND 0.500 1.00 U 100-41-4 Ethylbenzene 6.06 0.500 1.00 U 108-90-7 Chlorobenzene <td>78-87-5</td> <td>1,2-Dichloropropane</td> <td>ND</td> <td>0.500</td> <td>1.00</td> <td>U</td>	78-87-5	1,2-Dichloropropane	ND	0.500	1.00	U
110-75-8 2-Chloroethyl vinyl ether ND 0.500 1.00 U 10061-01-5 cis-1,3-Dichloropropene ND 0.500 1.00 U 108-88-3 Toluene 2.21 0.500 1.00 U 10061-02-6 trans-1,3-Dichloropropene ND 0.500 1.00 U 79-00-5 1,1,2-Trichloroethane ND 0.500 1.00 U 108-10-1 4-Methyl-2-pentanone ND 0.500 1.00 U 106-93-4 1,2-Dibromoethane ND 0.500 1.00 U 591-78-6 2-Hexanone ND 0.500 1.00 U 142-28-9 1,3-Dichloropropane ND 0.500 1.00 U 127-18-4 Tetrachloroethene ND 0.500 1.00 U 100-41-4 Ethylbenzene 6.06 0.500 1.00 U 108-90-7 Chlorobenzene ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylene	75-27-4	Bromodichloromethane	ND	0.500	1.00	U
10061-01-5 cis-1,3-Dichloropropene ND 0.500 1.00 U 108-88-3 Toluene 2.21 0.500 1.00 U 10061-02-6 trans-1,3-Dichloropropene ND 0.500 1.00 U 79-00-5 1,1,2-Trichloroethane ND 0.500 1.00 U 108-10-1 4-Methyl-2-pentanone ND 0.500 1.00 U 106-93-4 1,2-Dibromoethane ND 0.500 1.00 U 591-78-6 2-Hexanone ND 0.500 1.00 U 142-28-9 1,3-Dichloropropane ND 0.500 1.00 U 127-18-4 Tetrachloroethene ND 0.500 1.00 U 124-48-1 Dibromochloromethane ND 0.500 1.00 U 108-90-7 Chlorobenzene ND 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-	74-95-3	Dibromomethane	ND	0.500	1.00	U
108-88-3 Toluene 2.21 0.500 1.00 10061-02-6 trans-1,3-Dichloropropene ND 0.500 1.00 U 79-00-5 1,1,2-Trichloroethane ND 0.500 1.00 U 108-10-1 4-Methyl-2-pentanone ND 0.500 1.00 U 106-93-4 1,2-Dibromoethane ND 0.500 1.00 U 591-78-6 2-Hexanone ND 0.500 1.00 U 142-28-9 1,3-Dichloropropane ND 0.500 1.00 U 127-18-4 Tetrachloroethene ND 0.500 1.00 U 124-48-1 Dibromochloromethane ND 0.500 1.00 U 100-41-4 Ethylbenzene 6.06 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 U 100-42-5 Styrene ND	110-75-8	2-Chloroethyl vinyl ether	ND	0.500	1.00	U
10061-02-6 trans-1,3-Dichloropropene ND 0.500 1.00 U 79-00-5 1,1,2-Trichloroethane ND 0.500 1.00 U 108-10-1 4-Methyl-2-pentanone ND 0.500 1.00 U 106-93-4 1,2-Dibromoethane ND 0.500 1.00 U 591-78-6 2-Hexanone ND 0.500 1.00 U 142-28-9 1,3-Dichloropropane ND 0.500 1.00 U 127-18-4 Tetrachloroethane ND 0.500 1.00 U 124-48-1 Dibromochloromethane ND 0.500 1.00 U 100-41-4 Ethylbenzene 6.06 0.500 1.00 U 108-90-7 Chlorobenzene ND 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 95-47-6 0-Xylene 2.44 1.00 2.00 U 75-25-2 Bromoform <	10061-01-5	cis-1,3-Dichloropropene	ND	0.500	1.00	U
79-00-5 1,1,2-Trichloroethane ND 0.500 1.00 U 108-10-1 4-Methyl-2-pentanone ND 0.500 1.00 U 106-93-4 1,2-Dibromoethane ND 0.500 1.00 U 591-78-6 2-Hexanone ND 0.500 1.00 U 142-28-9 1,3-Dichloropropane ND 0.500 1.00 U 127-18-4 Tetrachloroethene ND 0.500 1.00 U 124-48-1 Dibromochloromethane ND 0.500 1.00 U 100-41-4 Ethylbenzene 6.06 0.500 1.00 U 108-90-7 Chlorobenzene ND 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 U 95-47-6 o-Xylene ND 0.500 1.00 U 75-25-2 Bromoform ND <td>108-88-3</td> <td>Toluene</td> <td>2.21</td> <td>0.500</td> <td>1.00</td> <td></td>	108-88-3	Toluene	2.21	0.500	1.00	
108-10-1 4-Methyl-2-pentanone ND 0.500 1.00 U 106-93-4 1,2-Dibromoethane ND 0.500 1.00 U 591-78-6 2-Hexanone ND 0.500 1.00 U 142-28-9 1,3-Dichloropropane ND 0.500 1.00 U 127-18-4 Tetrachloroethene ND 0.500 1.00 U 124-48-1 Dibromochloromethane ND 0.500 1.00 U 100-41-4 Ethylbenzene 6.06 0.500 1.00 U 108-90-7 Chlorobenzene ND 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 U 95-47-6 o-Xylene 2.44 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane	10061-02-6	trans-1,3-Dichloropropene	ND	0.500	1.00	U
106-93-4 1,2-Dibromoethane ND 0.500 1.00 U 591-78-6 2-Hexanone ND 0.500 1.00 U 142-28-9 1,3-Dichloropropane ND 0.500 1.00 U 127-18-4 Tetrachloroethene ND 0.500 1.00 U 124-48-1 Dibromochloromethane ND 0.500 1.00 U 100-41-4 Ethylbenzene 6.06 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 U 95-47-6 o-Xylene 2.44 1.00 2.00 U 100-42-5 Styrene ND 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	79-00-5	1,1,2-Trichloroethane	ND	0.500	1.00	U
591-78-6 2-Hexanone ND 0.500 1.00 U 142-28-9 1,3-Dichloropropane ND 0.500 1.00 U 127-18-4 Tetrachloroethene ND 0.500 1.00 U 124-48-1 Dibromochloromethane ND 0.500 1.00 U 100-41-4 Ethylbenzene 6.06 0.500 1.00 U 108-90-7 Chlorobenzene ND 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 U 95-47-6 o-Xylene 2.44 1.00 2.00 U 100-42-5 Styrene ND 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 U 79-34-5 1,1,2,2-Tetrachloroethane ND	108-10-1	4-Methyl-2-pentanone	ND	0.500	1.00	U
142-28-9 1,3-Dichloropropane ND 0.500 1.00 U 127-18-4 Tetrachloroethene ND 0.500 1.00 U 124-48-1 Dibromochloromethane ND 0.500 1.00 U 100-41-4 Ethylbenzene 6.06 0.500 1.00 U 108-90-7 Chlorobenzene ND 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 95-47-6 o-Xylene 2.44 1.00 2.00 U 100-42-5 Styrene ND 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	106-93-4	1,2-Dibromoethane	ND	0.500	1.00	U
127-18-4 Tetrachloroethene ND 0.500 1.00 U 124-48-1 Dibromochloromethane ND 0.500 1.00 U 100-41-4 Ethylbenzene 6.06 0.500 1.00 U 108-90-7 Chlorobenzene ND 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 95-47-6 o-Xylene 2.44 1.00 2.00 U 100-42-5 Styrene ND 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	591-78-6	2-Hexanone	ND	0.500	1.00	U
124-48-1 Dibromochloromethane ND 0.500 1.00 U 100-41-4 Ethylbenzene 6.06 0.500 1.00 U 108-90-7 Chlorobenzene ND 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 95-47-6 o-Xylene 2.44 1.00 2.00 U 100-42-5 Styrene ND 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	142-28-9	1,3-Dichloropropane	ND	0.500	1.00	U
100-41-4 Ethylbenzene 6.06 0.500 1.00 108-90-7 Chlorobenzene ND 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 Control 2.44 1.00 2.00 U 95-47-6 O-Xylene ND 1.00 2.00 U 100-42-5 Styrene ND 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	127-18-4	Tetrachloroethene	ND	0.500	1.00	U
108-90-7 Chlorobenzene ND 0.500 1.00 U 630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 95-47-6 o-Xylene 2.44 1.00 2.00 100-42-5 Styrene ND 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	124-48-1	Dibromochloromethane	ND	0.500	1.00	U
630-20-6 1,1,1,2-Tetrachloroethane ND 0.500 1.00 U 108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 95-47-6 o-Xylene 2.44 1.00 2.00 100-42-5 Styrene ND 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	100-41-4	Ethylbenzene	6.06	0.500	1.00	
108-38-3/106-42 m,p-Xylenes 8.25 1.00 2.00 95-47-6 o-Xylene 2.44 1.00 2.00 100-42-5 Styrene ND 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	108-90-7	Chlorobenzene	ND	0.500	1.00	U
95-47-6 o-Xylene 2.44 1.00 2.00 100-42-5 Styrene ND 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	630-20-6	1,1,1,2-Tetrachloroethane	ND	0.500	1.00	U
100-42-5 Styrene ND 1.00 2.00 U 75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	108-38-3/106-42	m,p-Xylenes	8.25	1.00	2.00	
75-25-2 Bromoform ND 0.500 1.00 U 98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	95-47-6	o-Xylene	2.44	1.00	2.00	
98-82-8 Isopropylbenzene 170 0.500 1.00 E 79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	100-42-5	Styrene	ND	1.00	2.00	U
79-34-5 1,1,2,2-Tetrachloroethane ND 0.500 1.00 U 96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	75-25-2	Bromoform	ND	0.500	1.00	U
96-18-4 1,2,3-Trichloropropane ND 0.500 1.00 U	98-82-8	Isopropylbenzene	170	0.500	1.00	Е
	79-34-5	1,1,2,2-Tetrachloroethane	ND	0.500	1.00	U
103-65-1 n-Propyl Benzene 383 0.500 1.00 E	96-18-4	1,2,3-Trichloropropane	ND	0.500	1.00	U
	103-65-1	n-Propyl Benzene	383	0.500	1.00	Е
108-86-1 Bromobenzene ND 0.500 1.00 U	108-86-1	Bromobenzene	ND	0.500	1.00	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2 Lab Sample ID: 1500778-11

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Prep Date: 05/19/15 14:26 Matrix: Ground Water

Percent Solids: Prep Method: EPA 5030B File ID: M16226.D

Prep Batch: B5E1913 Sequence: S5E1909 Analyzed: 05/19/15 14:26

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	0.740	0.500	1.00	J
95-49-8	2-Chlorotoluene	ND	0.500	1.00	U
106-43-4	4-Chlorotoluene	ND	0.500	1.00	U
98-06-6	tert-Butylbenzene	1.12	0.500	1.00	
95-63-6	1,2,4-Trimethylbenzene	2.14	0.500	1.00	
135-98-8	sec-Butylbenzene	37.2	0.500	1.00	
99-87-6	p-Isopropyltoluene	0.610	0.500	1.00	J
541-73-1	1,3-Dichlorobenzene	ND	0.500	1.00	U
106-46-7	1,4-Dichlorobenzene	ND	0.500	1.00	U
104-51-8	n-Butyl Benzene	43.8	0.500	1.00	
95-50-1	1,2-Dichlorobenzene	ND	0.500	1.00	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.500	1.00	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.500	1.00	U
87-68-3	Hexachlorobutadiene	ND	0.500	1.00	U
87-61-6	1,2,3-Trichlorobenzene	ND	0.500	1.00	U

<u>Surrogate</u>	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	92%	70-130
Toluene-d8	103%	70-130
Bromofluorobenzene	103%	70-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2

Lab Sample ID: 1500778-11RE1
Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Prep Date: 05/19/15 15:09 Matrix: Ground Water

Percent Solids: Prep Method: EPA 5030B File ID: M16227.D

Prep Batch: B5E1913 Sequence: S5E1909 Analyzed: 05/19/15 15:09

107-02-8 Acrolein ND 120 200 107-13-1 Acrylonitrile ND 40.0 200 67-64-1 Acetone ND 20.0 20.0 75-71-8 Dichlorodifluoromethane ND 20.0 20.0 74-87-3 Chloromethane ND 20.0 20.0 75-01-4 Vinyl chloride ND 20.0 20.0 74-83-9 Bromomethane ND 20.0 20.0 75-00-3 Chloroethane ND 20.0 20.0 75-69-4 Trichlorofluoromethane ND 20.0 20.0 75-35-4 1,1-Dichloroethene ND 8.00 20.0 75-15-0 Carbon disulfide ND 8.00 20.0	U U U U U
67-64-1 Acetone ND 20.0 20.0 75-71-8 Dichlorodifluoromethane ND 20.0 20.0 74-87-3 Chloromethane ND 20.0 20.0 75-01-4 Vinyl chloride ND 20.0 20.0 74-83-9 Bromomethane ND 20.0 20.0 75-00-3 Chloroethane ND 20.0 20.0 75-69-4 Trichlorofluoromethane ND 20.0 20.0 75-35-4 1,1-Dichloroethene ND 8.00 20.0 75-15-0 Carbon disulfide ND 8.00 20.0	U U U
75-71-8 Dichlorodifluoromethane ND 20.0 20.0 74-87-3 Chloromethane ND 20.0 20.0 75-01-4 Vinyl chloride ND 20.0 20.0 74-83-9 Bromomethane ND 20.0 20.0 75-00-3 Chloroethane ND 20.0 20.0 75-69-4 Trichlorofluoromethane ND 20.0 20.0 75-35-4 1,1-Dichloroethene ND 8.00 20.0 75-15-0 Carbon disulfide ND 8.00 20.0	U U
74-87-3 Chloromethane ND 20.0 20.0 75-01-4 Vinyl chloride ND 20.0 20.0 74-83-9 Bromomethane ND 20.0 20.0 75-00-3 Chloroethane ND 20.0 20.0 75-69-4 Trichlorofluoromethane ND 20.0 20.0 75-35-4 1,1-Dichloroethene ND 8.00 20.0 75-15-0 Carbon disulfide ND 8.00 20.0	U
75-01-4 Vinyl chloride ND 20.0 20.0 74-83-9 Bromomethane ND 20.0 20.0 75-00-3 Chloroethane ND 20.0 20.0 75-69-4 Trichlorofluoromethane ND 20.0 20.0 75-35-4 1,1-Dichloroethene ND 8.00 20.0 75-15-0 Carbon disulfide ND 8.00 20.0	
74-83-9 Bromomethane ND 20.0 20.0 75-00-3 Chloroethane ND 20.0 20.0 75-69-4 Trichlorofluoromethane ND 20.0 20.0 75-35-4 1,1-Dichloroethene ND 8.00 20.0 75-15-0 Carbon disulfide ND 8.00 20.0	U
75-00-3 Chloroethane ND 20.0 20.0 75-69-4 Trichlorofluoromethane ND 20.0 20.0 75-35-4 1,1-Dichloroethene ND 8.00 20.0 75-15-0 Carbon disulfide ND 8.00 20.0	
75-69-4 Trichlorofluoromethane ND 20.0 20.0 75-35-4 1,1-Dichloroethene ND 8.00 20.0 75-15-0 Carbon disulfide ND 8.00 20.0	U
75-35-4 1,1-Dichloroethene ND 8.00 20.0 75-15-0 Carbon disulfide ND 8.00 20.0	U
75-15-0 Carbon disulfide ND 8.00 20.0	U
	U
	U
75-09-2 Methylene Chloride ND 8.00 20.0	U
156-60-5 trans-1,2-Dichloroethene ND 8.00 20.0	U
75-34-3 1,1-Dichloroethane ND 8.00 20.0	U
108-05-4 Vinyl acetate ND 8.00 20.0	U
590-20-7 2,2-Dichloropropane ND 8.00 20.0	U
78-93-3 2-Butanone ND 10.0 20.0	U
156-59-4 cis-1,2-Dichloroethene ND 10.0 20.0	U
67-66-3 Chloroform ND 10.0 20.0	U
74-97-5 Bromochloromethane ND 10.0 20.0	U
71-55-6 1,1,1-Trichloroethane ND 10.0 20.0	U
563-58-6 1,1-Dichloropropene ND 10.0 20.0	U
56-23-5 Carbon Tetrachloride ND 10.0 20.0	U
107-06-2 1,2-Dichloroethane ND 10.0 20.0	U
71-43-2 Benzene ND 10.0 20.0	U
79-01-6 Trichloroethene ND 10.0 20.0	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2

Lab Sample ID: 1500778-11RE1
Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Prep Date: 05/19/15 15:09 Matrix: Ground Water

Percent Solids: Prep Method: EPA 5030B File ID: M16227.D

Prep Batch: B5E1913 Sequence: S5E1909 Analyzed: 05/19/15 15:09

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
78-87-5	1,2-Dichloropropane	ND	10.0	20.0	U
75-27-4	Bromodichloromethane	ND	10.0	20.0	U
74-95-3	Dibromomethane	ND	10.0	20.0	U
110-75-8	2-Chloroethyl vinyl ether	ND	10.0	20.0	U
10061-01-5	cis-1,3-Dichloropropene	ND	10.0	20.0	U
108-88-3	Toluene	ND	10.0	20.0	U
10061-02-6	trans-1,3-Dichloropropene	ND	10.0	20.0	U
79-00-5	1,1,2-Trichloroethane	ND	10.0	20.0	U
108-10-1	4-Methyl-2-pentanone	ND	10.0	20.0	U
106-93-4	1,2-Dibromoethane	ND	10.0	20.0	U
591-78-6	2-Hexanone	ND	10.0	20.0	U
142-28-9	1,3-Dichloropropane	ND	10.0	20.0	U
127-18-4	Tetrachloroethene	ND	10.0	20.0	U
124-48-1	Dibromochloromethane	ND	10.0	20.0	U
100-41-4	Ethylbenzene	ND	10.0	20.0	U
108-90-7	Chlorobenzene	ND	10.0	20.0	U
630-20-6	1,1,1,2-Tetrachloroethane	ND	10.0	20.0	U
108-38-3/106-42	m,p-Xylenes	ND	20.0	40.0	U
95-47-6	o-Xylene	ND	20.0	40.0	U
100-42-5	Styrene	ND	20.0	40.0	U
75-25-2	Bromoform	ND	10.0	20.0	U
98-82-8	Isopropylbenzene	163	10.0	20.0	D
79-34-5	1,1,2,2-Tetrachloroethane	ND	10.0	20.0	U
96-18-4	1,2,3-Trichloropropane	ND	10.0	20.0	U
103-65-1	n-Propyl Benzene	391	10.0	20.0	D
108-86-1	Bromobenzene	ND	10.0	20.0	U



