

CLIENT: DATE: **PROJECT No.:** 170362702 Monday October 31, 2022

Sunny; 52 – 65 F, PROJECT: WEATHER: 23-15 44th Road

Wind: SW @ 0.5 – 4.4 mph LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 6:45 a.m. – 4:45 p.m.

LLC

BCP SITE ID: MONITOR: Gabriella DeGennaro C241189

EQUIPMENT: PRESENT AT SITE:

2 Excavator CAT 355F Langan: Gabriella DeGennaro, Tyler Pollock, Shrinidhi

Shetty, Hamed Touchaei 1 Delmag Drill Rig 1 Liebherr Drill Rig ECD: Justin Brennan

Carmel Partners: Craig Goldberg, Angelo Ingrati 1 Excavator HITACHI 85 USB

1 Junttan PM 25H

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

- ECD used a CAT 355F excavator to excavate an area of about 15 feet long by 10 feet wide by 2 feet deep (corresponding to 8 feet below former site grade [bfsg]) in Waste Characterization Grid (WCG) COMP C. Excavated non-hazardous soil/fill was added to the existing stockpile in WCG COMP C for future disposal.
- ECD used a HITACHI 85 USB excavator to excavate an area of about 5 feet long by 5 feet wide by 2 feet deep (corresponding to 17 feet bfsg) in WCG COMP D. Excavated non-hazardous soil/fill was added to the existing stockpile in WCG COMP C.
- ECD used a HITACHI 85 USB excavator to excavate and grade an area of about 10 feet long by 4 feet wide by 2 feet deep (corresponding to 17 feet bfsg) in WCG COMP H. Excavated non-hazardous soil/fill was stockpiled adjacent to the excavation area in WCG COMP H for future disposal.
- ECD used a CAT 355F excavator to excavate an area of about 12 feet long by 8 feet wide by 2 feet deep (corresponding to 8 feet bfsg) in WCGs COMP F and G. Excavated soil was added to the existing stockpile in WCG COMP F for future disposal.
- ECD vertically installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane along the lagging in WCG COMP H in the northern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
		racking Pad tone	2"- 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone	
Facility/Material	Braen	of Sparta	Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafay	ette, NJ	Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	12	293.39	0	0
DEC Approved Amount		Tons*	480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• No material was exported from the site.

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	25			
Hazardous Soil/Fill	Quantity (CY)	0	460			
Bayshore Soil Management	No. Loads	0	139			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	2,780			
Middlesex County Utilities Authority Landfill	No. Loads	0	682			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	13,640			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	4			
	Quantity (CY)	0	80			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

• Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:

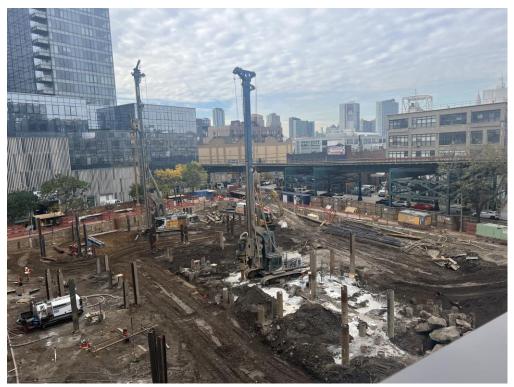


Photo 1: General view of the site (facing southwest).

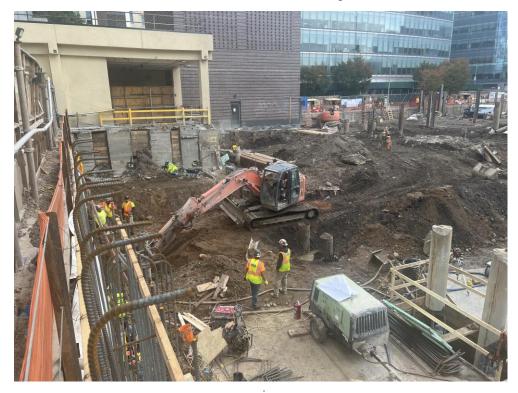


Photo 2: ECD excavating an area in WCG COMP H (facing east).



Photo 3: ECD excavating an area in WCG COMP G (facing west).

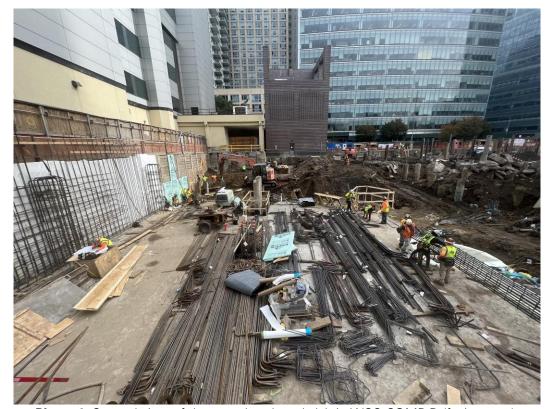
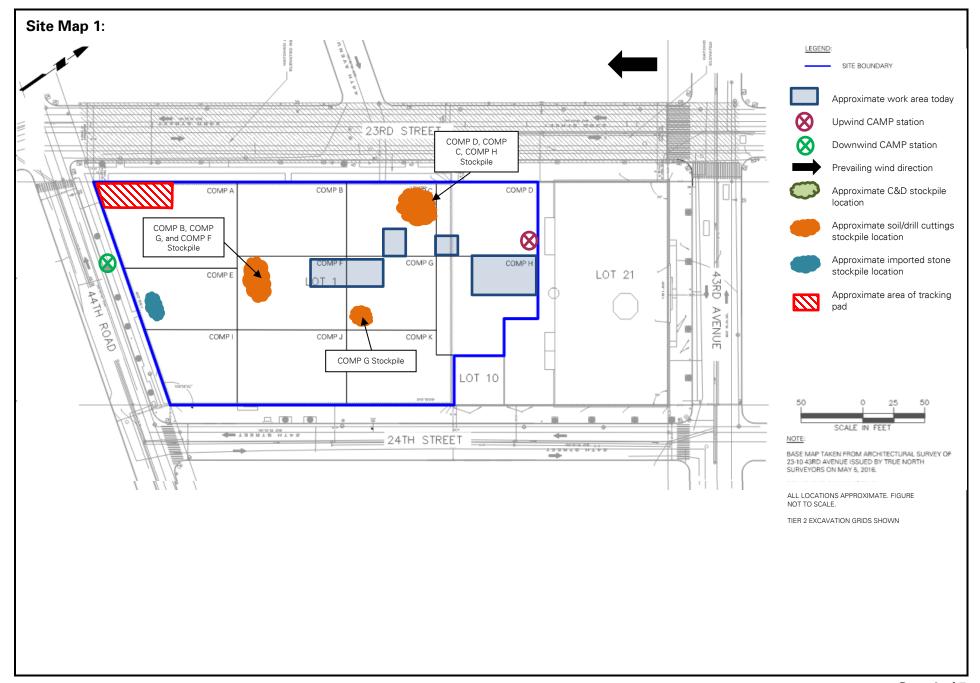
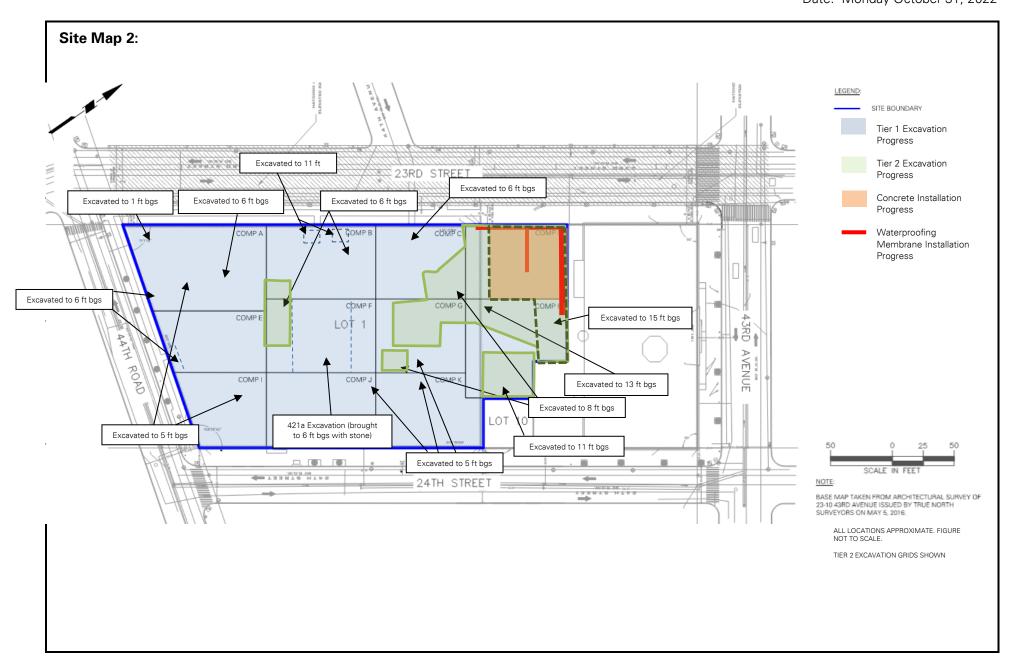