EPA 8260

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2

Lab Sample ID: 1500778-11RE1
Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Prep Date: 05/19/15 15:09 Matrix: Ground Water

Percent Solids: Prep Method: EPA 5030B File ID: M16227.D

Prep Batch: B5E1913 Sequence: S5E1909 Analyzed: 05/19/15 15:09

CAS NO.	COMPOUND	CONC. (ug/L)	MDL	RL	Q
108-67-8	1,3,5-Trimethylbenzene	ND	10.0	20.0	U
95-49-8	2-Chlorotoluene	ND	10.0	20.0	U
106-43-4	4-Chlorotoluene	ND	10.0	20.0	U
98-06-6	tert-Butylbenzene	ND	10.0	20.0	U
95-63-6	1,2,4-Trimethylbenzene	ND	10.0	20.0	U
135-98-8	sec-Butylbenzene	ND	10.0	20.0	U
99-87-6	p-Isopropyltoluene	ND	10.0	20.0	U
541-73-1	1,3-Dichlorobenzene	ND	10.0	20.0	U
106-46-7	1,4-Dichlorobenzene	ND	10.0	20.0	U
104-51-8	n-Butyl Benzene	ND	10.0	20.0	U
95-50-1	1,2-Dichlorobenzene	ND	10.0	20.0	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	10.0	20.0	U
120-82-1	1,2,4-Trichlorobenzene	ND	10.0	20.0	U
87-68-3	Hexachlorobutadiene	ND	10.0	20.0	U
87-61-6	1,2,3-Trichlorobenzene	ND	10.0	20.0	U

<u>Surrogate</u>	% Recovery	Recovery Limits
1,2-Dichloroethane-d4	97%	70-130
Toluene-d8	100%	70-130
Bromofluorobenzene	102%	70-130

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



METALS



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Matrix: Soil

Percent Solids: 86.00 File ID: 051815B-030

		Concentration						Prep		
CAS NO.	Analyte	(mg/kg dry)	MDL	RL	DF	Q	Prepared	Method	Analyzed By	Method
7429-90-5	Aluminum	5170	23.3	23.3	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7439-97-6	Mercury	1.06	0.0872	0.0872	1		05/21/15 07:48	EPA 7471A	05/21/15 11:27 PRT	EPA 7471
7440-36-0	Antimony	ND	4.65	4.65	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-38-2	Arsenic	10.8	1.16	1.16	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-39-3	Barium	189	23.3	23.3	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.581	0.581	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-43-9	Cadmium	1.11	0.581	0.581	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-70-2	Calcium	8350	29.1	29.1	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-47-3	Chromium	16.1	2.33	2.33	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-48-4	Cobalt	7.20	5.81	5.81	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-50-8	Copper	182	3.49	3.49	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7439-89-6	Iron	25100	29.1	29.1	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7439-92-1	Lead	887	1.16	1.16	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7439-95-4	Magnesium	3260	58.1	58.1	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7439-96-5	Manganese	341	2.33	2.33	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-02-0	Nickel	19.5	4.65	4.65	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-09-7	Potassium	760	58.1	58.1	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7782-49-2	Selenium	ND	4.65	4.65	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-22-4	Silver	ND	0.581	0.581	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-23-5	Sodium	77.3	58.1	58.1	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-28-0	Thallium	ND	1.74	3.49	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-62-2	Vanadium	25.1	5.81	5.81	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010
7440-66-6	Zinc	403	6.98	6.98	1		05/15/15 13:37	EPA 3050B	05/18/15 17:42 LIT	EPA 6010

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2

Lab Sample ID: 1500778-02

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:15 Matrix: Soil

Percent Solids: 88.20 File ID: 051815B-031

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	6390	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7439-97-6	Mercury	0.199	0.0850	0.0850	1		05/21/15 07:48	EPA 7471A	05/21/15 11:29 PRT	EPA 7471
7440-36-0	Antimony	ND	4.54	4.54	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-38-2	Arsenic	5.19	1.13	1.13	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-39-3	Barium	79.0	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.567	0.567	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-43-9	Cadmium	1.18	0.567	0.567	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-70-2	Calcium	8070	28.3	28.3	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-47-3	Chromium	16.9	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-48-4	Cobalt	10.2	5.67	5.67	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-50-8	Copper	118	3.40	3.40	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7439-89-6	Iron	31500	709	709	25	D	05/15/15 13:37	EPA 3050B	05/18/15 19:18 LIT	EPA 6010
7439-92-1	Lead	152	1.13	1.13	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7439-95-4	Magnesium	5230	56.7	56.7	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7439-96-5	Manganese	358	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-02-0	Nickel	14.9	4.54	4.54	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-09-7	Potassium	2130	56.7	56.7	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7782-49-2	Selenium	ND	4.54	4.54	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-22-4	Silver	ND	0.567	0.567	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-23-5	Sodium	164	56.7	56.7	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-28-0	Thallium	ND	1.70	3.40	1	U	05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-62-2	Vanadium	36.8	5.67	5.67	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010
7440-66-6	Zinc	350	6.80	6.80	1		05/15/15 13:37	EPA 3050B	05/18/15 17:47 LIT	EPA 6010

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Soil

Matrix:

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-3

Lab Sample ID: 1500778-03

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:50

Percent Solids: 72.80 File ID: 051815B-034

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	-	7350	27.5	27.5	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
	Aluminum				-					
7439-97-6	Mercury	ND	0.103	0.103	1	U	05/21/15 07:48	EPA 7471A	05/21/15 11:31 PRT	EPA 7471
7440-36-0	Antimony	ND	5.49	5.49	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-38-2	Arsenic	3.36	1.37	1.37	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-39-3	Barium	43.7	27.5	27.5	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.687	0.687	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-43-9	Cadmium	ND	0.687	0.687	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-70-2	Calcium	5600	34.3	34.3	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-47-3	Chromium	10.0	2.75	2.75	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-48-4	Cobalt	ND	6.87	6.87	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-50-8	Copper	29.8	4.12	4.12	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7439-89-6	Iron	24100	34.3	34.3	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7439-92-1	Lead	56.1	1.37	1.37	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7439-95-4	Magnesium	2730	68.7	68.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7439-96-5	Manganese	295	2.75	2.75	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-02-0	Nickel	8.06	5.49	5.49	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-09-7	Potassium	984	68.7	68.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7782-49-2	Selenium	ND	5.49	5.49	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-22-4	Silver	ND	0.687	0.687	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-23-5	Sodium	116	68.7	68.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-28-0	Thallium	ND	2.06	4.12	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-62-2	Vanadium	22.4	6.87	6.87	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010
7440-66-6	Zinc	57.7	8.24	8.24	1		05/15/15 13:37	EPA 3050B	05/18/15 18:01 LIT	EPA 6010

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4

Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00 Matrix: Soil

Percent Solids: 85.10 File ID: 051815B-035

7439-97-6 Mercury 0.886 0.0881 0.0881 1 0.521/15 07:48 EPA 7471A 05/21/15 11:33 PRT EPA 7471 7440-36-0 Antimony 12.1 4.70 4.70 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-38-2 Arsenic 6.62 1.18 1.18 1. 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-39-3 Barium 108 23.5 23.5 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-41-7 Beryllium ND 0.588 0.588 1 U 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-43-9 Cadmium 0.647 0.588 0.588 1 U 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-43-9 Calcium 14300 29.4 29.4 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-47-3 Chromium 16.6 2.35 2.35 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-48-4 Cobalt 9.01 5.88 5.88 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-50-8 Copper 182 3.53 3.53 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-89-6 Iron 19700 29.4 29.4 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-92-1 Lead 535 1.18 1.18 1.1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-95-4 Magnesium 9750 58.8 58.8 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium 1180 58.8 58.8 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-5 Sodium 87.4 58.8 58.8 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-5 Sodium 87.4 58.8 58.8 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-6 Thallium ND 1.76 3.53 1 U 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-7 Valadium 22.7 5.88 5.88 5.88 1 0.5/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010	CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7440-36-0 Antimony 12.1 4.70 4.70 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-38-2 Arsenic 6.62 1.18 1.18 1.18 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-39-3 Barium 108 23.5 23.5 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-41-7 Beryllium ND 0.588 0.588 1 U 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-43-9 Cadmium 0.647 0.588 0.588 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-43-9 Cadmium 14300 29.4 29.4 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-47-3 Chromium 16.6 2.35 2.35 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-48-4 Cobalt 9.01 5.88 5.88 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-48-4 Cobalt 9.01 5.88 5.88 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-89-6 Iron 19700 29.4 29.4 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-89-6 Iron 19700 29.4 29.4 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-95-4 Magnesium 9750 58.8 58.8 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-96-5 Manganese 415 2.35 2.35 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-4 Silver ND 0.588 0.588 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-5 Sodium 87.4 58.8 58.8 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-5 Sodium 87.4 58.8 58.8 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-5 Sodium 87.4 58.8 58.8 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-5 Sodium 87.4 58.8 58.8 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-5 Sodium 87.4 58.8 58.8 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-5 Sodium 87.4 58.8 58.8 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-5 Sodium 87.4 58.8 58.8 1 05/15/15 13.37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-5 Sodium 87.4	7429-90-5	Aluminum	8460	23.5	23.5	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-38-2 Arsenic 6.62 1.18 1.18 1.1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-39-3 Barium 108 23.5 23.5 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-41-7 Beryllium ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-43-9 Cadmium 0.647 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-43-9 Cadmium 14300 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-47-3 Chromium 16.6 2.35 2.35 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-48-4 Cobalt 9.01 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-50-8 Copper 182 3.53 3.53 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-89-6 Iron 19700 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-92-1 Lead 535 1.18 1.18 1.18 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-95-4 Magnesium 9750 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium 1180 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium ND 4.70 4.70 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-23-5 Sodium 87.4 58.8 58.8 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 58.8 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6	7439-97-6	Mercury	0.886	0.0881	0.0881	1		05/21/15 07:48	EPA 7471A	05/21/15 11:33 PRT	EPA 7471
7440-39-3 Barium 108 23.5 23.5 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-41-7 Beryllium ND 0.588 0.588 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-43-9 Cadmium 0.647 0.588 0.588 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-70-2 Calcium 14300 29.4 29.4 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-47-3 Chromium 16.6 2.35 2.35 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-48-4 Cobalt 9.01 5.88 5.88 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-8-4 Cobalt 9.01 5.88 5.88 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7439-89-6 Iron 19700 29.4 29.4 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7439-92-1 Lead 535 1.18 1.18 1.18 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7439-95-4 Magnesium 9750 58.8 58.8 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium 1180 58.8 58.8 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium 1180 58.8 58.8 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium ND 4.70 4.70 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-23-5 Sodium ND 1.76 3.53 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 7440-28-0 Thallium ND 1.76 3.53 1 05/15/15 13:37 EPA 30508 05/18/15 18:06 LIT EPA 6010 6010 FPA 6010 FPA 6010 6	7440-36-0	Antimony	12.1	4.70	4.70	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-41-7 Beryllium ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-43-9 Cadmium 0.647 0.588 0.588 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-70-2 Calcium 14300 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-47-3 Chromium 16.6 2.35 2.35 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-48-4 Cobalt 9.01 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7449-8-8 Copper 182 3.53 3.53 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-89-6 Iron 19700 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-92-1 Lead 535	7440-38-2	Arsenic	6.62	1.18	1.18	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-43-9 Cadmium 0.647 0.588 0.588 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-70-2 Calcium 14300 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-47-3 Chromium 16.6 2.35 2.35 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-48-4 Cobalt 9.01 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-50-8 Copper 182 3.53 3.53 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-89-6 Iron 19700 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-92-1 Lead 535 1.18 1.18 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-95-4 Magnesium 9750 58.8	7440-39-3	Barium	108	23.5	23.5	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-70-2 Calcium 14300 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-47-3 Chromium 16.6 2.35 2.35 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-48-4 Cobalt 9.01 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-50-8 Copper 182 3.53 3.53 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-89-6 Iron 19700 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-92-1 Lead 535 1.18 1.18 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-95-4 Magnesium 9750 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70	7440-41-7	Beryllium	ND	0.588	0.588	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-47-3 Chromium 16.6 2.35 2.35 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-48-4 Cobalt 9.01 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-50-8 Copper 182 3.53 3.53 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-89-6 Iron 19700 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-92-1 Lead 535 1.18 1.18 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-95-4 Magnesium 9750 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7782-49-2 Selenium ND 4.70	7440-43-9	Cadmium	0.647	0.588	0.588	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-48-4 Cobalt 9.01 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-50-8 Copper 182 3.53 3.53 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-89-6 Iron 19700 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-92-1 Lead 535 1.18 1.18 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-95-4 Magnesium 9750 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-96-5 Manganese 415 2.35 2.35 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 782-49-2 Selenium ND 4.70 <	7440-70-2	Calcium	14300	29.4	29.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-50-8 Copper 182 3.53 3.53 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-89-6 Iron 19700 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-92-1 Lead 535 1.18 1.18 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-95-4 Magnesium 9750 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-96-5 Manganese 415 2.35 2.35 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium 1180 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588	7440-47-3	Chromium	16.6	2.35	2.35	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7439-89-6 Iron 19700 29.4 29.4 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-92-1 Lead 535 1.18 1.18 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-95-4 Magnesium 9750 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-96-5 Manganese 415 2.35 2.35 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium 1180 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7782-49-2 Selenium ND 4.70 4.70 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-23-5 Sodium 87.4 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-28-0 Thallium ND 1.76 3.53 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2	7440-48-4	Cobalt	9.01	5.88	5.88	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7439-92-1 Lead 535 1.18 1.18 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-95-4 Magnesium 9750 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-96-5 Manganese 415 2.35 2.35 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium 1180 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7782-49-2 Selenium ND 4.70 4.70 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-23-5 Sodium 87.4 58.8	7440-50-8	Copper	182	3.53	3.53	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7439-95-4 Magnesium 9750 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7439-96-5 Manganese 415 2.35 2.35 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium 1180 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7782-49-2 Selenium ND 4.70 4.70 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-23-5 Sodium 87.4 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-28-0 Thallium ND 1.76 </td <td>7439-89-6</td> <td>Iron</td> <td>19700</td> <td>29.4</td> <td>29.4</td> <td>1</td> <td></td> <td>05/15/15 13:37</td> <td>EPA 3050B</td> <td>05/18/15 18:06 LIT</td> <td>EPA 6010</td>	7439-89-6	Iron	19700	29.4	29.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7439-96-5 Manganese 415 2.35 2.35 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium 1180 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7782-49-2 Selenium ND 4.70 4.70 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-23-5 Sodium 87.4 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-28-0 Thallium ND 1.76 3.53 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 74	7439-92-1	Lead	535	1.18	1.18	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-02-0 Nickel 15.2 4.70 4.70 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-09-7 Potassium 1180 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7782-49-2 Selenium ND 4.70 4.70 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-23-5 Sodium 87.4 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-28-0 Thallium ND 1.76 3.53 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010	7439-95-4	Magnesium	9750	58.8	58.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-09-7 Potassium 1180 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7782-49-2 Selenium ND 4.70 4.70 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-23-5 Sodium 87.4 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-28-0 Thallium ND 1.76 3.53 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010	7439-96-5	Manganese	415	2.35	2.35	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7782-49-2 Selenium ND 4.70 4.70 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-23-5 Sodium 87.4 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-28-0 Thallium ND 1.76 3.53 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010	7440-02-0	Nickel	15.2	4.70	4.70	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-22-4 Silver ND 0.588 0.588 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-23-5 Sodium 87.4 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-28-0 Thallium ND 1.76 3.53 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010	7440-09-7	Potassium	1180	58.8	58.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-23-5 Sodium 87.4 58.8 58.8 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-28-0 Thallium ND 1.76 3.53 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010	7782-49-2	Selenium	ND	4.70	4.70	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-28-0 Thallium ND 1.76 3.53 1 U 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010 7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010	7440-22-4	Silver	ND	0.588	0.588	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-62-2 Vanadium 22.7 5.88 5.88 1 05/15/15 13:37 EPA 3050B 05/18/15 18:06 LIT EPA 6010	7440-23-5	Sodium	87.4	58.8	58.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
- Valuation - Control - Co	7440-28-0	Thallium	ND	1.76	3.53	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440 CC C 7ino 422 7.05 1 06/45/15/27 EDA 2050D 05/49/45 19:05/17 EDA 2010	7440-62-2	Vanadium	22.7	5.88	5.88	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010
7440-00-0 ZIIIC 433 7.05 7.05 I 05/15/15 15.57 EPA 5050B 05/18/15 18:06 EII EPA 6010	7440-66-6	Zinc	433	7.05	7.05	1		05/15/15 13:37	EPA 3050B	05/18/15 18:06 LIT	EPA 6010

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5

Lab Sample ID: 1500778-05

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Matrix: Soil

Percent Solids: 88.00 File ID: 051815B-036

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	5860	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7439-97-6	Mercury	2.62	0.0852	0.0852	1		05/21/15 07:48	EPA 7471A	05/21/15 11:36 PRT	EPA 7471
7440-36-0	Antimony	ND	4.55	4.55	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-38-2	Arsenic	7.70	1.14	1.14	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-39-3	Barium	124	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.568	0.568	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-43-9	Cadmium	ND	0.568	0.568	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-70-2	Calcium	26600	28.4	28.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-47-3	Chromium	13.2	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-48-4	Cobalt	7.36	5.68	5.68	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-50-8	Copper	104	3.41	3.41	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7439-89-6	Iron	16600	28.4	28.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7439-92-1	Lead	659	1.14	1.14	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7439-95-4	Magnesium	9070	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7439-96-5	Manganese	290	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-02-0	Nickel	16.2	4.55	4.55	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-09-7	Potassium	1080	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7782-49-2	Selenium	ND	4.55	4.55	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-22-4	Silver	ND	0.568	0.568	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-23-5	Sodium	167	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-28-0	Thallium	ND	1.70	3.41	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-62-2	Vanadium	18.6	5.68	5.68	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010
7440-66-6	Zinc	289	6.82	6.82	1		05/15/15 13:37	EPA 3050B	05/18/15 18:11 LIT	EPA 6010

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Soil

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-6

Lab Sample ID: 1500778-06

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:20 Matrix:

Percent Solids: 88.00 File ID: 051815B-037

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	6870	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7439-97-6	Mercury	0.815	0.0852	0.0852	1		05/21/15 07:48	EPA 7471A	05/21/15 11:44 PRT	EPA 7471
7440-36-0	Antimony	ND	4.55	4.55	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-38-2	Arsenic	7.96	1.14	1.14	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-39-3	Barium	461	22.7	22.7	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.568	0.568	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-43-9	Cadmium	1.13	0.568	0.568	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-70-2	Calcium	51700	710	710	25	D	05/15/15 13:37	EPA 3050B	05/18/15 19:38 LIT	EPA 6010
7440-47-3	Chromium	30.2	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-48-4	Cobalt	7.01	5.68	5.68	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-50-8	Copper	47.1	3.41	3.41	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7439-89-6	Iron	15300	28.4	28.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7439-92-1	Lead	675	1.14	1.14	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7439-95-4	Magnesium	15400	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7439-96-5	Manganese	309	2.27	2.27	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-02-0	Nickel	20.2	4.55	4.55	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-09-7	Potassium	2000	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7782-49-2	Selenium	ND	4.55	4.55	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-22-4	Silver	ND	0.568	0.568	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-23-5	Sodium	248	56.8	56.8	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-28-0	Thallium	ND	1.70	3.41	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-62-2	Vanadium	27.4	5.68	5.68	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010
7440-66-6	Zinc	627	6.82	6.82	1		05/15/15 13:37	EPA 3050B	05/18/15 18:17 LIT	EPA 6010

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Soil

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-9

Lab Sample ID: 1500778-09

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:27 Matrix:

Percent Solids: 85.30 File ID: 051815B-038

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
							•		• •	
7429-90-5	Aluminum	8840	23.4	23.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7439-97-6	Mercury	ND	0.0879	0.0879	1	U	05/21/15 07:48	EPA 7471A	05/21/15 11:46 PRT	EPA 7471
7440-36-0	Antimony	ND	4.69	4.69	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-38-2	Arsenic	1.55	1.17	1.17	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-39-3	Barium	58.2	23.4	23.4	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.586	0.586	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-43-9	Cadmium	ND	0.586	0.586	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-70-2	Calcium	3870	29.3	29.3	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-47-3	Chromium	17.9	2.34	2.34	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-48-4	Cobalt	8.77	5.86	5.86	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-50-8	Copper	16.6	3.52	3.52	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7439-89-6	Iron	14700	29.3	29.3	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7439-92-1	Lead	6.01	1.17	1.17	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7439-95-4	Magnesium	6530	58.6	58.6	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7439-96-5	Manganese	293	2.34	2.34	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-02-0	Nickel	14.3	4.69	4.69	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-09-7	Potassium	1900	58.6	58.6	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7782-49-2	Selenium	ND	4.69	4.69	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-22-4	Silver	ND	0.586	0.586	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-23-5	Sodium	69.5	58.6	58.6	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-28-0	Thallium	ND	1.76	3.52	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-62-2	Vanadium	24.4	5.86	5.86	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010
7440-66-6	Zinc	44.7	7.03	7.03	1		05/15/15 13:37	EPA 3050B	05/18/15 18:22 LIT	EPA 6010

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-10 Lab Sample ID: 1500778-10

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:00 Matrix: Soil

Percent Solids: 83.30 File ID: 051815B-039

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	4600	24.0	24.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7439-97-6	Mercury	ND	0.0900	0.0900	1	U	05/21/15 07:48	EPA 7471A	05/21/15 11:48 PRT	EPA 7471
7440-36-0	Antimony	ND	4.80	4.80	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-38-2	Arsenic	ND	1.20	1.20	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-39-3	Barium	38.3	24.0	24.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-41-7	Beryllium	ND	0.600	0.600	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-43-9	Cadmium	ND	0.600	0.600	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-70-2	Calcium	21000	30.0	30.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-47-3	Chromium	10.3	2.40	2.40	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-48-4	Cobalt	ND	6.00	6.00	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-50-8	Copper	10.1	3.60	3.60	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7439-89-6	Iron	7760	30.0	30.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7439-92-1	Lead	18.5	1.20	1.20	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7439-95-4	Magnesium	12500	60.0	60.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7439-96-5	Manganese	179	2.40	2.40	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-02-0	Nickel	7.37	4.80	4.80	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-09-7	Potassium	958	60.0	60.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7782-49-2	Selenium	ND	4.80	4.80	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-22-4	Silver	ND	0.600	0.600	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-23-5	Sodium	78.0	60.0	60.0	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-28-0	Thallium	ND	1.80	3.60	1	U	05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-62-2	Vanadium	14.5	6.00	6.00	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010
7440-66-6	Zinc	33.2	7.20	7.20	1		05/15/15 13:37	EPA 3050B	05/18/15 18:27 LIT	EPA 6010

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Ground Water

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2 Lab Sample ID: 1500778-11

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Matrix:

Percent Solids: File ID: 051415B-012

CAS NO.	Analyte	Concentration (ug/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7429-90-5	Aluminum	ND	200	200	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7429-90-5		0.742	0.500	0.500	1	U	05/18/15 08:14	EPA 7470A	05/18/15 13:29 PRT	EPA 7470
	Mercury				-		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-36-0	Antimony	ND	5.00	5.00	1	U				
7440-38-2	Arsenic	5.07	3.00	3.00	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-39-3	Barium	57.8	20.0	20.0	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-41-7	Beryllium	ND	1.00	1.00	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-43-9	Cadmium	ND	4.00	4.00	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-70-2	Calcium	36900	1000	1000	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-47-3	Chromium	ND	10.0	10.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-48-4	Cobalt	ND	20.0	20.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-50-8	Copper	ND	8.00	8.00	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7439-89-6	Iron	12300	300	300	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7439-92-1	Lead	5.94	5.00	5.00	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7439-95-4	Magnesium	7900	1000	1000	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7439-96-5	Manganese	287	20.0	20.0	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-02-0	Nickel	ND	10.0	10.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-09-7	Potassium	6340	1000	1000	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7782-49-2	Selenium	ND	20.0	20.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-22-4	Silver	ND	4.00	4.00	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-23-5	Sodium	16800	1000	1000	1		05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-28-0	Thallium	ND	2.00	2.00	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-62-2	Vanadium	ND	20.0	20.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010
7440-66-6	Zinc	ND	25.0	25.0	1	U	05/14/15 10:01	EPA 3005A	05/14/15 16:12 LIT	EPA 6010

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



METALS DISSOLVED



Inorganics

Ground Water

Matrix:

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2 Lab Sample ID: 1500778-11

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40

Percent Solids: File ID: 051515A-018

		Concentration						Prep		
CAS NO.	Analyte	(ug/L)	MDL	RL	DF	Q	Prepared	Method	Analyzed By	Method
7439-89-6	Iron (diss)	11800	300	300	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7439-96-5	Manganese (diss)	269	20.0	20.0	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-02-0	Nickel (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-09-7	Potassium (diss)	5840	1000	1000	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-22-4	Silver (diss)	ND	5.00	5.00	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-23-5	Sodium (diss)	15800	1000	1000	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-36-0	Antimony (diss)	ND	5.00	5.00	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-38-2	Arsenic (diss)	4.52	3.00	3.00	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-39-3	Barium (diss)	56.8	20.0	20.0	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-41-7	Beryllium (diss)	ND	1.00	1.00	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-47-3	Chromium (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-48-4	Cobalt (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-62-2	Vanadium (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-70-2	Calcium (diss)	33800	1000	1000	1		05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7782-49-2	Selenium (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7440-28-0	Thallium (diss)	ND	2.00	2.00	1	U	05/14/15 14:07	EPA 3005A	05/15/15 13:28 LIT	EPA 6010
7429-90-5	Aluminum (diss)	ND	200	200	1	U	05/14/15 14:07	EPA 3005A	05/18/15 14:20 LIT	EPA 6010
7439-95-4	Magnesium (diss)	7110	1000	1000	1		05/14/15 14:07	EPA 3005A	05/18/15 14:20 LIT	EPA 6010
7440-50-8	Copper (diss)	ND	20.0	20.0	1	U	05/14/15 14:07	EPA 3005A	05/18/15 14:20 LIT	EPA 6010
7440-66-6	Zinc (diss)	ND	50.0	50.0	1	U	05/14/15 14:07	EPA 3005A	05/18/15 14:20 LIT	EPA 6010
7439-97-6	Dissolved Mercury	ND	0.500	0.500	1	U	05/18/15 09:34	EPA 7470A	05/18/15 14:30 PRT	EPA 7470
7440-43-9	Cadmium (diss)	ND	4.00	4.00	1	U	05/14/15 14:07	EPA 3005A	05/15/15 12:47 LIT	EPA 6010
7439-92-1	Lead (diss)	ND	5.00	5.00	1	U	05/14/15 14:07	EPA 3005A	05/18/15 14:20 LIT	EPA 6010

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



TCLP METALS



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20 Matrix: Soil

Percent Solids: 86.00 File ID: 052015C-016

		Concentration						Prep		
CAS NO.	Analyte	(mg/L)	MDL	RL	DF	Q	Prepared	Method	Analyzed By	Method
7439-92-1	TCLP Lead	2.30	0.250	0.250	1		05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7440-39-3	TCLP Barium	0.999	0.500	0.500	1		05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:30 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0.00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 14:51 PRT	1311/7470

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2

Lab Sample ID: 1500778-02

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:15 Matrix: Soil

Percent Solids: 88.20 File ID: 052015C-017

		Concentration						Prep		
CAS NO.	Analyte	(mg/L)	MDL	RL	DF	Q	Prepared	Method	Analyzed By	Method
7439-92-1	TCLP Lead	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7440-39-3	TCLP Barium	0.688	0.500	0.500	1		05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:36 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0.00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 14:53 PRT	1311/7470

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-3

Lab Sample ID: 1500778-03

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:50 Matrix: Soil

Percent Solids: 72.80 File ID: 052015C-018

		Concentration						Prep		
CAS NO.	Analyte	(mg/L)	MDL	RL	DF	Q	Prepared	Method	Analyzed By	Method
7439-92-1	TCLP Lead	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7440-39-3	TCLP Barium	ND	0.500	0.500	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:41 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0.00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 14:55 PRT	1311/7470

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4

Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00 Matrix: Soil

Percent Solids: 85.10 File ID: 052015C-019

		Concentration						Prep		
CAS NO.	Analyte	(mg/L)	MDL	RL	DF	Q	Prepared	Method	Analyzed By	Method
7439-92-1	TCLP Lead	1.09	0.250	0.250	1		05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7440-39-3	TCLP Barium	0.666	0.500	0.500	1		05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/20/15 23:46 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0.00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 15:04 PRT	1311/7470

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-5

Lab Sample ID: 1500778-05

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:53 Matrix: Soil

Percent Solids: 88.00 File ID: 052015C-022

		Concentration						Prep		
CAS NO.	Analyte	(mg/L)	MDL	RL	DF	Q	Prepared	Method	Analyzed By	Method
7439-92-1	TCLP Lead	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7440-39-3	TCLP Barium	0.650	0.500	0.500	1		05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:02 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0.00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 15:06 PRT	1311/7470

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-6

Lab Sample ID: 1500778-06

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:20 Matrix: Soil

Percent Solids: 88.00 File ID: 052015C-023

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
7439-92-1	TCLP Lead	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7440-22-4	TCLP Silver	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7440-38-2	TCLP Arsenic	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7440-39-3	TCLP Barium	ND	0.500	0.500	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7440-43-9	TCLP Cadmium	ND	0.0250	0.0250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7440-47-3	TCLP Chromium	ND	0.100	0.100	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7782-49-2	TCLP Selenium	ND	0.250	0.250	1	U	05/19/15 13:03	EPA 3010A	05/21/15 00:07 LIT	1311/6010
7439-97-6	TCLP Mercury	ND	0 00500	0.00500	1	U	05/20/15 07:38	EPA 7470A	05/20/15 15:08 PRT	1311/7470

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



WET CHEMISTRY



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-1 Lab Sample ID: 1500778-01

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:20

Matrix: Soil

Percent Solids: 86.00

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	2.33	1.16	1.16	1		05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014
CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:00	By Method	05/19/15 11:05 CLD	EPA 9095
CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	86.0	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-2

1500778-02

Lab Sample ID: Project:

255 East 138th Street

Work Order:

1500778

Date Sampled:

05/13/15 11:15

Matrix:

Soil

Percent Solids:

88.20

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.13	1.13	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014
CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:07	By Method	05/19/15 11:12 CLD	EPA 9095
CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	88.2	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: **BRINKERHOFF ENVIRONMENTAL**

WC-3 Client Sample ID:

1500778-03

Lab Sample ID: Project:

255 East 138th Street

Work Order:

1500778

Date Sampled:

05/13/15 10:50

Matrix:

Soil

Percent Solids:

72.80

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.37	1.37	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014
CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:13	By Method	05/19/15 11:18 CLD	EPA 9095
CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	72.8	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-4
Lab Sample ID: 1500778-04

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:00

Matrix: Soil

Percent Solids: 85.10 File ID:

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.18	1.18	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014
CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:20	By Method	05/19/15 11:25 CLD	EPA 9095
CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	85.1	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: **BRINKERHOFF ENVIRONMENTAL**

WC-5 Client Sample ID:

1500778-05

Lab Sample ID:

Project:

255 East 138th Street

Work Order:

1500778

Date Sampled:

05/13/15 09:53

Matrix:

Soil

Percent Solids: 88.00

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.14	1.14	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014
CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:25	By Method	05/19/15 11:30 CLD	EPA 9095
CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	88.0	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: **BRINKERHOFF ENVIRONMENTAL**

WC-6 Client Sample ID: Lab Sample ID:

1500778-06

Project: 255 East 138th Street Work Order: 1500778

Date Sampled: 05/13/15 09:20

Percent Solids: File ID: 88.00

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.14	1.14	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014
CAS NO.	Analyte	Concentration	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Free Liquid	No Free Liquids Present	1.00	1.00	1	U	05/19/15 11:32	By Method	05/19/15 11:37 CLD	EPA 9095
CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	88.0	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

Soil

Matrix:

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: **BRINKERHOFF ENVIRONMENTAL**

WC-7 Client Sample ID: Lab Sample ID:

1500778-07

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:22

Soil Matrix:

Percent Solids: File ID: 90.20

CAS NO.	Analyte	Concentration (pH Units)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	рН	7.91			1		05/19/15 11:00	By Method	05/19/15 12:00 CLD	EPA 9045
CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (reactive)	ND	0.222	0.222	1	U	05/15/15 09:16	By Method	05/15/15 16:44 NNM	EPA 9014
NA	Sulfide (reactive)	ND	22.2	22.2	1	U	05/15/15 09:18	By Method	05/15/15 14:15 CLD	EPA 9031
CAS NO.	Analyte	Concentration (°F)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Flashpoint	>200	80.0	80.0	1		05/26/15 11:04	By Method	05/26/15 14:09 CLD	EPA 1010
CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	90.2	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 (

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-8

Lab Sample ID: 1500778-08

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 09:55

Matrix: Soil

Percent Solids: 88.00

CAS NO.	Analyte	Concentration (pH Units)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	рН	7.97			1		05/19/15 11:00	By Method	05/19/15 12:00 CLD	EPA 9045
CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (reactive)	ND	0.227	0.227	1	U	05/15/15 09:16	By Method	05/15/15 16:44 NNM	EPA 9014
NA	Sulfide (reactive)	ND	22.7	22.7	1	U	05/15/15 09:18	By Method	05/15/15 14:15 CLD	EPA 9031
CAS NO.	Analyte	Concentration (°F)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Flashpoint	>200	80.0	80.0	1		05/26/15 11:04	By Method	05/26/15 14:09 CLD	EPA 1010
CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	88.0	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-9

Lab Sample ID: 1500778-09

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 11:27

Matrix: Soil

Percent Solids: 85.30 File ID:

CAS NO.	Analyte	Concentration (mg/kg dry)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cyanide (total)	ND	1.17	1.17	1	U	05/22/15 10:58	EPA 9010C	05/26/15 15:43 RMK	EPA 9014
CAS NO.	Analyte	Concentration (%)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Percent Solids	85.3	0.100	0.100	1		05/14/15 15:32	Percent Solids	05/15/15 10:30 CLD	SM 2540 G

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: WC-10 Lab Sample ID: 1500778-10

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 10:00

Percent Solids

Percent Solids:

NA

83.30 File ID:

83.3

Concentration Prep CAS NO. Analyte MDL DF (mg/kg dry) RL Q Prepared Method Analyzed By Method 05/22/15 10:58 EPA 9010C 05/26/15 15:43 RMK EPA 9014 NA Cyanide (total) ND 1.20 1.20 1 U Concentration Prep CAS NO. Analyte (%) MDL RL DF Q Prepared Method Analyzed By Method

1

0.100

05/14/15 15:32

Percent Solids 05/15/15 10:30 CLD

SM 2540 G

Soil

Matrix:

0.100

* Values outside of QC limits

ND - Indicates compound analyzed for but not detected

RL - Reporting limit

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit



Inorganics

Client: BRINKERHOFF ENVIRONMENTAL

Client Sample ID: MW-2 Lab Sample ID: 1500778-11

Project: 255 East 138th Street

Work Order: 1500778

Date Sampled: 05/13/15 12:40 Matrix: Ground Water

Percent Solids: File ID:

CAS NO.	Analyte	Concentration (mg/L)	MDL	RL	DF	Q	Prepared	Prep Method	Analyzed By	Method
NA	Cvanide (total)	ND	0.0200	0.0200	1	U	05/20/15 08:28	SM 4500CN C	05/20/15 12:17 NNM	SM 4500CN E

^{*} Values outside of QC limits

ND - Indicates compound analyzed for but not detected

U - Indicates compound analyzed for but not detected

J - Indicates estimated value for TICs and all results when detected below the RL

B - Indicates compound found in associated blank

E - Concentration exceeds highest calibration standard

D - Indicates result is based on a dilution

P - Greater than 25% diff. between 2 GC columns.