Photo 4: General view of the completed mud slab in WCG COMP D (facing east).



SITE OBSERVATION REPORT - RAWP Day 134







DATE: **PROJECT No.:** CLIENT: 170362702 Tuesday November 1, 2022

Sunny; 60 – 68 F, **PROJECT:** WEATHER: 23-15 44th Road

LLC

Wind: W @ 1.2 – 3.3 mph LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 6:45 a.m. – 6:00 p.m.

BCP SITE ID: C241189 **MONITOR:** Gabriella DeGennaro

EQUIPMENT:

2 Excavator CAT 355F

1 Delmag Drill Rig 1 Liebherr Drill Rig

1 Excavator HITACHI 85 USB

1 Junttan PM 25H

PRESENT AT SITE:

Langan: Gabriella DeGennaro, Tyler Pollock, Shrinidhi

Shetty, Hamed Touchaei ECD: Justin Brennan

Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

- ECD used a CAT 355F excavator to load a portion of the non-hazardous soil/fill from the stockpile in Waste Characterization Grid (WCG) COMP C (consisting of material from COMP C, COMP D, and COMP H) into trucks for offsite disposal at Middlesex County Utilities Authority Landfill (MCUA) in East Brunswick, NJ.
- ECD vertically and horizontally installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane along the formwork for the pile caps and grade beams in WCG COMP D in the northern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
		racking Pad tone	2"- 4" Tracking Pad Stone		2″– 4″ Tracking Pad Stone	
Facility/Material	Braen	of Sparta	Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafay	ette, NJ	Franklin, NJ Haledon, NJ		don, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	12	293.39	0	0
DEC Approved Amount	480	Tons*	480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• ECD exported 28 loads (560 CY) of non-hazardous soil/fill from COMP C (6'-12'), COMP D (8'-16'), and COMP H (8'-14') to MCUA.

Soil/Fill Export Summary						
Facility	Exported	Exported Today				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	25			
Hazardous Soil/Fill	Quantity (CY)	0	460			
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	119			
	Quantity (CY)	0	2,380			
Middlesex County Utilities Authority Landfill	No. Loads	28	710			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	560	14,200			
Clean Earth of North Jersey Kearny, NJ	No. Loads	0	4			
Hazardous Soil/Fill	Quantity (CY)	0	80			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

• Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:

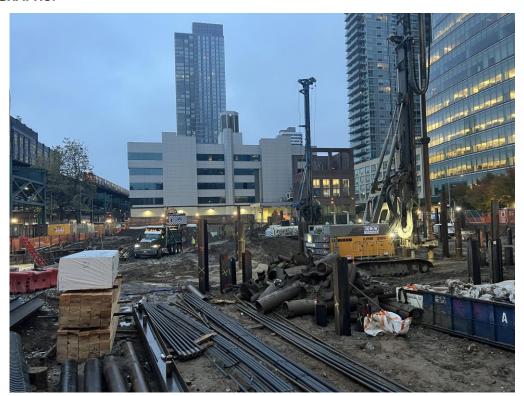


Photo 1: General view of the site (facing north).



Photo 2: ECD loading non-hazardous soil/fill from the stockpile into a disposal truck (facing north).

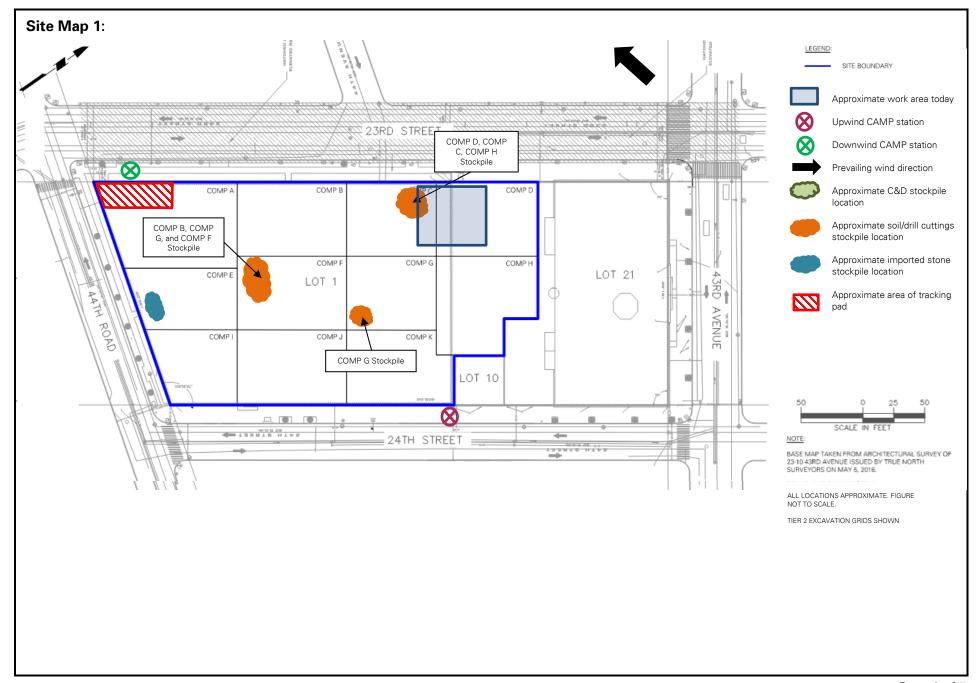


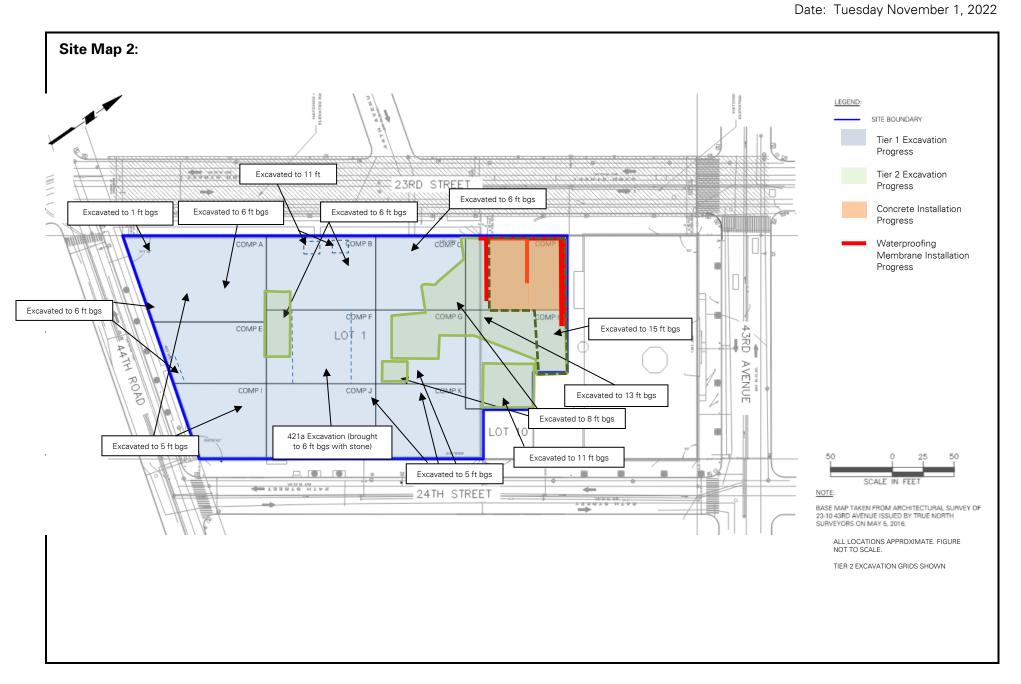
Photo 3: A disposal truck preparing to leave site (facing west).