MDL - Minimum detection limit

RL - Reporting limit

ATTACHMENT XII



August 19, 2015 Sent via e-mail

Mr. Doug Harm Brinkerhoff Environmental Services, Inc. 1805 Atlantic Avenue Manasquan, NJ 08736

Re: 138th Street LLC

255 East 138th Street

Bronx, NY

BCP Site No. 203057 CEC Approval Nos.:TBD

Dear Mr. Harm:

Clean Earth of Carteret, LLC ("CEC") has received and reviewed the following documents for the above referenced site:

- Former G & C Services 255 East 138th Street Remedial Investigation Report prepared by Brinkerhoff Environmental Services, Inc. in May, 2013, and
- Former G & C Services 255 East 138th Street Remedial Action Work Plan prepared by Ira N. Pierce P.E. in October, 2013.

This letter serves as approval of ~11,000 tons of Non-hazardous petroleum contaminated soil/urban fill represented by the following composite sample IDs and all related grab samples-

CEC – Base WC-2 WC-3 WC-4

CEC – Elevated WC-5 WC-6

WC-7 WC-8

Please include the Grid number/name on all manifests when shipping soils to CEC.

This approval is based upon material being accurately represented by all information provided to CEC at this time, including, but not limited to, Waste Profiles, analysis, site diagrams, site history, and sampling plans. Processing of the soil will be performed under NJDEP Recycling Center Permit No. CBG120002.

Wood, ash, cinders and any other solid waste may not comprise more than 1% of soil destined for CEC. Material with free petroleum product, liquids, sludges, or hazardous waste cannot be



accepted. Please be advised that should the material be found to be non-conforming based on our facility permit requirements, CEC will contact you to discuss options.

The laboratory report does not provide sufficient analysis of the soil to meet our permit. The facility is permitted to analyze soil by collecting samples from incoming loads.

Clean Earth Inc. and its subsidiaries would like to thank you for giving us the opportunity to manage this waste stream. Should you have any questions or concerns, please do not hesitate to contact me at 215-734-1400 X245.

Sincerely,

Karen Vivo Hartley, CHMM

Senior Environmental Project Manager

Cc: Tejas Shah– Clean Earth of Carteret

Jen Schrof – Clean Earth Inc.

ATTACHMENT XIII

Clean Earth of Carteret, LLC

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0069265 Invoice Date: 08/24/15 Order Number

COPY

Faster, smarter, greener solutions,

Page:

Sold To: LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address: 255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms		
LCC334		Net 60 Days		
Sales Rep ID	Shipping Method	Payment Due		
JEN SCHROF		10/23/15		

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
137631	Soil Treatment Type II	08/20/15	700000285704	1136585	28.54	Tons	49.00	1,398.46
137631	Soil Treatment Type II	08/20/15	700000285719	1136586	27.87	Tons	49.00	1,365.63
137631	Soll Treatment Type II	08/20/15	700000285749	1136581	28.32	Tons	49.00	1,387.68
137631	Soil Treatment Type II	08/20/15	700000285765	1136578	28.54	Tons	49.00	1,398.46
137631	Soil Treatment Type II	08/20/15	700000285817	1136577	27.96	Tons	49.00	1,370.04
137631	Soil Treatment Type II	08/20/15	700000285824	1136588	29.01	Tons	49.00	1,421.49
137631	Soil Treatment Type II	08/20/15	700000285889	1136582	29.37	Tons	49.00	1,439,13
137631	Soil Treatment Type II	08/20/15	700000285915	1136575	28.78	Tons	49.00	1,410.22
137631	Soil Treatment Type II	08/20/15	700000285988	1136584	30.4	Tons	49.00	1,489.60
137631	Soil Trealment Type II	08/20/15	700000286011	1136587	29.98	Tons	49.00	1,469.02
137631	Soil Treatment Type II	08/20/15	700000286015	1136580	30.93	Tons	49.00	1,515.57

Tracyleury 1919 1918 - 138 -	Commitment # P >- 5
Cost Code/Acct# 2 280	Invoice Amount
2-225	# 23,749.36
- tax	1935.94
Approved By:	Tota 21,813,75

credit attached

15,665.30

Clean Earth of Carteret, LLC

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0069265 Invoice Date: 08/24/15 Order Number

COPY

Faster, smarter, greener solutions...

Page: 2

Sold To: LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address: 255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms		
LCC334		Net 60 Days		
Sales Rep ID	Shipping Method	Payment Due		
JEN SCHROF		10/23/15		

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
Transf	ferred from page 1	.						15,665.30
137631	Soil Treatment Type II	08/20/15	700000286057	1136579	28.16	Tons	49.00	1,379.84
137631	Soil Treatment Type II	08/20/15	700000286062	1136576	30.56	Tons	49.00	1,497.44
137631	Soil Treatment Type II	08/20/15	700000286081	1136589	32.61	Tons	49.00	1,597.89
137631	Soil Treatment Type II	08/20/15	700000286144	1136574	30.06	Tons	49.00	1,472.94
137631	Analytical - TPH's				2	Unit	100.00	200.00
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Amount :	Subject to
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Profile: 153071118 Site ID: 307 sRpPrf.rpt Profile Report
Transactions from 08/20/2015 through 08/20/2015
Inbound Tickets Only Third Party and Intercompany Customers Recycle and Disposal Material Sent and Unsent Tickets Clean Earth of Carteret Full Details Page 1 of 1 8/21/2015 11:10AM User ID: CEI\OGONZALEZ

0.00	441.09	0.00	Įį.					lotals	Report Grand Iotals
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0.00	32.61	0.00	32.610 Tn	LCC334-LETTIRE CONSTRUCTION	1136589	I	07VEGA2	08/20/15	700000286081
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0.00	28.16	0.00	28.160 Tn	LCC334-LETTIRE CONSTRUCTION	1136579	Ι	07JSL10	08/20/15	700000286057
0.00	30.93	0.00	30.930 Tn	LCC334-LETTIRE CONSTRUCTION	1136580	Ι	07JSL15	08/20/15	700000286015
0.00	29.98	0.00	29.980 Tn	LCC334-LETTIRE CONSTRUCTION	1136587	Ι	07JSL13	08/20/15	700000286011
0.00	30.40	0.00	30.400 Tn	LCC334-LETTIRE CONSTRUCTION	1136584	Ι	07JSL17	08/20/15	700000285988
0.00	28.78	0.00	28.780 Tn	LCC334-LETTIRE CONSTRUCTION	1136575	I	07JSL1	08/20/15	700000285915
0.00	29.37	0.00	29.370 Tn	LCC334-LETTIRE CONSTRUCTION	1136582	I	07JSL9	08/20/15	700000285889
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0.00	28.54	0.00	28.540 Tn	LCC334-LETTIRE CONSTRUCTION	1136578	Ι	07JSL10	08/20/15	700000285765
0.00	28.32	0.00	28.320 Tn	LCC334-LETTIRE CONSTRUCTION	1136581	Ι	07JSL13	08/20/15	700000285749
0.00	27.87	0.00	27.870 Tn	LCC334-LETTIRE CONSTRUCTION	1136586	Ι	07JSL13	08/20/15	700000285719
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			ber: 137631	Global Job Number: 137631			8th St	h St LLC/13	153071118 - 138th St LLC/138th St
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. 9000 در. (0) 11142100 12:48:63 153071118 138th St LLC/138th AND Maste Mastr St 他無性性 ς (C. (C. ស្នក់ ស្នក់ ស្នក់ ស្នក Break, NY 16829 . ស (2) 5 Garaga Garaga Tinket: 70000000000140 000 000 000 000 8/20/2012 8/69/6915 Gonzalez, o La Ci Ci Ci 0.00.00.00 0.00.00.00 0.00.00.00 ა მ. ს. 85500 ## ||}} |} 350 X 04: COR NUMBER 82028 Facility Approval#: Job Address: THORITAGE Code: Petroleum Contaminated Soil (T. Santoriol & Services (700) 041-8185 Customen: LETTIRE CONSTRUCTION CORP Soil Treatment New York, NY 10000 138th St LLC 334-336 110th St 180 0 O... 自然图 自动总体 ະ | |ໃນ |ປ_າ Olean Markh of Carteret Vehicle ID: 07JSL13 **《图的通图》** OF MUDDING AND COURSE Carteret, NJ 07008 Ph: (738) 541-8989 Continuination FOR MASSE Transmore Manager Many Fest Generators Gen Oddress: ពិបន្ទានឧទ្ទាស់។ Not Applicable TABARAGIA G Control of the state of the sta

0 6 0 0 0 ψ ψ 12:40:00 S1.000.52 1085E St 110/1085E Qu 188 101 101 101 es de កស់ ទំនុំ សំព NUS Saste 138th Brenx, NY 18809 Orlando տ ၄:: }--Fight Teasesses いいないないない 8/20/2015 8/80/8018 153871118 Gonzalez, 班科斯區 88488 87888 888 .0 .0. 80000 ## 133 13-4 . 350 10 % (S) (S) 次6位3 Facility Approval#: SECTOR SE TOD Nome: Work addresses 开办自立 医自分子 Petroleum Contaminated Soil ት መረ ማ Meterials & Services 作道文: 《7000》 贝泰州一周1600 LETTING CONSTRUCTION CORD Soli Ireatment New York, NY 18029 334-336 110th St Type: 2 011 1770 6 1 10 10 0 1000 6 1 10 6 47 1386h St LLC Clean Earth of Carteret 1 2 3 5 5 5 7 B **多时间的"社会** Carterat, NJ 67868 Ph: (738) 841-8989 Contaminate Tan Waste Treatent 気のひょがのらわい かん 単のひかがさい Calcination Generator: Sen Address: Commonth Not Applicable Drivers Origin

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ម ក្រុ ស្រុក Saple 138th St LLC/138th St POS Haste 1986 By (1) (2) (2) (4) 46. 94 197, 95 42, 38 (A) (3) (***) Broax, NY 10029 Gwantity Unit ហ ជ |---Ticket: 788888888881 27, 96 8/88/8835 8/28/2815 Facility Approval#: 153071118 Job Name: 138th St i <u>ರ</u>ವಾಸತ್ತು ಅಸ್ತ មាន ស្វាល់ ស្វាល់ 84000 03050 00 5... FG |---Job Address: e# [25] 1~4 120% 670553 កានាក្នុងនិងសម្ Petroleum Contaminated Soil 60. > = Materials & Services Fax: (730) 541-8185 Customer: LETTIAE CONSTRUCTION CORP Soil Treatment New York, NY 18829 334-336 1180th St Contaminate Types to Oil 7000 Bio 138th St LLC Clean Earth of Carteret Manifest: 1136577 8778118 MA Widdlesex Gverse Carteret, NJ **Ø70**09 Ph. (732) 541-8909 电影 医多克勒氏 Treatment Vehicle ID: Generator: Sen Address: Comment Not Applicable まんゆうぎんの Origin

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e . v . v . v . v . v 500000 ő 80.88.01 12:38:37 1398h St LLC/138th 255 Maste 138th St (U) (M) (H) ស ⊳ ភ ភេទ ២ សំ ១ ១ សំ ១ ១ 10 m Brenx, NY 18829 Gonzalez, Griando Chanter's y Chat ហ ជ: |** Tinket: Vessessonsna 8/88/8815 8/88/8915 60 **多多多多人的人的人的人** 0440 0440 0440 のののののの 27948 SECTO Facility Approval&: Job Name: 14 F3 4~1 ** ** ** ** Zec. ನರಕ ನಿರೆದ್ದೇಶವರ್ 800000 Facility: Petroleum Contaminated Soil ው ር. አ Materials & Services 的复数电子外的 人的的人) 计关系统 Customer: LETTIRE CONSTRUCTION CORP Soil Freetants New York, NY 10000 139th St LLC 334-336 110th St Conteminate Type: 2 Oil Treatment Type: Bio Fac Waste Code: Petro Clean Earth of Carteret Manifest: 11355588 **37700000** 24 Middlesex Avenue Carteret, NJ 07085 Ph: (732) 541-8909 <u> ೫೩೮ ೫೩೯</u>೬೯ Vehicle ID: Generators Gen Address: Comments Net Applicable さんのくせん() Chigh

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មក ស្រុក លាការាធា 20:47:02 1384F St 115/1384F 1000 Easte 138th Bronx, NY 10009 Bonzalez, Orlando Tinket: 788888888888 Duant and 8/88/8815 8/88/8919 20 GU 153071138 03.48 (2) (3) 59746 87048 28283 დ ე. ლ (C) (C) Sec. Facility Approvalw: Joh Mare: Con Dadyeses Š 888848 Tarre: Facility Type: Bio Code: Petroleus Contaminated Soil 0 0 5 1 Serve 20 0 00 041-0100 LETTIRE CONSTRUCTION CORP 於自由國外便也是於一次可以的 (1) ※ 5回日によりななが New York, NY 10029 334-336 110th St Type: O Cil 138th St 11C 1. (i) (i) Clean Earth of Carteret 0000000 mm Manifest: 1136580 Vehicle ID: 0775L9 BUNDAN XOUBLIDING PO Carteret, NJ 07008 PT: (700) 041-6000 10分类的复数形式的存储 1000年以前 1000年 Fac Washe Customer: Generators ಚಿಕ್ಕಾ ಪಡೆದೆಗಳು いりの解除のほかい Net Applicable Darkvena Origin

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CHANKATON

Clean Earth of Carteret, LLC

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0069311 Invoice Date: 08/25/15 Order Number

COPY

Faster, smarter, greener solutions...

Page: 2

Sold To:

LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address:

255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
LCC334		Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF		10/24/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
Transf	erred from page 1							17,116.19
137631	Soil Treatment Type []	08/21/15	700000286857	1180958	31.91	Tons	49.00	1,563.59
137631	Env, Energy, and Ins Fee					N/C		

Project/Job#: E45-/38	Commitment # po5
Cost Code/Acct# 2185	Invoice Amount
2-225	
TANK HATTA THE TANK H	29337.61
- Tax	1657.83
Approved By: free Litele	Total: /8,679.78

credit attached

Amount Subject to Sales Tax 18,679.78 Amount Exempt from Sales Tax 0.00

Total Quantity: 381.22

Subtotal: Invoice Discount: Total Sales Tax: 18,679.78 0.00 1,657.83

Total:

20,337.61

Clean Earth of Carteret, LLC

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0069311 Invoice Date: 08/25/15 Order Number

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Faster, smarter, greener solutions.

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LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address: 255 East 138th St Project

212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
LCC334		Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF		10/24/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
137631	Soil Treatment Type II	08/21/15	700000286319	1180964	32.81	Tons	49.00	1,607.69
137631	Soil Treatment Type II	08/21/15	700000286322	1180963	33.68	Tons	49.00	1,650.32
137631	Soil Treatment Type II	08/21/15	700000286488	1180962	33.63	Tons	49.00	1,647.87
137631	Soil Treatment Type II	08/21/15	700000286525	1180960	31.61	Tons	49.00	1,548.89
137631	Soil Treatment Type II	08/21/15	700000286549	1180961	32.01	Tons	49.00	1,568.49
137631	Soil Treatment Type II	08/21/15	700000286695	1180959	31.64	Tons	49.00	1,550.36
137631	Soil Treatment Type II	08/21/15	700000286782	1180955	29.14	Tons	49.00	1,427.86
137631	Soil Treatment Type II	08/21/15	700000286800	1118690	31.65	Tons	49.00	1,550.85
137631	Soil Treatment Type II	08/21/15	700000286831	1118689	30.93	Tons	49.00	1,515.57
137631	Soil Treatment Type II	08/21/15	700000286842	1180956	31.03	Tons	49.00	1,520.47
137631	Soil Treatment Type II	08/21/15	700000286847	1180957	31.18	Tons	49.00	1,527.82
Transf	ferred to page 2							17,116.19

sRpPrf.rpt Site ID: 307 Profile: 153071118 153071118 - 138th St LLC/138th St Ticket 700000286319 700000286782 700000286695 700000286549 700000286525 700000286322 700000286488 08/21/15 08/21/15 08/21/15 08/21/15 08/21/15 08/21/15 08/21/15 Date 07SHIR10 07SHIR36 07SHIR30 07SHIR12 07**D**I10 07SHIR12 07SHIR30 Truck In / Out Manifest 1180961 1180962 1180959 1180963 1180955 1180960 1180964 Transactions from 08/21/2015 through 08/21/2015 Third Party and Intercompany Customers Recycle and Disposal Material LCC334-LETTIRE CONSTRUCTION Customer Clean Earth of Carteret Sent and Unsent Tickets Inbound Tickets Only Profile Report Full Details Global Job Number: 137631 31.640 Tr 32.010 Tr 31.610 Tr 33.630 Tn 32.810 Tr 29.140 Tn 33.680 Tn Bill. Units Cubic Yards 0.00 0.00 0.00 0.00 0.00 0.00 User ID: CENYWASHINGTON 31.64 29.14 32.01 31.61 33.68 33.63 Tons Estimated Tons Page 1 of 1 8/21/2015 7:05PN 0.00 0.00 0.00 0.00 0.00 0.00 0.00

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	Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 Ph. (732) 541-8909 Fax: (732) 541-8105	Manifest: 1188958 Vehicle ID: 075HR15 Post:	Casiomer: Levince Construction Conference Approval#: Generator: 138th St LLC Gen Address: 334-336 110th St Gen Address: New York, NY 10029 Origin	New York Conteminate Type: C Oil Treatment Type: Eio Fac Waste Code: Detroleum Contaminated Soil Comment:	Dyivey: Bacility: G

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Clean Earth of Carteret, LLC

P.O. Box 95000-3755 Philadeiphia, PA 19195-0001

Phone: 215-734-1400 215-734-1423 Fax:



Invoice

Invoice Number: PSI0069394 Invoice Date: 08/27/15 Order Number

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faster, smarter, greener solutions...