Photo 4: ECD installing vapor barrier in WCG COMP D (facing east).









DATE: **PROJECT No.:** CLIENT: 170362702 Tuesday November 1, 2022

Sunny; 60 – 68 F, **PROJECT:** WEATHER: 23-15 44th Road

LLC

Wind: W @ 1.2 – 3.3 mph LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 6:45 a.m. – 6:00 p.m.

BCP SITE ID: C241189 **MONITOR:** Gabriella DeGennaro

EQUIPMENT:

2 Excavator CAT 355F

1 Delmag Drill Rig

1 Liebherr Drill Rig

1 Excavator HITACHI 85 USB

1 Junttan PM 25H

PRESENT AT SITE:

Langan: Gabriella DeGennaro, Tyler Pollock, Shrinidhi

Shetty, Hamed Touchaei ECD: Justin Brennan

Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

- ECD used a CAT 355F excavator to load a portion of the non-hazardous soil/fill from the stockpile in Waste Characterization Grid (WCG) COMP C (consisting of material from COMP C, COMP D, and COMP H) into trucks for offsite disposal at Middlesex County Utilities Authority Landfill (MCUA) in East Brunswick, NJ.
- ECD vertically and horizontally installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane along the formwork for the pile caps and grade beams in WCG COMP D in the northern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
		racking Pad tone	2"- 4" Tracking Pad Stone		2″– 4″ Tracking Pad Stone	
Facility/Material	Braen	of Sparta	Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafay	ette, NJ	Franklin, NJ Haledon, NJ		don, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	12	293.39	0	0
DEC Approved Amount	480	O Tons* 480 Tons*		480	Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• ECD exported 28 loads (560 CY) of non-hazardous soil/fill from COMP C (6'-12'), COMP D (8'-16'), and COMP H (8'-14') to MCUA.

Soil/Fill Export Summary						
Facility	Exported	Exported Today				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	25			
Hazardous Soil/Fill	Quantity (CY)	0	460			
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	139			
	Quantity (CY)	0	2,780			
Middlesex County Utilities Authority Landfill	No. Loads	28	710			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	560	14,200			
Clean Earth of North Jersey Kearny, NJ	No. Loads	0	4			
Hazardous Soil/Fill	Quantity (CY)	0	80			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

• Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:

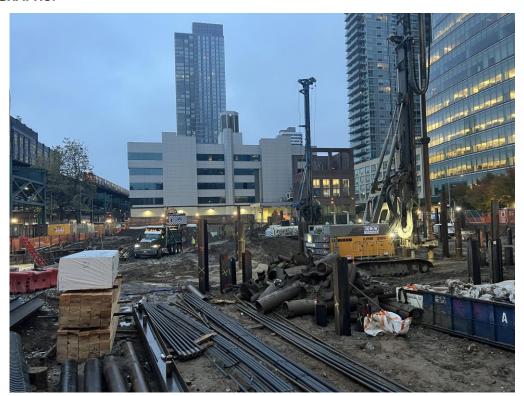


Photo 1: General view of the site (facing north).



Photo 2: ECD loading non-hazardous soil/fill from the stockpile into a disposal truck (facing north).

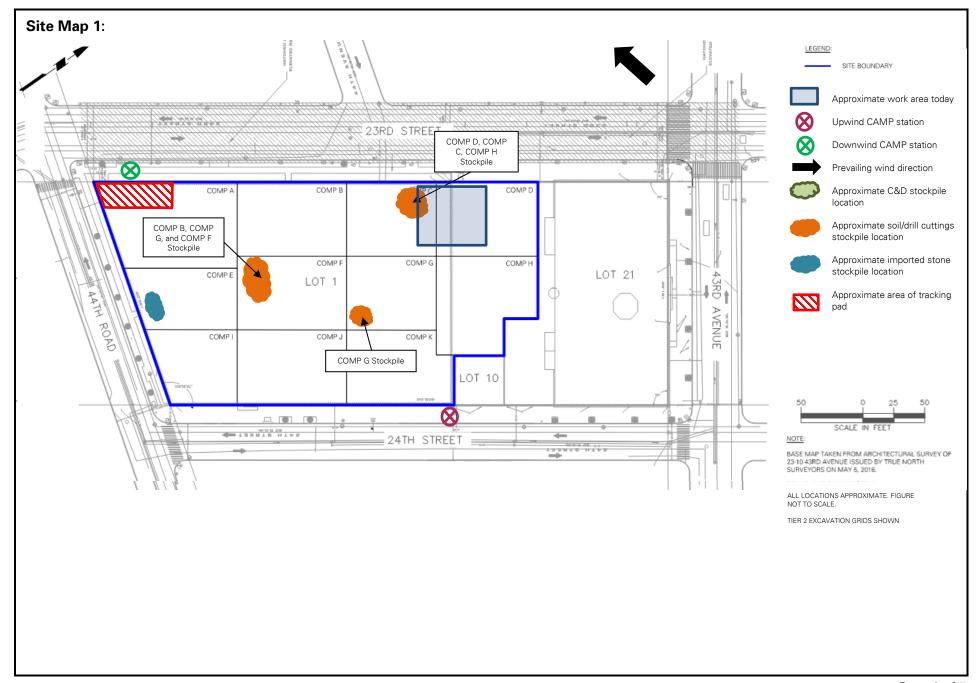


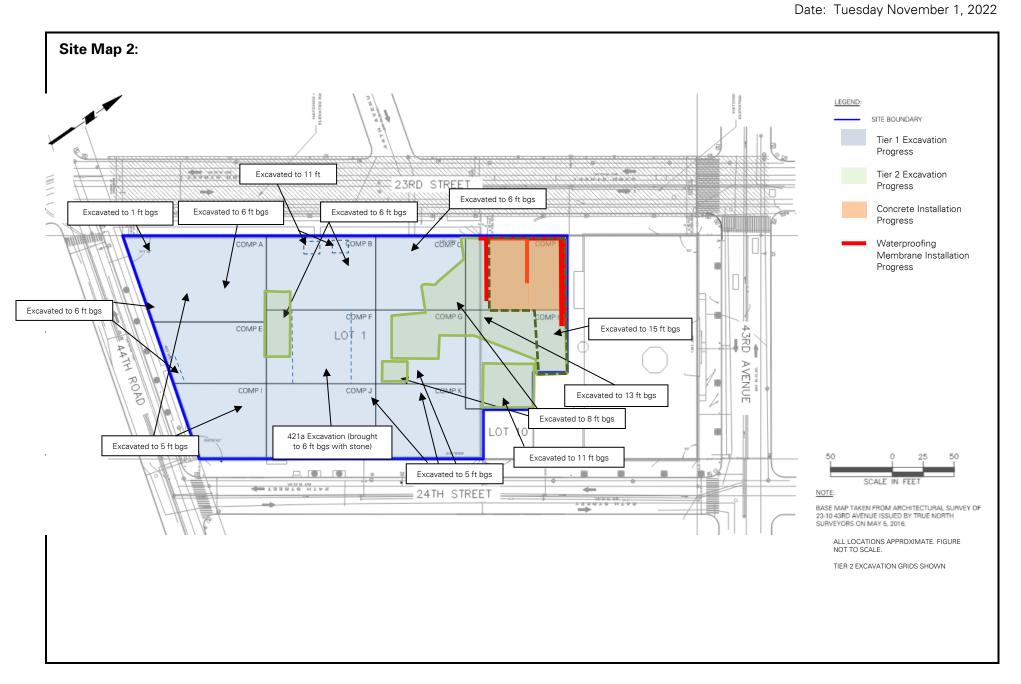
Photo 3: A disposal truck preparing to leave site (facing west).