Page:

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Sold To:

LETTIRE CONSTRUCTION CORP. 334 - 336 EAST 110TH ST NEW YORK, NY 10029

Site Address:

255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
LCC334		Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF		10/26/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
137631	Soil Treatment Type II	08/24/15	700000287283	1181041	33.98	Tons	49.00	1,665.02
137631	Soil Treatment Type II	08/24/15	700000287324	1181042	29.28	Tons	49.00	1,434.72
137631	Soil Treatment Type II	08/24/15	700000287356	1181043	31.99	Tons	49.00	1,567.51
137631	Soil Treatment Type II	08/24/15	700000287382	1118653	30.94	Tons	49.00	1,516.06
137631	Soil Treatment Type II	08/24/15	700000287384	1181045	31.78	Tons	49.00	1,557.22
137631	Soil Treatment Type II	08/24/15	700000287450	1181044	29.86	Tons	49.00	1,464.12
137631	Soil Treatment Type (i	08/24/15	700000287462	1181046	30.05	Tons	49.00	1,472.45
137631	Soll Treatment Type II	08/24/15	700000287469	1181047	31.64	Tons	49.00	1,550.36
137631	Soft Treatment Type II	08/24/15	700000287508	1181048	30.62	Tons	49.00	1,500.38
137631	Soil Treatment Type II	08/24/15	700000287511	1181049	28.51	Tons	49.00	1,396.99
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Transferred to page 2.....

Commitment # PO-S Project/Job#: EAS- 138 Invoice Amount Cost Code/Acct# 18 265.18 Tax Total: 16,776.25 Approved By for stale

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Clean Earth of Carteret, LLC

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0069394 Invoice Date: 08/27/15 Order Number

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Faster, smarter, greener solutions...

Page: 2

Sold To: LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address: 255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
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Site ID: 307 sRpPrf.rpt Profile: 153071118 153071118 - 138th St LLC/138th St Report Grand Totals II tickets and II transactions 153071118 - 138th St LLC/138th St Ticket 700000287283 700000287523 700000287511 700000287469 700000287462 700000287384 700000287324 700000287508 700000287450 700000287382 700000287356 08/24/15 08/24/15 08/24/15 08/24/15 08/24/15 08/24/15 08/24/15 08/24/15 Date 08/24/15 08/24/15 08/24/15 07SHIR14 07SHIR4 07SHIR2 07RLS38 07SHIR30 07RLS13 07SHIR22 07RLS48 07SHIR12 07SHIR14 07SHIR2 Truck In / Out Manifest 1181042 1181048 1181047 1181050 1181044 1181045 1181043 1181049 1181046 1118653 1181041 Transactions from 08/24/2015 through 08/24/2015 Third Party and Intercompany Customers Recycle and Disposal Material LCC334-LETTIRE CONSTRUCTION Customer Clean Earth of Carteret LCC334-LETTIRE CONSTRUCTION Sent and Unsent Tickets Inbound Tickets Only Profile Report **Full Details** Global Job Number: 137631 27.580 Tn 31.640 Tn 30.050 Tn 29.880 Tn 31.780 Tn 30.940 Tn 31.990 Tn 33.980 Tn 28.510 Tn 30.620 Tn 29.280 Tn Bill. Units Cubic Yards 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 User ID: CENYWASHINGTON 336.25 336.25 30.62 31.78 31.99 31.64 30.05 29.88 30.94 27.58 28.51 29.28 33.98 Tons Estimated Tons Page 1 of 1 8/25/2015 10:41 AM 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

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Facility		Soil Treatment Type II : 2 Oil : Bio : Petroleum Contaminated Soil	Facility Approvalt: Job Name: Job Address:	Gross: Tare:	Ticket: . In: (732) 541-8105 Dut:
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20 × 1072 Primite Ph: (732) 541-6505 Carteret, NJ 07008 Clean Marth of Carteret DA MAGGIBBBA MAGGIRB Gen Address: STIVES: Wanifest: 1181842 Vehicle ID: 075HIR14 Customer: LETTIRE CONSTRUCTION CORP ()の母母のつびょ Contaminate TOO Master TYPECHONE 1191842 334-336 11967 St ligath St LLC New York, NY 10000 Type: Bio Code: Petroleum Contaminated Soil Type: 2 Dil 3. (j) (j) Soil Trautment 文の中のでいりだい (732) 541-8105 GO. Services II say THOUSERY Proprovale: Job BAASess 而使作性是重要好言 Job Name: Tinket: 7000000000Tink 07000 1000円は 22 0 0 0 1 ំនងក្នុងមេខម OUU Easke lucet of 153071118 Bronx, NY 10029 Moder of LLO/Moder 8/24/2018 8/24/2018 000000 000000 84769 84769 5956% Seantity Unit ()) மே ம ON CO ON LANGE ं द्रा ट တ္တတ္ တိုက်တဲ့ ကိုက်တဲ့ 多原,它们上每7 @9:25:28 ...} 33 ທ ~(당 연 (ŋ ch T] ;--| មាន មានក្រុម ೮೧೩≧ ೯ (T)

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Zew York Primis 9h: (732) 541-6909 Carteret, NJ 07000 NA SYDDIAGOR EVERSO Clean Carth of Carteret Gen Address: Driver: Vehicle ID: 978HIR12 Generator: 138th St ill Manifest: 1181843 Customer: LETTIRE CONSTRUCTION CORP Comment: Contamination TRO Swate Treatment 334-336 1186h St NEW YORK, NY 19800 ్గర్తి కాండ్ర్మ్ Code: Petroleum Contaminated Soil Type: 2 Dil Fax: (700) 541-8105 Goth Tragnment 医电子的可引电阻 Services ir edal Machlity Approvales Work Address: FUCELLEVE Job Name: ₩ D 第 D 卷 B S2048 1000 H 0 Contalez, 7666666666767656 化闭环 网络多女鱼 计网络分割 的女 153071118 Bronx, NY 10029 138th St LLC/138th 8/24/2015 53968 ලකුළතුය 08908 441 8/64/6810 Mudatity Unit D) Orto (i) (ii) Establica Stable 00:00:50 90. 90. 90. 09:41:05 .~} ⊅ ຫ 44, 94 ~ [2] (2) ហ្គ 000000

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Orlando

辺のま べいずま Gergera German Ph: (732) 541-8903 Carteret, NJ 07008 OA Middlesex Avenue Olean Marth of Carteret Driver: Sen Address: Vahiole ID: @79LS12 Generator: Municipato 1181846 Customer: LETTIRE CONSTRUCTION CORP 門の海線の対する Contomication Treatment Type: Bio Fac Waste Code: Petroleum Conteminated Soil 554-556 Mistr 55 IDEST SE LLC New York, NY 19809 Types & Oil Fax: (768) 541-8185 WORL Tremtment 第900mmではりにい や Ommでに自のm Type II Packlindy Opproveds: John Badress ጠይበት የጀርት አ Job Wase: Ticket: 7000000087468 M7000 ~{ 0,7 0,7 0,0 0,0 000 Met: Gonzalez, DUN MASSE LOSEN 150071110 Bronx, NY 10029 138th St LLC/138th 0/04/2010 的人的令人的现象证据 27148 60188 87240 Quantity Unit D O 00000 (4) (4) (4) (4) Chicado ្ត ភូមិ ម្នាក់ មិន្តិ មិន្តិ 112 : 000 : 40 10:59:07 .«| (វ ហ ψ, ``` •4 0) 10 10 10 10 10 SCALE m

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CAND TAND HOW YOU'S Clean Earth of Carteret 24 Middlesex Avenue Ph: (732) 541-8909 Carteret, NJ 27028 Den Address: 334-336 ligth St Driver: Manifest: 1181047 Vehicle ID: 078H1R30 Generator: 138th St LLC Customer: LETTIRE CONSTRUCTION CORP 门口用班东西水 : () 自己的复数形式 计可以作用 TOO WAISTO Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil New York, NY 10029 Type: A Oil "ነ ው አ Soil Treatment Materials & Services (732) 541-8105 THE SERVE Partiety Opproveis: Job Address: 所與D2.2.2.6.9 a Job Name: Ticket: 70000000287459 ប្រើក្រុមមាន 1.00 M 04:: 的CHEEL 1921 255 Easte 198th St 138th St LLC/138th St 153071118 0/04/0040 G1667/46/8 Bronx, NY 10000 ම**ව**ල්වල දෙයා 26790 医复数色数 Quantity Unit ្យាល់ ទំនុំ S. 04 0710000 12.00.120 15.04.03 ស្នេញ សេល្ស សេល្ស សេល្ស ار ان (村 門 明 დ ლ Scale CE Signa

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P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSi0069492 Invoice Date: 08/31/15 Order Number

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Page:

Sold To:

LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address:

255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

	Customer No.	Customer PO	Payment Terms
-	LCC334		Net 60 Days
	Sales Rep ID	Shipping Method	Payment Due
	JEN SCHROF	-	10/30/15

	JUN SOUROF							
Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
137631	Soil Treatment Type II	08/26/15	700000288535	1181051	34.1	Tons	49.00	1,670.90
137631	Soil Treatment Type II	08/26/15	700000288537	1181052	32.33	Tons	49.00	1,584,17
137631	Soil Treatment Type II	08/26/15	700000288542	1181066	35.44	Tons	49.00	1,736.56
137631	Soil Treatment Type II	08/26/15	700000288559	1181065	35.89	Tons	49.00	1,758.61
137631	Soil Treatment Type II	08/26/15	700000288578	1181064	33.44	Tons	49.00	1,638.56
137631	Soil Treatment Type II	08/26/15	700000288650	1181063	31.56	Tons	49.00	1,546.44
137631	Soil Treatment Type II	08/26/15	700000288677	1181062	33.69	Tons	49.00	1,650.81
137631	Soil Treatment Type II	08/26/15	700000288760	1181061	35.89	Tons	49.00	1,758.61
137631	Soil Treatment Type II	08/26/15	700000288766	1181060	33.07	Tons	49.00	1,620.43
137631	Soil Treatment Type II	08/26/15	700000288777	1181059	34.81	Tons	49.00	1,705.69
137631	Soil Treatment Type II	08/26/15	700000288789	1181058	35.14	Tons	49.00	1,721.86
Transt	Project/Job#;	EAS-13	ී Comi	mitment# 🏻 🕫	ایک			18,392.64

Credit attached

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0069492 Invoice Date: 08/31/15 Order Number

COPY

Faster, smarter, greener solutions...

Page: 2

Sold To:

LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address:

255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
LCC334		Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF		10/30/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
Transf	erred from page 1							18,392.64
137631	Soil Treatment Type II	08/26/15	700000288829	1181057	32.07	Tons	49.00	1,571.43
137631	Soil Treatment Type II	08/26/15	700000288889	1181053	30.03	Tons	49.00	1,471.47
137631	Soil Treatment Type II	08/26/15	700000288893	1181054	35.14	Tons	49.00	1,721.86
137631	Soil Treatment Type II	08/26/15	700000288984	1181056	34.29	Tons	49.00	1,680.21
137631	Soil Treatment Type II	08/26/15	700000288989	1181055	34.55	Tons	49.00	1,692.95
137631	Soil Treatment Type II	08/26/15	700000289022	1118655	32.28	Tons	49.00	1,581.72
137631	Soil Treatment Type II	08/26/15	700000289025	1118654	33.95	Tons	49.00	1,663.55
137631	Soil Treatment Type II	08/26/15	700000289059	1118657	31.78	Tons	49.00	1,557.22
137631	Analytical-Full Set & TPH's				1	Unit	1,100.00	1,100.00
137631	Env, Energy, and Ins Fee					N/C		

Amount Subject to
Sales Tax
32,433.05

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Profile: 153071118 Site ID: 307

Profile Report
Transactions from 08/26/2015 through 08/26/2015 Third Party and Intercompany Customers Recycle and Disposal Material Clean Earth of Carteret Sent and Unsent Tickets Inbound Tickets Only Full Details 5:50PN User ID: CENYWASHINGTON Page 1 of \$/26/201:

Ticket	Date	Truck	In / Ou	In/Out Manifest	Customer	Bill. Units	Cubic Yards	Tons I	Estimated Tons
153071118 - 138t	138th St LLC/138th St	8th St			Global Job Number:	er: 137631			
700000288535	08/26/15	07TMAK3	H	1181051	LCC334-LETTIRE CONSTRUCTION	34.100 Tn	0.00	34.10	0.00
700000288537	08/26/15	07TMAK2	H	1181052	LCC334-LETTIRE CONSTRUCTION	32.330 Tn	0.00	32.33	0.00
700000288542	08/26/15	07MIDHAUL3	بــر	1181066	LCC334-LETTIRE CONSTRUCTION	35.440 Tn	0.00	35.44	0.00
700000288559	08/26/15	07MIDHAUL4	_	1181065	LCC334-LETTIRE CONSTRUCTION	35.890 Tn	0.00	35.89	0.00
700000288578	08/26/15	07MIDHAUL1	ч	1181064	LCC334-LETTIRE CONSTRUCTION	33.440 Tn	0.00	33.44	0.00
700000288650	08/26/15	07GIAN6	_	1181063	LCC334-LETTIRE CONSTRUCTION	31.560 Tn	0.00	31.56	0.00
700000288677	08/26/15	07GAJ23	_	1181062	LCC334-LETTIRE CONSTRUCTION	33.690 Tn	0.00	33.69	0.00
700000288760	08/26/15	07TMAK3	-	1181061	LCC334-LETTIRE CONSTRUCTION	35.890 Tn	0.00	35.89	0.00
700000288766	08/26/15	07TMAK2	- -	1181060	LCC334-LETTIRE CONSTRUCTION	33.070 Tn	0.00	33.07	0.00
700000288777	08/26/15	07MIDHAUL3	H	1181059	LCC334-LETTIRE CONSTRUCTION	34,810 Tn	0.00	34.81	0.00
700000288789	08/26/15	07MIDHAUL4	_	1181058	LCC334-LETTIRE CONSTRUCTION	35.140 Tn	0.00	35.14	0.00
700000288829	08/26/15	07MIDHAUL1	T	1181057	LCC334-LETTIRE CONSTRUCTION	32.070 Tn	0.00	32.07	0.00
700000288889	08/26/15	07GIAN6	H	1181053	LCC334-LETTIRE CONSTRUCTION	30.030 Tn	0.00	30.03	0.00
700000288893	08/26/15	07GAJ23	-	1181054	LCC334-LETTIRE CONSTRUCTION	35.140 Tn	0.00	35.14	0.00
700000288984	08/26/15	07GAJ28	_	1181056	LCC334-LETTIRE CONSTRUCTION	34.290 Tn	0.00	34.29	0.00
700000288989	08/26/15	07TMAK3	-	1181055	LCC334-LETTIRE CONSTRUCTION	34.550 Tn	0.00	34.55	0.00
700000289022	08/26/15	07TMAK2	Н	1118655	LCC334-LETTIRE CONSTRUCTION	32.280 Tn	0.00	32.28	0.00
700000289025	08/26/15	07MIDHAUL3	Г	1118654	LCC334-LETTIRE CONSTRUCTION	33.950 Tn	0.00	33.95	0.00
700000289059	08/26/15	07MMDHAUL4	ĭ	1118657	LCC334-LETTIRE CONSTRUCTION	$31.780~{ m Tn}$	0.00	31.78	0.00
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Facility:

GENERATOR

Genzalez, Orlando

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0069829 Invoice Date: 08/31/15 Order Number

COPY

Faster, smarter, greener solutions.