Photo 4: ECD installing vapor barrier in WCG COMP D (facing east).









CLIENT: DATE: **PROJECT No.:** 170362702 Wednesday November 2, 2022

Sunny; 56 – 71 F, PROJECT: WEATHER: 23-15 44th Road

LLC

Wind: NNE @ 1.3 – 4.4 mph LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 6:45 a.m. – 5:00 p.m.

BCP SITE ID: C241189 **MONITOR:** Gabriella DeGennaro

EQUIPMENT: PRESENT AT SITE:

2 Excavator CAT 355F Langan: Gabriella DeGennaro, Tyler Pollock, Shrinidhi

1 Delmag Drill Rig Shettv

1 Liebherr Drill Rig ECD: Justin Brennan

1 Excavator HITACHI 85 USB Carmel Partners: Craig Goldberg, Angelo Ingrati 1 Junttan PM 25H

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

- ECD used a CAT 355F excavator to load a portion of the non-hazardous soil/fill from the stockpile in Waste Characterization Grid (WCG) COMP C (consisting of material from COMP C, COMP D, and COMP H) into trucks for offsite disposal at Middlesex County Utilities Authority Landfill (MCUA) in East Brunswick, NJ.
- ECD imported one load (24.95 tons) of 2" 4" tracking pad stone from Braen Aggregates LLC in Franklin, NJ.
- ECD used a CAT 355F excavator to grade the imported stone along the surface of the ramp in WCG COMP A.
- ECD vertically installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane along the lagging in WCG COMP H in the northern part of site.

Material Tracking

• ECD imported one load (24.95 tons) of 2" – 4" tracking pad stone from Braen Aggregates LLC in Franklin, NJ.

Import Summary						
		racking Pad tone	2"-4" Tracking Pad Stone		2″– 4″ Tracking Pad Stone	
Facility/Material	Braen	of Sparta	Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafay	ette, NJ	Fr	anklin, NJ	Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	1	24.95	0	0
Total	9	221.94	13	318.34	0	0
DEC Approved Amount	480	Tons*	4	80 Tons*	480	Tons*

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• ECD exported 35 loads (700 CY) of non-hazardous soil/fill from COMP C (6'-12'), COMP D (8'-16'), and COMP H (8'-14') to MCUA.

Soil/Fill Export Summary						
Facility	Exported	Exported Today				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	25			
Hazardous Soil/Fill	Quantity (CY)	0	460			
Bayshore Soil Management	No. Loads	0	139			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	2,780			
Middlesex County Utilities Authority Landfill	No. Loads	35	745			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	700	14,900			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	4			
	Quantity (CY)	0	80			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

• Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: ECD loading non-hazardous soil/fill from the stockpile into a disposal truck (facing northeast).

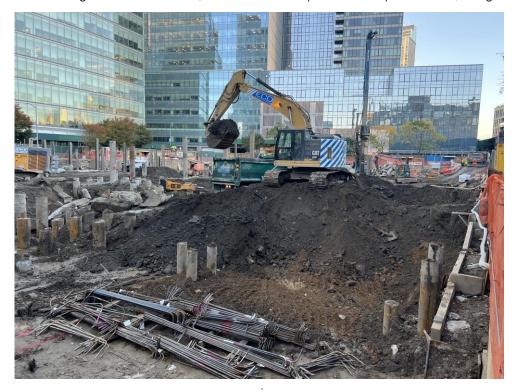


Photo 2: ECD loading non-hazardous soil/fill from the stockpile into a disposal truck (facing south).



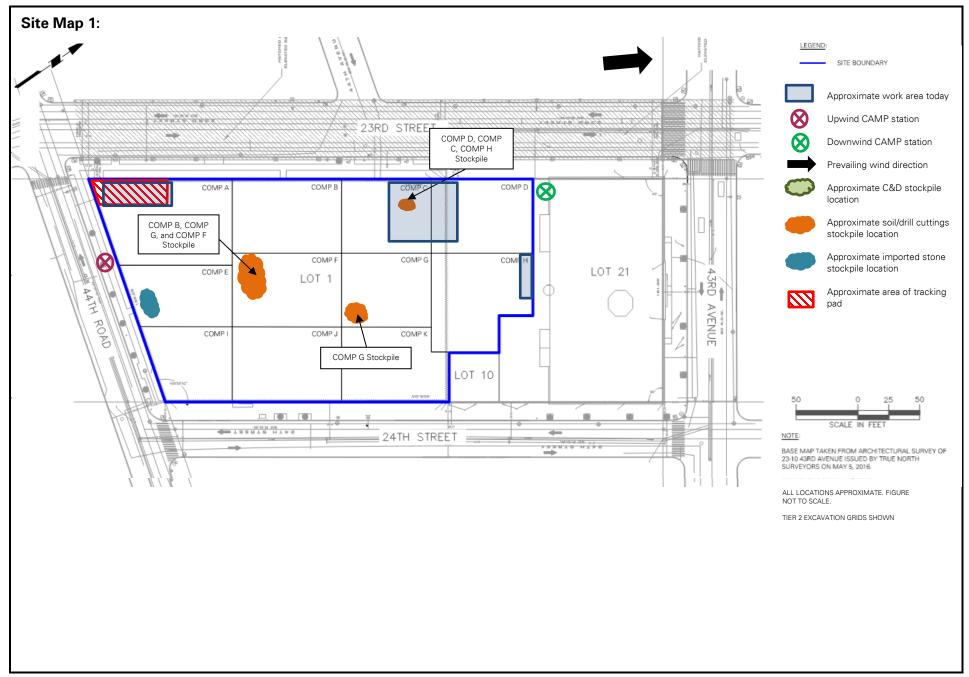
Photo 3: A disposal truck preparing to leave site (facing west).

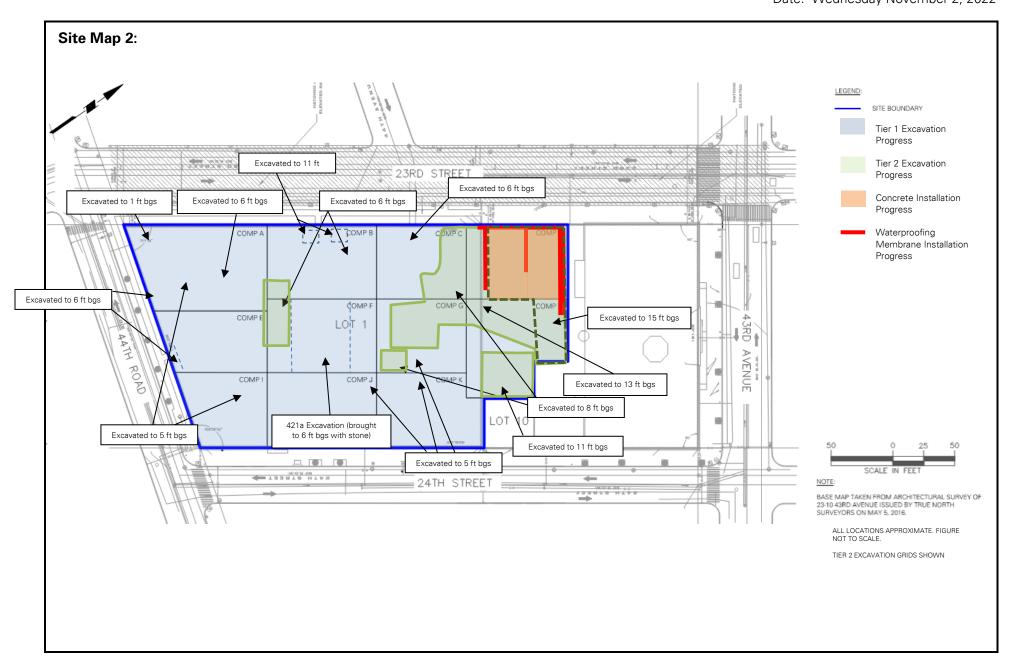


Photo 4: A truck dumping imported stone on the ramp in WCG COMP A (facing south).