Page:

Sold To: LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029

Site Address: 255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
LCC334		Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF		10/30/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
Transf	erred from page 2	********************						33,340.09
137631	Soil Treatment Type II	08/28/15	700000290126	1118635	32.33	Tons	49.00	1,584.17
137631	Soil Treatment Type II	08/28/15	700000290130	1118636	32.16	Tons	49.00	1,575.84
137631	Soil Treatment Type II	08/28/15	700000290139	1118633	30.82	Tons	49.00	1,510.18
137 631	Soil Treatment Type II	08/28/15	700000290162	1118597	31.91	Tons	49.00	1,563.59
137631	Soil Treatment Type II	08/28/15	700000290167	1118632	34.89	Tons	49.00	1,709.61
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Total Quantity: 842.52

Subtotal: Invoice Discount: Total Sales Tax: 42,583.48 0.00 3,779.28

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice Number: PSi0069829 Invoice Date:

Invoice

08/31/15 Order Number

Page:

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Sold To:

LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address:

255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
LCC334		Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF		10/30/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
137631	Soil Treatment Type II	08/28/15	700000289730	1118652	37.58	Tons	49.00	1,841.42
137631	Soil Treatment Type II	08/28/15	700000289740	1118651	36.17	Tons	49.00	1,772.33
137631	Soil Treatment Type II	08/28/15	700000289746	1118661	31.17	Tons	49.00	1,527.33
137631	Soil Treatment Type II	08/28/15	700000289753	1118644	31.63	Tons	49.00	1,549.87
137631	Soil Treatment Type II	08/28/15	700000289758	1118660	30.47	Tons	49.00	1,493.03
137631	Soil Treatment Type II	08/28/15	700000289776	1118659	33.47	Tons	49.00	1,640.03
137631	Soil Treatment Type II	08/28/15	700000289797	1118645	32.21	Tons	49.00	1,578.29
137631	Soil Treatment Type II	08/28/15	700000289799	1118658	30.69	Tons	49.00	1,503.81
137631	Soil Treatment Type II	08/28/15	700000289810	1118647	33.83	Tons	49.00	1,657.67
137631	Soil Treatment Type II	08/28/15	700000289921	1118646	34.99	Tons	49.00	1,714.51
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P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



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Page: 2

Sold To:

LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029

Site Address:

255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
LCC334		Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF		10/30/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
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137631	Soil Treatment Type II	08/28/15	700000289959	1118648	32.31	Tons	49.00	1,583.19
137631	Soil Treatment Type II	08/28/15	700000289972	1118649	33.5	Tons	49.00	1,641.50
137631	Soil Treatment Type II	08/28/15	700000289981	1118643	33.63	Tons	49.00	1,647.87
137631	Soil Treatment Type II	08/28/15	700000289995	1118641	33.81	Tons	49.00	1,656.69
137631	Soil Treatment Type II	08/28/15	700000289998	1118640	29.91	Tons	49.00	1,465.59
137631	Soil Treatment Type II	08/28/15	700000290034	1118639	32.6	Tons	49.00	1,597.40
137631	Soil Treatment Type II	08/28/15	700000290061	1118634	33.77	Tons	49.00	1,654.73
137631	Soil Treatment Type II	08/28/15	700000290064	1118642	27	Tons	49.00	1,323.00
137631	Soil Treatment Type II	08/28/15	700000290089	1118638	30.78	Tons	49.00	1,508.22
137631	Soil Treatment Type II	08/28/15	700000290123	1118637	30.79	Tons	49.00	1,508.71
Transfe	erred to page 3	***************************************						33,340.09

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Profile: 153071118 Site ID: 307

Clean Earth of Carteret

Page 1 of 2 8/31/2015 6:29AM User ID: CENYWASHINGTON

Profile Report
Transactions from 08/28/2015 through 08/28/2015
Inbound Tickets Only Third Party and Intercompany Customers

Recycle and Disposal Material Sent and Unsent Tickets Full Details

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Ticket	Date	Truck	In / Out	Manifest	Customer	Bill. Units	Cubic Yards	Tons	Estimated Tons
153071118 - 1381	138th St LLC/138th St	3th St			Global Job Number:	er: 137631			
700000289730	08/28/15	07MIDHAUL5	I	1118652	LCC334-LETTIRE CONSTRUCTION	37.580 Tn	0.00	37.58	0.00
700000289740	08/28/15	07MIDHAUL6	Ι	1118651	LCC334-LETTIRE CONSTRUCTION	36.170 Tn	0.00	36.17	0.00
700000289746	08/28/15	07MANOLOS1	н	1118661	LCC334-LETTIRE CONSTRUCTION	31.170 Tn	0.00	31.17	0.00
700000289753	08/28/15	07MANOLOS2	Ħ	1118644	LCC334-LETTIRE CONSTRUCTION	31.630 Tn	0.00	31.63	0.00
700000289758	08/28/15	07IDROVO3	H	1118660	LCC334-LETTIRE CONSTRUCTION	30.470 Tn	0.00	30.47	0.00
700000289776	08/28/15	07MIDHAUL3	ĭ	1118659	LCC334-LETTIRE CONSTRUCTION	33.470 Tn	0.00	33.47	0.00
700000289797	08/28/15	07MIDHAUL2	ĭ	1118645	LCC334-LETTIRE CONSTRUCTION	32.210 Tn	0.00	32.21	0.00
700000289799	08/28/15	07MANOLOS7	I	1118658	LCC334-LETTIRE CONSTRUCTION	30.690 Tn	0.00	30.69	0.00
700000289810	08/28/15	07MIDHAUL4	\vdash	1118647	LCC334-LETTIRE CONSTRUCTION	33.830 Tn	0.00	33.83	0.00
700000289921	08/28/15	07MIDHAUL5	н	1118646	LCC334-LETTIRE CONSTRUCTION	34.990 Tn	0.00	34.99	0.00
700000289953	08/28/15	07MANOLOS1	H	1118650	LCC334-LETTIRE CONSTRUCTION	30.100 Tn	0.00	30.10	0.00
700000289959	08/28/15	07IDROVO3	I	1118648	LCC334-LETTIRE CONSTRUCTION	32.310 Tn	0.00	32.31	0.00
700000289972	08/28/15	07MIDHAUL6	H	1118649	LCC334-LETTIRE CONSTRUCTION	33.500 Tn	0.00	33.50	0.00
700000289981	08/28/15	07MIDHAUL3	Н	1118643	LCC334-LETTIRE CONSTRUCTION	33.630 Tn	0.00	33.63	0.00
700000289995	08/28/15	07MIDHAUL2	H	1118641	LCC334-LETTIRE CONSTRUCTION	33.810 Tn	0.00	33.81	0.00
700000289998	08/28/15	07MANOLOS7	H	1118640	LCC334-LETTIRE CONSTRUCTION	29.910 Tn	0.00	29.91	0.00
700000290034	08/28/15	07MIDHAUL4	Ι	1118639	LCC334-LETTIRE CONSTRUCTION	32.600 Tn	0.00	32.60	0.00
700000290061	08/28/15	07MIDHAUL5	I	1118634	LCC334-LETTIRE CONSTRUCTION	33.770 Tn	0.00	33.77	0.00
700000290064	08/28/15	07CFBROS9	—	1118642	LCC334-LETTIRE CONSTRUCTION	27.000 Тп	0.00	27.00	0.00
700000290089	08/28/15	07IDROVO3	П	1118638	LCC334-LETTIRE CONSTRUCTION	30.780 Tn	0.00	30.78	0.00
700000290123	08/28/15	07MANOLOS1	Н	1118637	LCC334-LETTIRE CONSTRUCTION	30.790 Tn	0.00	30.79	0.00
700000290126	08/28/15	07MIDHAUL6	ч	1118635	LCC334-LETTIRE CONSTRUCTION	32.330 Tn	0.00	32.33	0.00
700000290130	08/28/15	07MIDHAUL3	I	1118636	LCC334-LETTIRE CONSTRUCTION	32.160 Tn	0.00	32.16	0.00
700000290139	08/28/15	07CFBROS7	I	1118633	LCC334-LETTIRE CONSTRUCTION	30.820 Tn	0.00	30.82	0.00
700000290162	08/28/15	07MANOLOS7	I	1118597	LCC334-LETTIRE CONSTRUCTION	31,910 Tn	0.00	31.91	0.00

26 tickets and 26 transactions Report Grand Totals 26 tickets and 26 transactions 153071118 - 138th St LLC/138th St Profile: 153071118 Site ID: 307 sRpPrf.rpt 153071118 - 138th St LLC/138th St Ticket 700000290167 08/28/15 Date 07MIDHAUL2 Truck In / Out Manifest 1118632 Transactions from 08/28/2015 through 08/28/2015 Third Party and Intercompany Customers Recycle and Disposal Material LCC334-LETTIRE CONSTRUCTION Customer Clean Earth of Carteret Sent and Unsent Tickets Inbound Tickets Only Profile Report Full Details Global Job Number: 137631 34.890 Tn Bill. Units Cubic Yards 0.00 0.9 80 0.00 User ID: CEI\YWASHINGTON 842.52 842.52 34.89 Tons Estimated Tons Page 2 of 2 8/31/2015 6:29AM 0.00 0.00 0.00

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~	Diesm Earth of Carteret 24 Middiesex Avenue Carteret, NJ 07028 Ph: (732) S41-8989 Fax: (732) 341-8105	Manifest: 1119639 Vehicle ID: 07MIDWAUL4	Customer: LETTIRE CONSTRUCTION CORP Facility Appro Generator: 135th St LLC Gen Address: 334-336 110th St New York, NY 10029 Origin	New York Contaminate Type: 2 Dil Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil Comment:	Driver: Facility:

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Clean Earth of Carteret, LLC

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0069850 Invoice Date: 08/31/15 Order Number

COPY	Fasier	, smarter, greener solutions	Page:
	Project/Job#: 645-138	Commitment # P05	1
Sold To: LETTIRE CO	RSFRICTERACEURP2.280	Invoice Amount Site Ac	138th St Project
334 - 336 EA	ST 110TH ST 2/22で 🗆	18 NGU 4242-996	6640
NEW YORK,	NY 10029	/ 4 7 2 53 Bronx. N	e 138th St Y 10029 Chedit attacher
:	·	Joe Vita	e e
	Approved By: Joer dale	Total: /6,59/.89	

Customer No.	Customer PO	Payment Terms
LCC334	***************************************	Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF		10/30/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
137631	Soil Treatment Type II	08/31/15	700000290608	1118598	35.37	Tons	49.0 0	1,733.13
137631	Soil Treatment Type II	08/31/15	700000290652	1118599	34.49	Tons	49.00	1,690.01
13 763 1	Soil Treatment Type II	08/31/15	700000290657	1118601	33.69	Tons	49.00	1,650.81
137631	Soll Treatment Type II	08/31/15	700000290693	1118602	32.16	Tons	49.00	1,575.84
137631	Soil Treatment Type II	08/31/15	700000290778	1118603	31.47	Tons	49.00	1,542.03
137631	Soil Treatment Type II	08/31/15	700000290823	1118604	36.88	Tons	49.00	1,807.12
137631	Soil Treatment Type II	08/31/15	700000290886	1118600	34.29	Tons	49.00	1,680.21
137631	Soil Treatment Type II	08/31/15	700000290899	1118610	35.17	Tons	49.00	1,723.33
137631	Soil Trealment Type II	08/31/15	700000290923	1118609	32.64	Tons	49.00	1,599.36
137631	Soil Treatment Type II	08/31/15	700000290955	1118605	32.45	Tons	49.00	1,590.05
137631	Env, Energy, and Ins Fee					N/C	:	

Amount Subject to	Amount Exempt
Sales Tax	from Sales Tax
16.591.89	0.00

Total Quantity: 338.61

Subtotal: Invoice Discount: Total Sales Tax: 16,591.89 0.00 1,472.53

sRpPrf.rpt Profile: 153071118 Site ID: 307				Transac	Clean Earth of Carteret Profile Report Transactions from 08/31/2015 through 08/31/2015 Inbound Tickets Only Third Party and Intercompany Customers Recycle and Disposal Material Sent and Unsent Tickets Full Details			User ID: CEI	Page 1 of 1 8/31/2015 5:37PM User ID: CENLCEGLAREK
Ticket	Date	Truck	In / Out	In / Out Manifest	Customer	Bill. Units	Cubic Yards	Tons	Estimated Tons
153071118 - 138th St LLC/138th St	i St LLC/13	8th St			Global Job Number: 137631	ber: 137631			
700000290608 08/31/15	08/31/15	07MIDHAUL5	Ι	1118598	LCC334-LETTIRE CONSTRUCTION	35.370 Tn	0.00	35.37	0.00
700000290652	08/31/15	07MIDHAUL6	Ι	1118599	LCC334-LETTIRE CONSTRUCTION	34.490 Tn	0.00	34.49	0.00
700000290657	08/31/15	07MIDHAUL3	I	1118601	LCC334-LETTIRE CONSTRUCTION	$33.690 \mathrm{Tn}$	0.00	33.69	0.00
700000290693	08/31/15	07MIDHAUL1	Ι	1118602	LCC334-LETTIRE CONSTRUCTION	32.160 Tn	0.00	32.16	00:00
700000290778	08/31/15	07MIDHAUL2	H	1118603	LCC334-LETTIRE CONSTRUCTION	31.470 Tn	0.00	31.47	0.00
700000290823	08/31/15	07MIDHAULS	Ι	1118604	LCC334-LETTIRE CONSTRUCTION	36.880 Tn	0.00	36.88	00:0
700000290886	08/31/15	07MIDHAUL6	Ι	1118600	LCC334-LETTIRE CONSTRUCTION	34.290 Tn	0.00	34.29	00.00
700000290899	08/31/15	07MIDHAUL3	н	1118610	LCC334-LETTIRE CONSTRUCTION	35.170 Tn	0.00	35.17	0.00
700000290923	08/31/15	07MIDHAUL1	I	1118609	LCC334-LETTIRE CONSTRUCTION	32.640 Tn	0.00	32.64	00.00
700000290955	08/31/15	07MIDHAUL4	П	1118605	LCC334-LETTIRE CONSTRUCTION	32.450 Tn	0.00	32.45	0.00
153071118 - 138th St LLC/138th St 10 tickets and 10 transactions	St LLC/138 tions	8th St				l	0.00	338.61	0.00

Report Grand Totals

338.61

00.00

10 tickets and 10 transactions

v Š		Driver: Conzalez, Orlando
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. 61

Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07908 Ph: (732) 541-8909 Fax: (732) 541-8105	Manifest; 1118599 Vehicle ID: @7MIDHALLE Ustower: LETTIRE CONSTRUCTION CORP Generator: 138th St LLC Sen Address: 234-336 110th St Job Address: 255-36 110th St Job Address: 255 256 10th St Origin Guantity Unit	York Comment Type: 2 Dil Treatment Type: 2 Dil Treatment Type: 2 Dil Treatment Type: 3 Dio Treatment Type: 3 Dio Treatment Type: 49 Tns	Driver: Generator Generates, Orlando GENERATOR
•	ð.	3 8 2 	

Scale Of P.T. មានីល្អបាល់ មានីល្អបាល់ 153071118 138th St LLC/138th St 255 Easte 138th St 11:02:34 11:00:40 o m i 45.78 45.78 43.08 53.68 Sonzalez, Orlando Brenx, NY 10000 Quantity Unit e Se Se Se Ticket: 7000000290557 8/21/2015 8/31/2015 **のゆ *的**的 単次で公公公</l 1.0s 00448 000000 07000 €. ||----| |----| Facility Approvaliti Job Address: おかないいいいはない GENERATOR intaminate Type: 2 Oil Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil Materials & Services Charles and the Fex: (730) 541-8165 Customer: LETTIRE CONSTRUCTION CORP The second secon Soil TYRDAMBRON New York, NY 10000 138th St LLC 334-336 110th St Manifest: 1118601 Vehicle ID: 07MIDHAULS Clean Eafth of Carteret E4 Middlesex Avenue Carteret, NJ 67008 Ph. (732) 541-8909 Contaminate Denemberon Gen Address: さいにの 日路の() 10.人员为证法(A) New York Origin

78888888888888888888888888888888888888	Lbs Tns 90668 45.33 2634 <i>0</i> 13.17 64320 32.16	153071118 138th St LLC/138th St 255 Easte 138th St Bronx, NY 10029 Quentity Unit	32, 15 Ths	Gonzalez, Orlando	
Clean Rafth of Carteret Ca widdlesex Svenue Carteret, NJ 87888 Ch. (798) 541-8165	set: 1118682 ID: @TMIDH	Customer: LETTIRE CONSTRUCTION CORP Facility Approval®: Senerator: 138th St LLC Sen Address: 234-335 118th St New York, NY 10029	New York Contaminate Type: 2 Dil Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil Comment:	Eniver	GENERATOR

7000000290778 Date Time Scale 8/31/2015 12:23:25 Scale DE 8/31/2015 12:24:10 P.T.	105 88900 44.46 20980 10.99	153071118 138th St LLC/138th St 255 Easte 138th St Bronx, NY 10029 Quantity Unit	31.47 Tas		Sonzalez, Orlando
Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 Darteret, NJ 07008	Manifest: 1119600 ehicle ID: 07MIDH	Customer: LETTIRE CONSTRUCTION CORP Facility Approval#: Generator: 138th St LLC Gen Address: 334-336 110th St Gen Address: 334-336 110th St New York, NY 10089	nk Contaminate Type Treatment Type Fac Waste Code	Cospens:	

GENERATOR

Scale Scale (2 Facility Approval®: 153071118 Job Newe: 138th St LLC/138th St 14:87:58 含在10071004 OUR Haste 138th St 明年 Sonzalez, Orlando Bronk, NY 10000 Quantity Unit (ñ } [₩ トンロズャン: ノシラジののいりのののの 8/31/2015 Date 8/31/2015 34,89 93988 24578 68588 Jarer Reti Car Socrass Sycken a MACCION'S GENERATOR Fac Waste Code: Petroleum Contaminated Boil 15 ago 17 Materials & Services 0818-140 (001) 1141-8160 Customer: LETTIRE CONSTRUCTION CORP **发展** Soil Treatment New York, NY 10025 Gen Address: 334-336 110th St Type: 8 013 Type: 810 Generator: 138th St LLC Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07000 Fax: 75: (732) 54:-8900 Fax: Vehicle ID: W7MIDHAULS Manayanatt 1110000 このれをみをするのもなら Treatment Comment Driver. New York Origin

Ticket: 7000000000000000000000000000000000000	Date Tise Shale	in: 8/31/2015 14:17:46 Scale CE Out: 8/31/2015 14:19:37 P.T.	Las Tas Gross: 96400 48.20 Tare: 25060 13.03 Net: 70340 35.17	Approval%: 153071118 Job Name: 138th St LLC/138th St ib Address: 255 Easte 138th St Bronx, NY 19029	Buantity Unit	25, 17 Frs		Facility: Gonzalez, Orlando	
	Clear Fafth of Carteret	04 Middless Avenue Carteret, NJ 07000 Off. (780) Utilopbo Fax: (780) 54:-8:05	Manifest: 1118610 Vehicle ID: 07MIDWALK.3	Customer: LETTIRE CONSTRUCTION CORP Facility Ap Generator: 138th St LLC Sen Address: 324-325 110th/St New York, NY 10029	Origin Materials & Services	New York Contaminate Type: 2 Dil Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	Commens.	ORY SEVING	