SITE OBSERVATION REPORT - RAWP Day 136







CLIENT: DATE: **PROJECT No.:** 170362702 Thursday November 3, 2022

Sunny; 53 – 68 F, PROJECT: WEATHER: 23-15 44th Road

Wind: SSE @ 0.5 – 3.2 mph LOCATION: CP VIII LIC Owner, TIME: 6:45 a.m. – 5:00 p.m.

Long Island City, New York LLC

BCP SITE ID: MONITOR: Gabriella DeGennaro C241189

EQUIPMENT: PRESENT AT SITE:

2 Excavator CAT 355F Langan: Gabriella DeGennaro, Tyler Pollock

1 Delmag Drill Rig ECD: Justin Brennan

1 Liebherr Drill Rig Carmel Partners: Craig Goldberg, Angelo Ingrati 1 Excavator HITACHI 85 USB

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

- ECD used a CAT 355F excavator to load the non-hazardous soil/fill from the stockpile in Waste Characterization Grid (WCG) COMP C (consisting of material from COMP C, COMP D, and COMP H) into trucks for offsite disposal at Middlesex County Utilities Authority Landfill (MCUA) in East Brunswick, NJ.
- ECD used a CAT 355F excavator to excavate an area of about 30 feet long by 20 feet wide by 6.5 feet deep (corresponding to 13 feet below former site grade [bfsg]) in WCG COMP C. Excavated non-hazardous soil/fill was live-loaded onto trucks for offsite disposal at MCUA in East Brunswick, NJ.
- ECD used a CAT 355F excavator to load a portion of the non-hazardous soil/fill from the stockpile in WCG COMP G (consisting of material from COMP G) into trucks for offsite disposal at MCUA in East Brunswick, NJ.
- ECD used a CAT 355F excavator to live-load hazardous lead-impacted soil/fill from WCG COMP H/hotspot (HS)-6 into trucks for offsite disposal at Cycle Chem, Inc. in Elizabeth, NJ.
- ECD vertically and horizontally installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane along the formwork for the pile caps and grade beams in WCG COMP H in the northern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
		racking Pad tone	2"- 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone	
Facility/Material	Braen	of Sparta	Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafay	ette, NJ	Fr	anklin, NJ	NJ Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	13	318.34	0	0
DEC Approved Amount	480 Tons*		80 Tons*	480	Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 35 loads (700 CY) of non-hazardous soil/fill from the following WCGs to MCUA.
 - o COMP C (6'-12')/COMP D (8'-16')/ COMP H (8'-14'): 9 loads (180 CY)
 - o COMP C (6'-12'): 12 loads (240 CY)
 - o COMP G (5'-12'): 2 loads (40 CY)
- ECD exported 8 loads (160 CY) of hazardous lead-impacted soil/fill from COMP H (8'-14')/HS-6 to Cycle Chem, Inc.

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	8	33			
Hazardous Soil/Fill	Quantity (CY)	160	660			
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	139			
	Quantity (CY)	0	2,780			
Middlesex County Utilities Authority Landfill	No. Loads	23	768			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	460	15,360			
Clean Earth of North Jersey Kearny, NJ	No. Loads	0	4			
Hazardous Soil/Fill	Quantity (CY)	0	80			

Samples collected

• Langan collected two confirmation end-point samples from the base of soil excavation in WCG COMP C (about 13 feet bfsg). Samples EP06_3 and EP05_3 were submitted for analysis to York Analytical Laboratories of Stratford, Connecticut for Part 375 VOCs, SVOCs, Metals, PCBs, PFAS, 1,4-dioxane, Hexavalent Chromium, Cyanide, and (held) Pesticides/Herbicides.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - The downwind station malfunctioned from 10:09 AM to 11:08 AM and 12:16 PM to 1:47 PM. An Emilcott technician was called to resolve the issue and the station was recalibrated and restarted. Fugitive dust or odors associated with intrusive activities were not observed during this time.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: ECD installing vapor barrier in WCG COMP H (facing north).

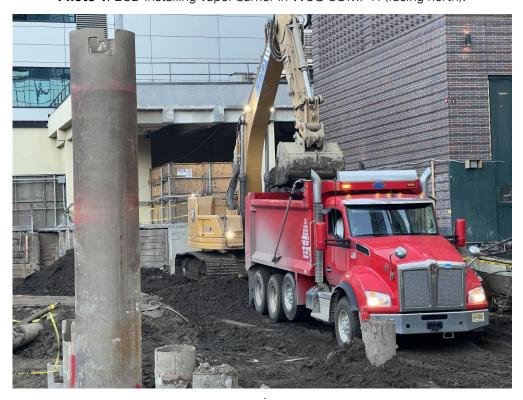


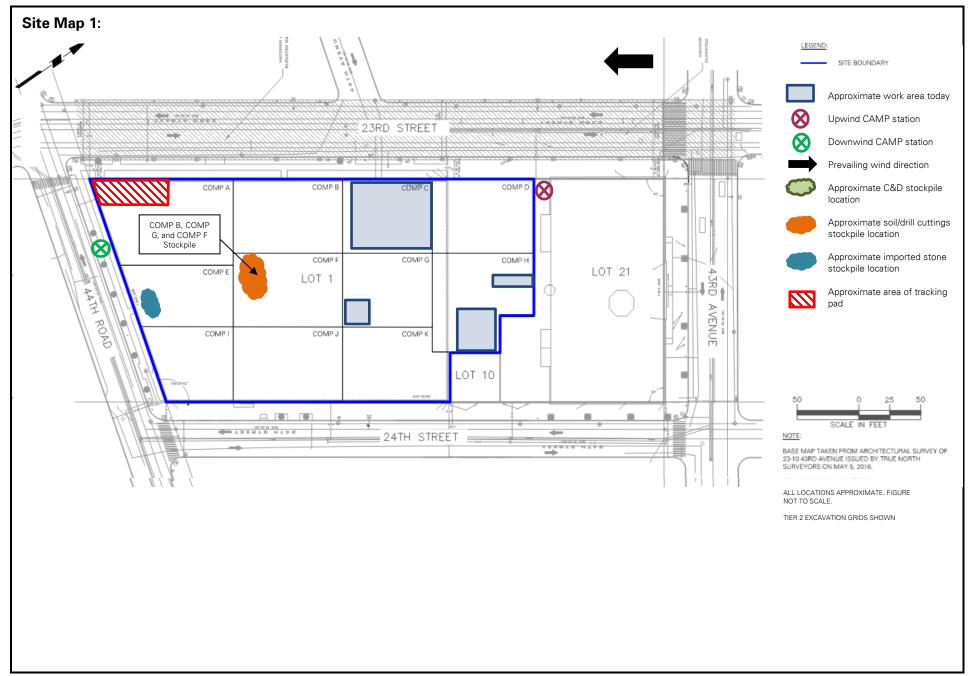
Photo 2: ECD loading hazardous soil/fill from WCG COMP H/HS-6 into a disposal truck (facing northeast).