700000290523 Date Time Scale 8/31/2015 14:39:40 Scale CE 8/31/2015 14:40:10 P.T.	155 91628 45,81 8348 13,17 65288	153071118 138th St LLC/138th St 255 Easte 138th St Bronx, NY 10029 Guantity Unit	133	benzalez, Urienou
Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 Dart (732) 541-8105 Dut: 8/	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Facility Approval*: 138th St LLC 334-335 110th St New York, NY 18025 Materials & Services	New York Contaminate Type: 2 011 Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil Comment:	B4RA GENERATOR

Scale Of 90000 Job Wage: 138th St LLC/138th St Job Address: 255 Easte 138th St 15:14:28 15:14:38 () () () () ង ក្រុ ព្រំក្រុំ ខេល្ខ ខេត្ត Bresz, NYVieson Guantity Unit Ω 15 16 Tight Topboodungund 0/31/0310 8/31/2019 ល ល្អ ហ្គុំ ហ្គុំ Facility Approval&: 153871118 Gonzalez, Dake 26180 84988 : 250] ame: # 00 00 0 £ 0 いなりと Facility: GENERATOR Fac Waste Code: Petroleum Contaminated Soil ತ್ತ ಕ್ಷಾರ್ನ್ನ Materials & Services 现现18十年中间(现代人) 中区中山 Customer: LETTIRE CONSTRUCTION CORP Soil Treatment New York, NY 10029 Generator: 136th St LLC Gen Address: 334-336 110th St Type: 8 Oil Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07008 ..ph. (732) 541-8905 Fax: Manifest: 1118605 Vehicle ID: 07MIDHANL4 Contestinate · 學院的報告前四次17 Comment: Dravers Many Wark Origin

P.O. 95000-3755 Philadelphia, PA 19195-0001

Ph: 215-734-1400 Fax: 215-734-1423



Credit Memo

Credit Memo Number: PSCM0002624 Credit Memo Date: 09/22/15 Page:

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Sold To:LETTIRE CONSTRUCTION CORP
334 - 336 EAST 110TH ST
NEW YORK, NY 10029
Martha

Ship To: 255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029

Customer ID	Customer PO	Applica	tion
LCC334		· · · · · · · · · · · · · · · · · · ·	voice
Sales Rep ID	Shipping Method	Ship Date	Due Date
JEN SCHROF			09/22/15

Item/Description	Job No.	Quantity	Unit	Unit Price	Total Price
RE: NY Sales Tax/Ful	l Set				
Ref Inv#PSI0069265	137631	1	Other	1,935.94	1,935.94
Ref Inv#PSi0069311	137631	1	Other	1,657.83	1,657.83
Ref Inv#PSt0069394	137631	1	Other	1,488.89	1,488.89
Ref (nv#PSI0069492	137631	1	Other	2,878.43	2,878.43
Ref Inv#PSI0069829	137631	1	Other	3,779.28	3,779.28
ANALYTIC Ref Inv#PSi0069829	137631	1	Unit	800.00	800.00
Ref Inv#PSI0069850	137631	1	Olher	1,472.53	1,472.53
	Transferred to page 2				14,012.90

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423

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Invoice

Invoice Number: PSI0070121 Invoice Date: 09/10/15 Order Number

COPY

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Page:

Sold To: LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address: 255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
LCC334		Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF		11/09/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
Transf	ferred from page 2	IN 1414411111111111111111111111111111111		•				31,112.06
137631	Soil Trealment Type II	09/03/15	700000293589	1 243 956	32.92	Tons	49.00	1,613.08
1 37631	Soil Trealment Type II	09/03/15	700000293616	1243842	32.98	Tons	49.00	1,616.02
137631	Soil Treatment Type II	09/03/15	700000293618	939387	32.34	Tons	49.00	1,584.66
137631	Analytical-Full Set & 6 TPH's				1	Ųnit	1,400.00	1,400.00
137631	Env, Energy, and ins Fee					N/C		

Project/Job#: Eus-138	Commitment # 265
Cost Code/Acct# 27280	Invoice Amount
L-12(40,638.49
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- 1 km en 2017 ett statet fra til fill forstatt en en forstatt statet forstatte forstatte forstatte forstatte for the state of the stat	3,312.67 (Medit attache)
Approved By: Azelile	Total: 37, 725.82

Amount Subject to Sales Tax 37,325.82 Amount Exempt from Sales Tax 0.00

Total Quantity: 733.18

Subtotal: Invoice Discount:

37,325.82 0.00

Totai Sales Tax:

Total:

40,638.49

3,312.67

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0070121 Invoice Date: 09/10/15 Order Number

COPY

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Page:

Sold To: LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address: 255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
LCC334		Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF	· · ·	11/09/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
137631	Soil Treatment Type II	09/03/15	700000292914	991375	27.01	Tons	49.00	1,323.49
137631	Soil Treatment Type II	09/03/15	700000292941	1243931	31.03	Tons	49.00	1,520.47
137631	Soil Treatment Type II	09/03/15	700000292942	990903	27.67	Tons	49.00	1,355.83
137631	Soil Treatment Type II	09/03/15	700000292967	939023	29.35	Tons	49.00	1,438.15
137631	Soil Treatment Type II	09/03/15	700000293012	939022	30.45	Tons	49.00	1,492.05
137631	Soil Treatment Type II	09/03/15	700000293032	1243963	30.5	Tons	49.00	1,494.50
137631	Soil Treatment Type II	09/03/15	700000293041	939019	30.66	Tons	49.00	1,502.34
137631	Soil Treatment Type II	09/03/15	700000293078	939385	24.24	Tons	49.00	1,187.76
137631	Soil Treatment Type II	09/03/15	700000293194	939021	29.1	Tons	49.00	1,425.90
137631	Soil Treatment Type II	09/03/15	700000293270	1243937	30.2	Tons	49.00	1,479.80
137631	Soil Treatment Type II	09/03/15	700000293312	990904	29.2	Tons	49.00	1,430.80
Transi	ferred to page 2	***************************************						15,651.09

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0070121 Invoice Date: 09/10/15 Order Number

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Page:

Sold To: LETTIRE CONSTRUCTION CORP

334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address:

255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
LCC334		Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF		11/09/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
Transf	erred from page 1							15,651.09
137631	Soil Treatment Type II	09/03/15	700000293320	1118620	30.16	Tons	49.00	1,477.84
137631	Soil Treatment Type II	09/03/15	700000293345	1118621	31.1	Tons	49.00	1,523.90
137631	Soil Trealment Type II	09/03/15	700000293351	1243887	31.8	Tons	49.00	1,558.20
137631	Soil Treatment Type II	09/03/15	700000293353	1118619	30.31	Tons	49.00	1,485.19
137631	Soil Treatment Type II	09/03/15	700000293377	939386	30.2	Tons	49.00	1,479.80
137631	Soil Treatment Type II	09/03/15	700000293498	939029	32.35	Tons	49.00	1,585.15
137631	Soil Treatment Type II	09/03/15	700000293572	1243943	32.63	Tons	49.00	1,598.87
137631	Soil Treatment Type II	09/03/15	700000293580	990902	29.43	Tons	49.00	1,442.07
137631	Soil Treatment Type II	09/03/15	700000293582	939018	34.01	Tons	49.00	1,666.49
137631	Soil Treatment Type II	09/03/15	700000293588	1243970	33.54	Tons	49.00	1,643.46
Transf	erred to page 3							31,112.06

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Profile: 153071118 Site ID: 307

Clean Earth of Carteret Profile Report

Transactions from 09/03/2015 through 09/03/2015 Inbound Tickets Only

User ID: CENLCEGLAREK

Page 1 of 2 9/4/2015 10:38AM

Third Party and Intercompany Customers Recycle and Disposal Material Sent and Unsent Tickets Full Details

,					Full Details				
Ticket	Date	Truck	In / Ou	In / Out Manifest	Customer	Bill. Units	Cubic Yards	Tons Es	Estimated Tons
153071118 - 138t	138th St LLC/138th St	8th St			Global Job Number:	r: 137631		***	
700000292914	09/03/15	07JDC4	Ι	991375	LCC334-LETTIRE CONSTRUCTION	27.010 Tn	0.00	27.01	0.00
700000292941	09/03/15	07GRANDA17	Ι	1243931	LCC334-LETTIRE CONSTRUCTION	31.030 Тп	0.00	31.03	0.00
700000292942	09/03/15	07LESCANO2	Ι	990903	LCC334-LETTIRE CONSTRUCTION	27.670 Tn	0.00	27.67	0.00
700000292967	09/03/15	07MCB8	Ι	939023	LCC334-LETTIRE CONSTRUCTION	29.350 Тп	0.00	29.35	0.00
700000293012	09/03/15	07JDC7	Ι	939022	LCC334-LETTIRE CONSTRUCTION	30.450 Tn	0.00	30.45	0.00
700000293032	09/03/15	07MCB7	Ι	1243963	LCC334-LETTIRE CONSTRUCTION	30.500 Tn	0.00	30.50	0,00
700000293041	09/03/15	07JDC8	Ι	939019	LCC334-LETTIRE CONSTRUCTION	30.660 Tn	0.00	30.66	0.00
700000293078	09/03/15	07JDC6	Ι	939385	LCC334-LETTIRE CONSTRUCTION	24.240 Tn	0.00	24.24	0.00
700000293194	09/03/15	07JDC4	Ι	939021	LCC334-LETTIRE CONSTRUCTION	29.100 Tn	0.00	29.10	0.00
700000293270	09/03/15	07GRANDA17	Ι	1243937	LCC334-LETTIRE CONSTRUCTION	30.200 Tn	0.00	30.20	0.00
700000293312	09/03/15	07LESCANO2	Ι	990904	LCC334-LETTIRE CONSTRUCTION	29.200 Tn	0.00	29.20	0.00
700000293320	09/03/15	07JDC7	Ι	1118620	LCC334-LETTIRE CONSTRUCTION	30.160 Tn	0.00	30.16	0.00
700000293345	09/03/15	07MCB7	Н	1118621	LCC334-LETTIRE CONSTRUCTION	31.100 Tn	0.00	31.10	0.00
700000293351	09/03/15	07JDC8	Ι	1243887	LCC334-LETTIRE CONSTRUCTION	31.800 Tn	0.00	31.80	0.00
700000293353	09/03/15	07MCB8	Ι	1118619	LCC334-LETTIRE CONSTRUCTION	30.310 Tn	0.00	30.31	0.00
700000293377	09/03/15	07JDC6	Η	939386	LCC334-LETTIRE CONSTRUCTION	30.200 Tn	0.00	30.20	0.00
700000293498	09/03/15	07JDC4	Ι	939029	LCC334-LETTIRE CONSTRUCTION	32.350 Tn	0.00	32.35	0.00
700000293572	09/03/15	07GRANDA17	Ι	1243943	LCC334-LETTIRE CONSTRUCTION	$32.630\ { m Tn}$	0.00	32.63	0.00
700000293580	09/03/15	07LESCANO2	Н	990902	LCC334-LETTIRE CONSTRUCTION	29.430 Tn	0.00	29.43	0.00
7,00000293582	09/03/15	07JDC7	Ι	939018	LCC334-LETTIRE CONSTRUCTION	34.010 Tn	0.00	34.01	0.00
700000293588	09/03/15	07MCB7	Ι	1243970	LCC334-LETTIRE CONSTRUCTION	33.540 Tn	0.00	33.54	0.00
700000293589	09/03/15	07MCB8	Ι	1243956	LCC334-LETTIRE CONSTRUCTION	32.920 Tn	0.00	32.92	0.00
700000293616	09/03/15	07CASTILLO6	Н	1243842	LCC334-LETTIRE CONSTRUCTION	32.980 Tn	0.00	32.98	0.00
700000293618	09/03/15	07JDC6	Ι	939387	LCC334-LETTIRE CONSTRUCTION	32.340 Tn	0.00	32.34	0.00
153071118 - 138th St LLC/138th St	h St LLC/13:	8th St				ī	0.00	733.18	0.00
24 lickels and 24 transactions	actions								

0.00	733.18	0.00					2. 191	Report Grand Totals 24 tickets and 24 transactions	Report 24 tickets a
Tons Estimated Tons	Tons	Cubic Yards	Bill. Units	Customer	In / Out Manifest	In / Out	Truck	Date	Ticket
Page 2 of 2 9/4/2015 10:38AM User ID: CENLCEGLAREK	User ID: CI			Clean Earth of Carteret Profile Report Transactions from 09/03/2015 through 09/03/2015 Inbound Tickets Only Third Party and Intercompany Customers Recycle and Disposal Material Sent and Unsent Tickets Full Details	Transac Th			7	sRpPrf.rpt Profile: 153071118 Site ID: 307

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0000 0001 0.√. 0.√. 153071118 132th St LLC/138th St 86:17:38 74,71,00 255 Easte 138th St 13.30 27.91 υ ΕΞ Σ---48, 33 Bronx, NY 16629 Orlando Quesstity Unit Sug MAINTANA PROCESSIONS 9/3/5012 9/3/5035 Gonzalez, ರಿತಿಕೆ နှင့် မြ 000000 STORES OF 040000 Hacility Approvales 100 KG Con Numer Jeb Address: Code: Petroleum Centaminated Soil 7yna 33 Materials & Services 10010-140 (1007) 11xxII Customen: LETTIRE CONSTRUCTION CORP Soil Ireatment Vehicle ID: Ø7JDC4 License: AK924W New York, NY 10029 324-336 118th St Type: 2 Dil 138th St LLC Clean Earth of Carteret Menifest: 491375 24 Middlesex Avenue Carteret, NJ 07008 Ph. (732) 541-8909 Tan Maste Contaminate 一个中央的特别电影的 Seasonatora Ben Address: いいのはほのない。 Drivers New York

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Code: Petroleum Contaminated Soil
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Jean Earth of Carteret Et Middlesex Avenue Carteret, NJ 07008 Ph: (722) 541-8909 Fax: (732) 541-8105	Manifest: 1243937 Vehicle ID: 076RANDG17	Customer: LETTIRE CONSTRUCTION CORP Facility Ap Sen Address: 334-336 110th St Sen Address: 334-336 110th St New York, NY 10029 Origin	New York Contaminate Type: 2 Dii Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	Comment: Tan

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Clean Earth of Carteret 24 Middlesex Avenue Carteret, NJ 07006 Fax: (732) 541-8909 / Fax: (732) 541-8105	Manifest: 929018 Vehicle ID: 073007 Net:	id	New York Contaminate Type: 2 Dil Treatment Type: Bio Fac Waste Code: Petroleum Contaminated Soil	Comment:

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5043 ಕ 500% ಅ 10,000,001 15:25:21 138th St LLC/138th 255 Easte 138th St 74. 40 60. 04 50 ₩ 47,72 Brosk, NY 18829 5 Crimando Ticket: 7888008293588 33. UA Quantaity 0/0/0010 9/3/2015 53871119 Sonzalez, ν Ω Γ., 28360 95440 57888 Facility Approval#: Joh Name: Job Address: 82048 Facility: Type: 2 Gil Type: Bio Code: Petroleum Contaminated Soil ο Ω. ≻. Materials & Services Max = (700) 041-0100 Oustomer: LETTIRE CONSTRUCTION CORP Soil Ireatment New York, NY 10029 138th St LLC 334-336 110th St Clean Earth of Carteret Manifest: 1040070 87MCB7 24 器iddlesex Avenue Carteret, NJ 87808 Ph: (732) 541-8909 Contaminate でいるようなのはで ೯೩೮ %ಕಽಭಿಕ Venicle ID: Generatore Sen Address: Comment: Drivers Mew York Origin

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ROLVER RESERVE

Oriendo

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0070134 Invoice Date: 09/10/15 Order Number

Payment Terms

COPY

Faster, smarter, greener solutions...

Customer PO

Page:

Sold To: LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029

Customer No.