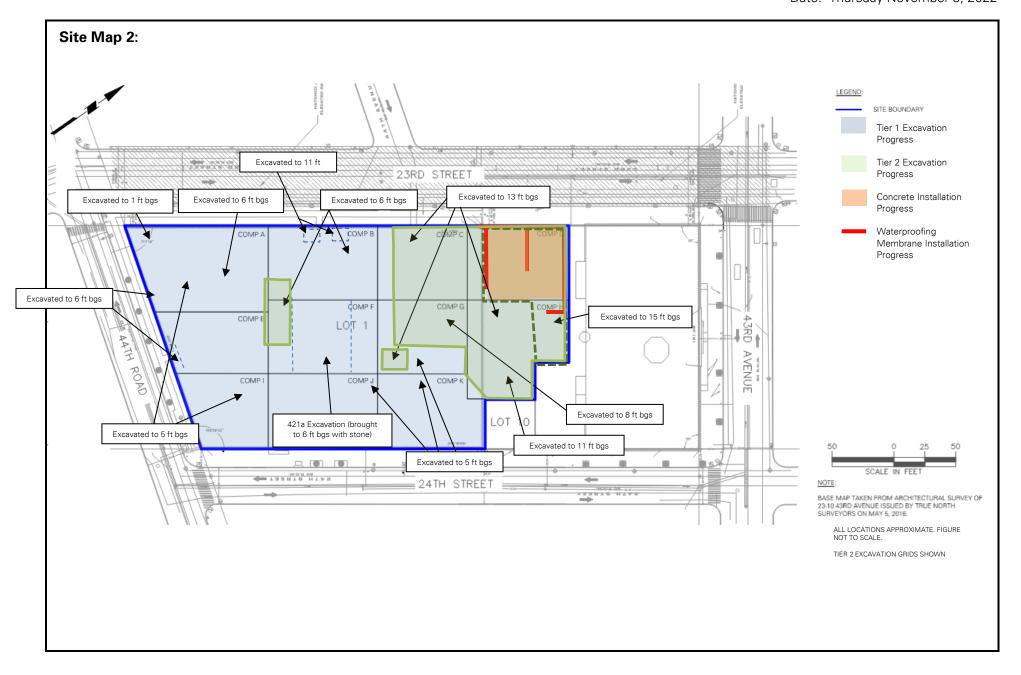


Photo 3: ECD loading non-hazardous soil/fill from WCG COMP C (facing southwest).



Photo 4: A truck preparing to leave site (facing south).







CLIENT: DATE: **PROJECT No.:** 170362702 Friday November 4, 2022

Sunny; 52 – 72 F, PROJECT: WEATHER: 23-15 44th Road

Wind: SSW @ 0.1 – 3.3 mph LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 6:45 a.m. – 4:15 p.m.

LLC

BCP SITE ID: MONITOR: Gabriella DeGennaro C241189

EQUIPMENT: PRESENT AT SITE:

2 Excavator CAT 355F Langan: Gabriella DeGennaro, Tyler Pollock, Shrinidhi

1 Delmag Drill Rig Shettv 1 Liebherr Drill Rig ECD: Justin Brennan

1 Excavator HITACHI 85 USB Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

- ECD used a CAT 355F excavator to excavate an area of 30 feet long by 30 feet wide by 6 feet deep (corresponding to 12 feet below former site grade [bfsq]) in WCG COMP F. Excavated nonhazardous soil/fill was added to the stockpile in WCG COMP F (consisting of material from COMP F and COMP B).
- ECD used a CAT 355F excavator to load a portion of the non-hazardous soil/fill from the stockpile in WCG COMP F (consisting of material from COMP F and COMP B) into trucks for offsite disposal at Middlesex County Utilities Authority Landfill (MCUA) in East Brunswick, NJ.
- ECD used a CAT 355F excavator to excavate an area of 30 feet long by 20 feet wide by 5 feet bgs (corresponding to 12 feet bfsg) in WCG COMP B. Non-hazardous soil/fill from WCG COMP B was live-loaded into trucks for offsite disposal at MCUA.
- ECD used a CAT 355F excavator to excavate an area of 30 feet long by 10 feet wide by 7 feet deep (corresponding to 13 feet bfsg) in WCG COMP C. Non-hazardous soil/fill from WCG COMP C was live-loaded into trucks for offsite disposal at MCUA.
- ECD used a CAT 355F excavator to excavate three areas of 8 feet long by 8 feet wide by 5 feet deep (corresponding to 10 feet bfsg) in WCG COMP I to remove H-piles put in place for the load test. Excavated non-hazardous soil/fill from WCG COMP I was replaced when work was completed.

Material Tracking

• No material was imported to the site.

Import Summary						
	2"– 4" Tracking Pad Stone		2"-4" Tracking Pad Stone		2"– 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	13	318.34	0	0
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 27 loads (540 CY) of non-hazardous soil/fill from the following WCGs to MCUA.
 - o COMP B (6'-12')/COMP F (6'-12') Stockpile: 5 loads (100 CY)
 - o COMP C (6'-12'): 7 loads (140 CY)
 - o COMP B (5'-12'): 15 loads (300 CY)

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	33			
Hazardous Soil/Fill	Quantity (CY)	0	620			
Bayshore Soil Management	No. Loads	0	139			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	2,780			
Middlesex County Utilities Authority Landfill	No. Loads	27	795			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	54	15,900			
Clean Earth of North Jersey Kearny, NJ	No. Loads	0	4			
Hazardous Soil/Fill	Quantity (CY)	0	80			

Samples collected

• Langan collected one confirmation end-point sample from the base of soil excavation in WCG COMP F (about 13 feet bfsg). Samples EP12_3 was submitted for analysis to York Analytical Laboratories of Stratford, Connecticut for Part 375 VOCs, SVOCs, Metals, PCBs, PFAS, 1,4-dioxane, Hexavalent Chromium, Cyanide, and Pesticides/Herbicides.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - O VOC and particulate data was not recorded at the upwind station from 8:48 AM to 9:02 AM, and at the downwind station from 9:03 AM to 9:09 AM. Data was manually retrieved from each station. No fugitive dust or odors associated with ground intrusive activities were observed during this time.
 - Elevated particulate readings were recorded at the upwind CAMP station from 9:47 AM to 10:00 AM due to equipment malfunction. CAMP was suspended at this time due to inclement weather and resumed at 12:01 PM. No fugitive dusts or odors associated with ground intrusive activities were observed during this time.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: General view of the site (facing north).



Photo 2: ECD loading non-hazardous soil/fill from WCG COMP C into a disposal truck (facing northeast).



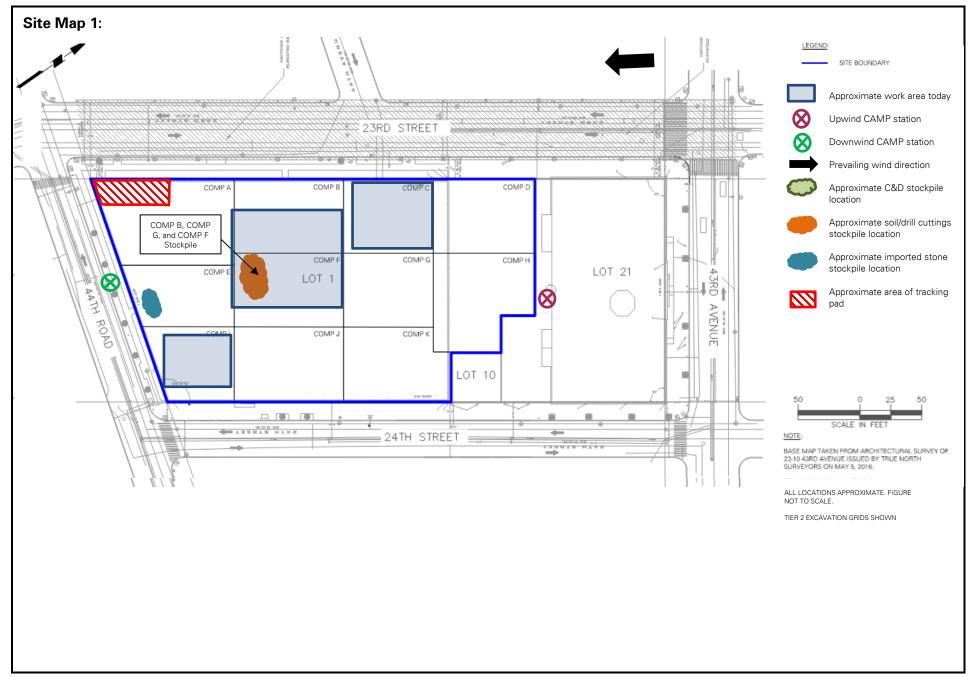
Photo 3: A tarp-covered truck preparing to leave site (facing west).

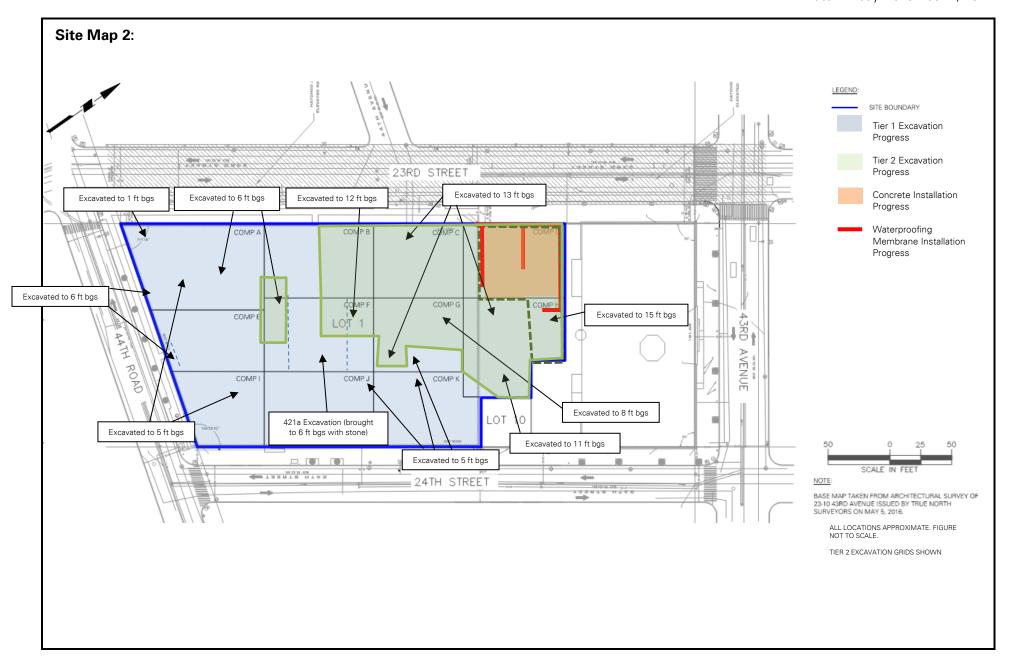


Photo 4: ECD excavating in WCG COMP F (facing west).



SITE OBSERVATION REPORT - RAWP Day 138







LANGAN SITE OBSERVATION REPORT – RAWP Day 139

CLIENT: DATE: **PROJECT No.:** 170362702 Saturday, November 5, 2022

Cloudy; 64 – 74 F, PROJECT: WEATHER: 23-15 44th Road

Wind: S, SSW @ 1.2 – 4.0 mph

LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 7:15 a.m. – 12:15 p.m. LLC

BCP SITE ID: C241189 **MONITOR:** Luis Enriquez Castro

EQUIPMENT: PRESENT AT SITE:

2 Excavator CAT 355F Langan: Luis Enriquez Castro

ECD: Justin Brennan 1 Delmag Drill Rig

1 Liebherr Drill Rig Carmel Partners: Craig Goldberg, Angelo Ingrati 1 Excavator HITACHI 85 USB

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a CAT 355F excavator to load a portion of the non-hazardous soil/fill from the stockpile in Waste Characterization Grid (WCG) COMP B and COMP F (consisting of material from COMP F, and COMP B) into trucks for offsite disposal at Bayshore Soil Management (BSM) in Keasbey, NJ.
- ECD used a CAT 355F excavator to grade an area of about 30 feet long by 30 feet wide in WCG COMP G. No stockpile was generated from this work.

Material Tracking

• No material was imported to the site.

Import Summary						
	2"– 4" Tracking Pad Stone		2"-4" Tracking Pad Stone		2"– 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	13	318.34	0	0
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 13 loads (260 CY) of non-hazardous soil/fill from the following WCGs to BSM.
 - o COMP B/COMP F (6'-12'): 13 loads (260 CY)

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	33			
Hazardous Soil/Fill	Quantity (CY)	0	620			
Bayshore Soil Management	No. Loads	13	152			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	260	3,040			
Middlesex County Utilities Authority Landfill	No. Loads	0	795			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	15,900			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	4			
	Quantity (CY)	0	80			

Samples collected

No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

 Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.
- ECD will continue rock socking in the eastern portion of the site

SITE PHOTOGRAPHS:



Photo 1: ECD loading non-hazardous soil/fill from WCG COMP B and COMP F (facing north).



Photo 2: ECD washing truck tires in exit ramp (facing northwest).

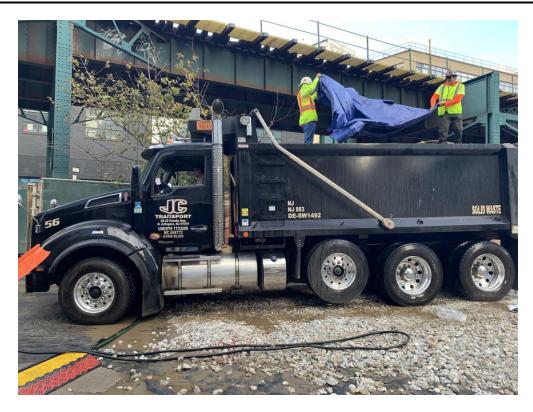


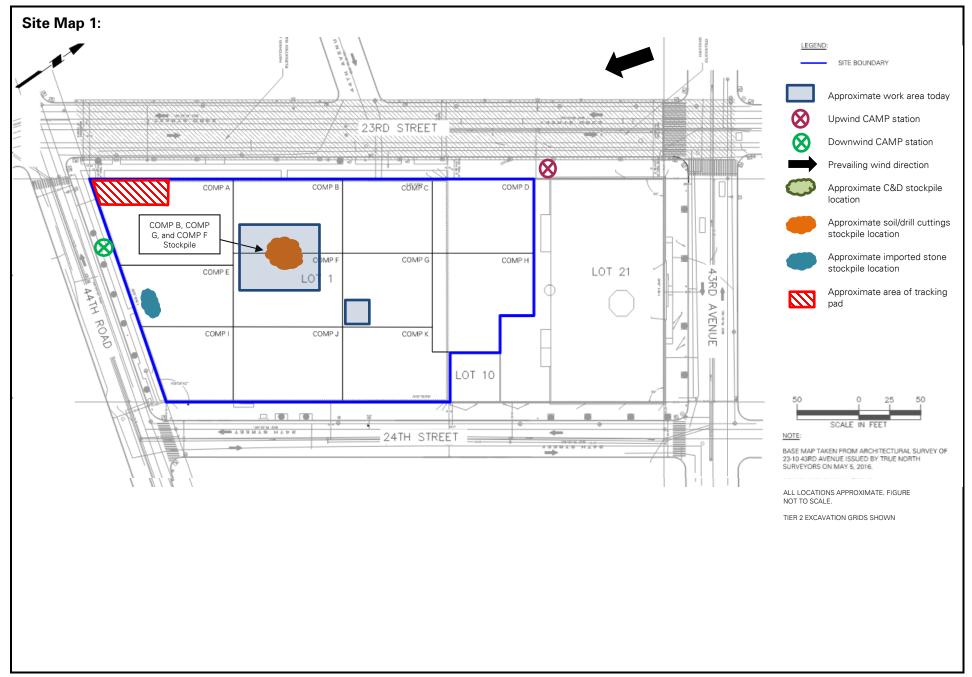
Photo 3: ECD installing a tarp on a disposal truck prior to departure (facing west).