12,299.00

Site Address:

255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

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37631	Soil Treatment Type II	09/04/15	700000293852	1136758	29.38	Tons	49.00	1,439.62
37631	Soil Treatment Type II	09/04/15	700000293893	1136752	27,21	Tons	49.00	1,333.29
37631	Soil Treatment Type II	09/04/15	700000293928	1136755	27.38	Tons	49.00	1,341.62
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sRpPrf.rpt Profile: 153071118 Site ID: 307				Transac Th	Clean Earth of Carteret Profile Report Transactions from 09/04/2015 through 09/04/2015 Inbound Tickets Only Third Party and Intercompany Customers Recycle and Disposal Material Sent and Unsent Tickets Entl Details			Page 1 of 1 9/8/2015 6:57AM User ID: CENYWASHINGTON	Page 1 of 1 9/8/2015 6:57AM VASHINGTON
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Origin Clean Marth of Carteret Ph. (758) S41-8989 NA MAGGIOGEX SVEDGE Carteret, NJ 07008 Sen Address: Vehicle ID: 07JSL19 Generator: Manifest: 1136757 Customer: LETTIRE CONSTRUCTION CORP Contaminate 198th Of LLC New York, NY 10029 Fax: (700) 041-8180 Soil Treatment MARKATIAIN & WATCHOOK Facility Approval#: Job Address: Job Name: Tinket: 7000000293950000 07055; 1070 t Zect 4 000 1-4 23 255 Easte 138th St Bronx, NY 10029 153071118 27350 79629 9/4/2018 000000 9/4/2015 **Buantity** ů E ្រាល់ ស្នា ស PO Gri 99, 68 ~ 집 댓 00 to 00:43:34 多型: 小山: YOU --{ :: :: :: :: さい 単の o ~ 91400 Of wile

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MAN YOUK Origin Clear Marth of Carteret Carteret, NJ 07006 Th: (768) 541-8989 のか まれのむいのちの× のvのここの Den Address: vehicle ID: 07/3018 Generators Customer: LEITIRE CONSTRUCTION CORP MODE TOUT! Contaminate 一个中央作品中国的 1135706 138th St LLC New York, NY 19629 Fax: (700) 541-6105 Soil Treatment 医现代的过去式和过去分词 的复数人名印度的 e ed∧j j Facility Approval#: კით მტტულის: Job Name: Ticket: 7000000294021 0880 cs : 1976 B Z000 COU Maste Masth St Bronx, NY 10029 108th St LLC/108th 153071118 43580 8997.7 597 9/4/2015 9/4/2015 **39999** Quantity Unit Chica o P1.79 ----} ⊡ (n (3) (5) (6) ≥4.04 €1.79 10:15:18 10:10:11 10:11 10:11 -ដ ដូវ ពេ ij me ណូ ر ا ញា មួយ មួយ SCALE

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STATE OF THE Mew York Clear Beret of Carteres 6.000 0.000 Carteret, NJ 07008 MA Middlesex Avenue Gen Address: Vehicle ID: 0735112 Generator: 就是自己的的方式,可以的自己的文 Customer: LETTIRE CONSTRUCTION CORP Contentinete 334-335 110th St New York, NY 10029 139th St LLC TOX (TOO) UAL-OLOU Soil Treatment Materials & Services ~ \$100 B Z X Facility Approval#: Jeb Address: Job Wame: 下述的大量中世 一乙烯烯烯烯烯烷的 化多种物的 计一种对象 Grass: ្ត ១០១០១ Zet: 0250 3~4 (2) 64 138th St LLC/138th 255 Easte 138th St 153071118 Bronx, NY 10029 90000 9000 9000 84288 9/4/2015 9/4/2018 Suantity ν Ω, 医免疫性 96. 20 ម្រាន់ម 0440 0440 4004 4008 ્રા ∷ુ 112:47:00 MM 0000000 . ⊒2 ⊷**ն** ಚ Ծ ហុ ာ -ျ ອາໄດ້ ເປັນໄດ້ Scale

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Washington,

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Clean Earth of Carteret, LLC

P.O. Box 95000-3755

Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423

Invoice

Invoice Number: PSI0070375 Invoice Date: 09/14/15 Order Number

Page:

<u>CLEANOAR</u>TH

Commitment # Project/Job#: asler, smarler, greener solutions... Invoice Amount Cost Code/Acct# Sold To: Site Address: LETTIRE CONSTRUCTION CORP 255 East 138th St Project 334 - 3<u>86 EAST 110TH ST</u> 212-996-6640 NEW YORK, NY 10029 255 Easte 138th St Bronx, NY 10029 Total: Approved By: Joe Vitale

1 Warren

Customer No.	Customer PO	Payment Terms
LCC334	"	Net 60 Days
Sales Rep ID	Shipping Method	Payment Due
JEN SCHROF		11/13/15

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
137631	Soil Treatment Type II	09/09/15	700000295447	1244463	36.7	Tons	49.0 0	1,798.30
137631	Soll Treatment Type II	09/09/15	700000295483	1244452	32.54	Tons	49.00	1,594.46
137631	Soll Treatment Type II	09/09/15	700000295493	1 244 453	33.76	Tons	49.00	1,654.24
137631	Soli Treatment Type II	09/09/15	700000295520	1244454	33.45	Tons	49.00	1,639.05
137631	Soil Treatment Type II	0 9/0 9 /15	700000295669	1244455	32.06	Tons	49.00	1,570.94
137631	Soil Treatment Type II	09/09/15	700000295708	1244456	32.2	Толѕ	49.00	1,577.80
13 76 31	Soil Treatment Type II	09/09/15	700000295743	1244457	33.46	Tons	49.00	1,639.54
137631	Soil Treatment Type II	09/09/15	700000295746	1244458	35.26	Tons	49.00	1,727.74
137631	Soil Treatment Type II	09/09/15	700000295882	1244459	31.83	Tons	49.00	1,559.67
137631	Soil Treatment Type II	09/09/15	700000295901	1244460	29.2	Tons	49.00	1,430.80
137631	Env, Energy, and Ins Fee				ا م	N/C		MAD

2-226 N/C

Amount Subject to Sales Tax

0.00

Amount Exempt from Sales Tax 16,192.54

Total Quantity: 330.46

Subtotal: Invoice Discount:

16,192.54 0.00

Tax: 0.00

Total:

16,192.54

sRpPrf.rpt Site ID: 307 Profile: 153071118 10 tickets and 10 transactions 153071118 - 138th St LLC/138th St 153071118 - 138th St LLC/138th St = 700000295447 Ticket 700000295483 700000295746 700000295708 700000295669 700000295901 700000295882 700000295743 700000295520 700000295493 09/09/15 09/09/15 09/09/15 09/09/15 09/09/15 09/09/15 09/09/15 09/09/15 09/09/15 09/09/15 Date Truck 07SHIR36 07SHIR22 07SHIR36 07SHIR2 07SHIR4 07SHIR22 07SHIR36 07SHIR2 07SHIR2 07SHIR4 In / Out Manifest 1244459 1244458 1244456 1244452 1244460 1244455 1244453 1244457 1244454 [244463 Transactions from 09/09/2015 through 09/09/2015 Third Party and Intercompany Customers Recycle and Disposal Material LCC334-LETTIRE CONSTRUCTION Customer Clean Earth of Carteret Sent and Unsent Tickets Inbound Tickets Only Profile Report Full Details Global Job Number: 137631 31.830 Tn 29,200 Tn 35.260 Tn 32.200 Tn 32.060 Tn 33.760 Tn 32.540 Tn 36.700 Tn 33.460 Tn 33.450 Tn Bill. Units Cubic Yards 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 User ID: CENYWASHINGTON 330.46 29.20 31.83 35.26 33.46 32.20 32.06 33.45 32.54 33.76 36.70 Tons Estimated Tons Page I of I 9/10/2015 8:24AM 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Report Grand Totals
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	1 1 1 1 1 1 1 1	36, 70		New York Soil Treatment Type II
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(Ŧ	LC/138th St	13847 54 []		Generator: 138th St LLC
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T & B T & B T & B T & B	47 Time 08:23:04 08:23:30	700000025544 Date 9/9/2015 9/5/2015	Ticket of the transfer of the	Clean Earth of Carteret 24 Middlesex Avenue Capteret, NJ 07006 Ph: (732) 541-8909 Fax: (732) 541-8105

Origin Olean Earth of Carteret 24 Middæesex Avenue Ph: (732) 541-8908 Catteret, NJ 67000 Sen Address: Vehicle ID: 075HIRDS Semerator: Manifest: 1844408 Castomer: LETTIRE CONSTRUCTION CORP 334-335 light St New York, NY MESSES 71) 90 % Sore Freehament 医外骨骨骨上的 地名 (732) 541-8105 Services IJ advī Facility Approval#: Job Address: Joh Wamer Tinket: Tooooonion488 មិស្សាសម្រ ~0.70 Z 6 4 ... CONTRACTOR STATE OF Bronx, NY 19809 153071118 138th St LLC/138th කත්තවල කමා (වර 89316 sq1 9/9/2015 979/2015 Quantity Unit O CHARLES 3466 Sign City សេស ១ ១ ១ ១ ១ ១ ១ ១ ១ ១ ១ ១ 04:44:40 60:44:00 .പ് ლ 计多数电 (i) ម ក្រុ SCB re A

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Sonzalez, Orlando

MOS YOUX uzātu Clean Earth of Carteret 9868-145 (282) s41-8988 Capteret, NJ 07008 MA KILLIKOSOX EVORUS Generator: 138th St LLC Gen Address: 334-336 110th St じていくのごこ Vehicle ID: 075HIR22 Manifest: 1244455 Customer: LETTIRE CONSTRUCTION CORP Comments: ្រួកក្នុងក្នុងក្នុង TOP MOSTO Treatment New York, NY 19600 Type: Bio Code: Petroleum Contaminated Soil Type: 2 Bil Fax: (700) 541-0105 Soil Treatment **蒸食さりていりいい 松 ののかくいりのり** ुर कलेंकी Facility Approval#: Job Address: Theility: Joh Neme: CLOKet: TOOOOOOOUSH403 Gross: o E Net: Sonzalez, Srlando 138th St LLC/138th 255 Easte 138th St 153071118 Bronx, NY 10029 83258 883579 92720 9/9/2015 5102/6/8 Quantity Unit 1) 0 t e [" [] [] 33° 76 해 발 5 ក្ ក្ កូស្គី កូស្គី 45, 35 88:50:26 08:47:57 ક સ્ટુ □ 2.22 12.22 13.22 14.23 14.24 14. ti) a (805 T) ១០ឩ≟ខ

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Clean Earth of Carteret 24 Middlesex Avenue Ph. (732) 541-8909 Camberet, NJ 07008 Vehicle ID: 075HIRZ6 Customer: LETTIRE CONSTRUCTION CORP Contasinate Fac Waste Code: Petroleum Contaminated Soil Treatment 1884-886 11864 St 1244456 New York, NY 10009 Type: Bio 们 例 ※ Soil Treatment Materials & Services (732) S41-0105 II edki Facility Approval&: はない Job Address: 可通行生经主管好事 Job Name: Ticket: 70000000000706 3204E មាន មាន ក្រុ Wet: 0,53 Gonzalez, 138th St LLC/138th 255 Easte 138th St Brosx, NY 10029 153071118 00188 88586 597 9/9/2015 9/9/2015 のゆをゆの Quantity Unit 中里多個 Digital Co Orlando មាន មាន တွင်း တွင်းတို့ လို့ဆိုလို 44.140.00 112:200:40 100 B (j) ro H 00 00 00 00 00 00 00 00 00 00 C

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S E E Zew Korr Ph: (732) 541-8909 Carteret, NJ 07000 Clean Farth of Carteret E4 Middlesex Avenue Gen Address: Vehicle ID: 07SHIRE1 Generator: Customer: LETTIME CONSTRUCTION CORP Menifest: 1044400 Costeminate Treatment Fac Waste Code: Petroleum Contaminated Soil 138th St LLC New York, MY 10009 Type: Bio Type: N Dil Fax: (200) 041-0100 SALE Treatment Materials & Dervices 17 00 V Facility Approval#: ķ 100 9007ess: Job Name: Ticket: 700000255882 Grassa 1976 2000 000 138th St LLC/138th 255 Easte 138th St WYORK, NY 18600 153071116 9/9/2015 079779615 89788 Buantity Unit r G <u>ៗ</u>ឯ៥ ខ 44. 88. 88. 88. 88. ะส เร 12:58:50 10:08:08 ្យ ដ ហ ₹jæ æp Ś . ដូច ពីពីពី ពីពី ម្តី មាន n

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KON YOUK Origin PT: (702) 541-0969 Carteret, NJ 07008 Clean Earth of Carteret 24 Middlesex Avenue Sen Address: <u>Driver</u>: Vehicle ID: 075HIRGS 第中国の子の後の子! Manifest: 1244460 Customer: LETTIRE CONSTRUCTION CORP Comment: Contaminate TAN WASSE Treatment 138th St LLC Wes York, NY 10000 Code: Fetroleum Contaminated Coil Type: 2 Dil Type: Bio ግ) ወ × Soil Ireatment Mandadials & Genvines (732) 541-8185 12 BC61 Taninity Coproveler Ö Joh Address: Pacility: Job Nume: Ticket: 700000000000000 Brossa 1000 C 22.6cm 0 6 6 7 Sonzalez, Orlando ess Easte Bronx, NY 1000 Oct 153071118 00400 004000 84598 155 9/9/2015 8185/8/8 Duantity Unit Date n M M M ELC/138th 100000 1000000 138th St യെയും ഇയില് വെന്ന് വെന്ന് വേന്ന് ഇ ഗ 13:10:41 13:15:30 (f) m H etene ST# 20 n

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Clean Earth of Carteret, LLC

P.O. Box 95000-3755 Philadelphia, PA 19195-0001

Phone: 215-734-1400 Fax: 215-734-1423



Invoice

Invoice Number: PSI0070728 Invoice Date: 09/23/15 Order Number

COPY Faster, smarter, greener solutions...

Page:

Sold To: LETTIRE CONSTRUCTION CORP 334 - 336 EAST 110TH ST NEW YORK, NY 10029 Site Address: 255 East 138th St Project 212-996-6640 255 Easte 138th St Bronx, NY 10029 Joe Vitale

Customer No.	Customer PO	Payment Terms
LCC334		Net 60 Days
	Shipping Method	Payment Due
Sales Rep ID	Silipping Medica	11/22/15
JEN SCHROF L		

Job No.	Description	Scale Date:	Ticket No.	Manifest No.	Quantity	Unit	Unit Price	Total Price
137631	Soil Treatment Type II	09/21/15	700000301313	1136896	31.73	Tons	49.00	1,554.77
137631	Soll Treatment Type II	09/21/15	700000301327	1136897	29.68	Tons	49.00	1,454.32
137631	Soil Treatment Type II	09/21/15	700000301339	1136898	28.91	Tons	49.00	1,416.59
137631	Soil Treatment Type II	09/21/15	700000301356	1136902	28.38	Tons	49.00	1,390.62
137631	TPH's 9/9/2015				2	Uni	t 100.00	200.00
137631	TPH 9/21/2015				1	Uni	100.00	100.00
137631	Env, Energy, and Ins Fee					N/C	;	

Project/Job#: FPS-/3P	Commitment #
Cost Code/Acet#	Invoice Amount
programme and the contract of	- Tage supposite to 1. HTTV/WY-7-Classer-Life (MINUS) company where
THE POST OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE POST OF THE PO	gy ja vijasty maesti pytintaty (4. v s transki pys czadowie naje observanie naje
Approved By:	Total:

1906/2016

Amount Subject to Sales Tax 0.00 Amount Exempt from Sales Tax 6,116.30

Total Quantity: 118.70 Subtotal: Invoice Discount: Tax: 6,116.30 0.00 0.00

Total:

6,116.30

sRpPrf.rpt Profile: 153071118 Site ID: 307				Transac	Clean Earth of Carteret Profile Report Transactions from 09/21/2015 through 09/21/2015 Inbound Tickets Only Third Party and Intercompany Customers Recycle and Disposal Material Sent and Unsent Tickets Full Details			User ID: CENY	Page 1 of 1 9/22/2015 7:01AM User ID: CENYWASHINGTON
. Ticket	Date	Truck	In / Out	In / Out Manifest	Customer	Bill. Units	Cubic Yards	Tons	Tons Estimated Tons
153071118 - 138th St LLC/138th St	st LLC/13	8th St			Global Job Number: 137631	oer: 137631			
700000301313 09/21/15	09/21/15	07JSL15	Ι	1136896	LCC334-LETTIRE CONSTRUCTION	$31.730\mathrm{Tn}$	0.00	31.73	0.00
700000301327 09/21/15	09/21/15	07JSL19	Ι	1136897	LCC334-LETTIRE CONSTRUCTION	$29.680 \mathrm{Tn}$	0.00	29.68	0.00
700000301339 09/21/15	09/21/15	07JSL18	_	1136898	LCC334-LETTIRE CONSTRUCTION	$28.910 \mathrm{Tn}$	0.00	28.91	0.00
700000301356 09/21/15	09/21/15	07JSL17	П	1136902	LCC334-LETTIRE CONSTRUCTION	28.380 Tn	0.00	28.38	0.00
153071118 - 138th St LLC/138th St 4 tickets and 4 transactions	1 St LLC/13 2775	8th St				I	0.00	118.70	0.00

Report Grand Totals

118.70

0.00

4 tickets and 4 transactions

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Week Kork
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Ph: (732) 541-8909
                                                                                                                                                                                                                                                                                                                                         Clean Earth of Carteret
24 Middlesex Avenue
                                                                                                                                                                                     Generator: 138th St LLC
Gen Address: 334-335 110th St
           Dravers:
                                                                                                                                                                                                                                                          Manifest: 1136896
Vehicle ID: 07/9L15
                                                                                                                                                                                                                               Customer: LETTIRE CONSTRUCTION CORP
                                                      Comments:
                                                                                  K Soil Treatment Type II
Contaminate Type: C Dil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil
                                                                                កាលប ន័យល់វាល
                                                                                                                                                                     New York, NY 10023
                                                                                                                                                                                                                                                                                                            Max: (738) 841-8188
                                                                                                                                                        Materials & Dervices
                                                                                                                                                                                        Femility Approval#: 153071118
Job Name: 138th St LLC/138th St
Job Address: 255 Easte 138th St
             Facility:
                                                                                                                                                                                                                                                                                                                                                                Ticket: 7000000501313
                                                                                                                                                                                                                                                                         @#055;
                                                                                                                                                                                                                                              Gonzalez, Orlando
                                                                                                                                                                                                                                                                                                                                 Date Time
9/21/2015 08:46:02
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Domment:	Soil Treatment Type II went Type: 2 Oil went Type: Bio aste Code: Petroleum Contaminated	Customer: LETTIRE CONSTRUCTION CORP Generator: 138th St LLC Sen Address: 334-336 118th St New York, NY 18829 Origin ' Materials & Services	Manifest: 1136897 Vehicle ID: 07JSL19	Clean Earth of Darteret 24 Middlesex Avenue Carteret, NJ 07008 Ph. (732) 541-8909 · Fax: (732) 541-8105	
я 0 11 4 4	(f) (d) (d)	Approvals: Job Name: Address:	Gross Tares · Nets	0 0 0 2 4 4 6 6	
Sonzalez, Or	99 69 69	153071118 138th St LLI 255 Easte 1 Bronx, NY 11	2019 2019 2019 2019 2019 2019 2019 2019	70000000000000000000000000000000000000	
i ando	្តា ម	C/136th 38th St 8029 Unit	0 4 400 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	90000000000000000000000000000000000000	や土地
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Fac Waste Codes Petroleum Contaminated Boil