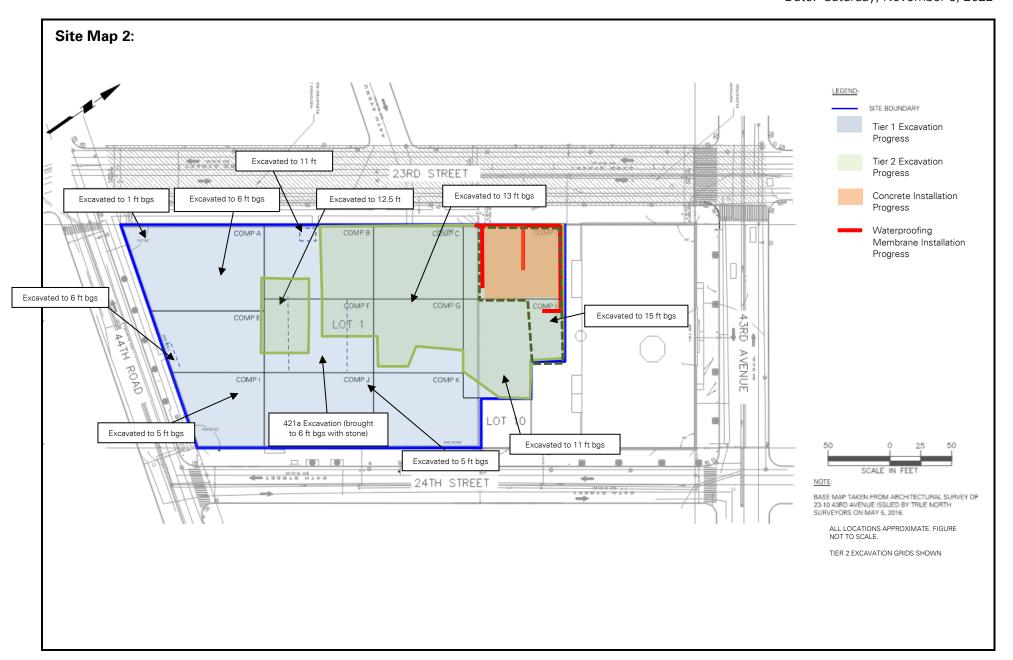


Photo 4: ECD grading in WCG COMP G (facing east).



SITE OBSERVATION REPORT – RAWP Day 139







LANGAN SITE OBSERVATION REPORT – RAWP Day 140

CLIENT: DATE: **PROJECT No.:** 170362702 Monday November 7, 2022

Sunny; 69 – 77 F, PROJECT: WEATHER: 23-15 44th Road

Wind: WNW @ 2.4 - 6.0 mph

LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 6:45 a.m. – 4:00 p.m. LLC

BCP SITE ID: C241189 MONITOR: Gabriella DeGennaro

EQUIPMENT: PRESENT AT SITE:

2 Excavator CAT 355F Langan: Gabriella DeGennaro, Tyler Pollock, Shrinidhi

1 Delmag Drill Rig Shettv 1 Liebherr Drill Rig ECD: Justin Brennan

1 Excavator HITACHI 85 USB Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a CAT 355F excavator to excavate an area of 20 feet long by 10 feet wide by 3 feet deep (corresponding to 14 feet below former site grade [bfsq]) in Waste Characterization Grid (WCG) COMP H (hotspot-6 [HS-6]). Excavated hazardous soil/fill was stockpiled in WCG COMP H (HS-6) for future disposal.
- ECD used a CAT 355F excavator to excavate an area of 20 feet long by 10 feet wide by 1.5 feet deep (corresponding to 15.5 feet bfsg) in WCG COMP H (HS-6). Excavated hazardous soil/fill was live-loaded onto trucks for disposal at Clean Earth of North Jersey (CENJ) in Kearny, NJ.
- ECD used a CAT 355F excavator to grade a surface area of about 15 feet long by 10 feet wide in WCG COMP I and WCG COMP J. No stockpile was generated from this work.
- ECD used a CAT 355F excavator to stockpile concrete and demolition debris (C&D) in WCG COMP C. C&D was generated from excavated rock and grout overflow.
- ECD used a Liebherr Drill Rig to drill three caissons to about 35 feet below grade surface (bgs) in WCG COMP G. Less than half a cubic yard of drill cuttings were generated from caisson installment; therefore, no stockpile was generated from work in these WCGs.

Material Tracking

• No material was imported to the site.

Import Summary						
	2"– 4" Tracking Pad Stone		2"-4" Tracking Pad Stone		2"– 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	13	318.34	0	0
DEC Approved Amount	480	Tons*	s* 480 Tons*		480 Tons* 480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• ECD exported 9 loads (180 CY) of hazardous lead-impacted soil/fill from WCG COMP H/HS-6 to CENJ.

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	33			
Hazardous Soil/Fill	Quantity (CY)	0	620			
Bayshore Soil Management	No. Loads	0	152			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	3,040			
Middlesex County Utilities Authority Landfill	No. Loads	0	795			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	15,900			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	9	13			
	Quantity (CY)	180	260			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

• Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: ECD loading hazardous lead-impacted soil/fill from HS-6 into a truck (facing north).



Photo 2: ECD loading hazardous lead-impacted soil/fill from HS-6 into a truck (facing northeast).



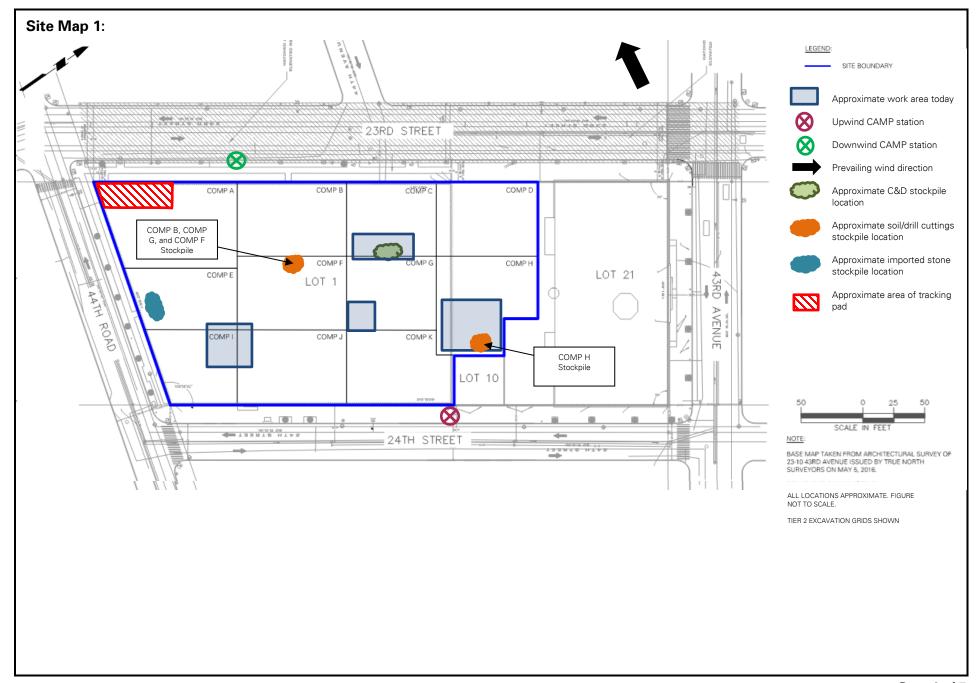
Photo 3: A truck with a built-in tarp preparing to leave site (facing west).

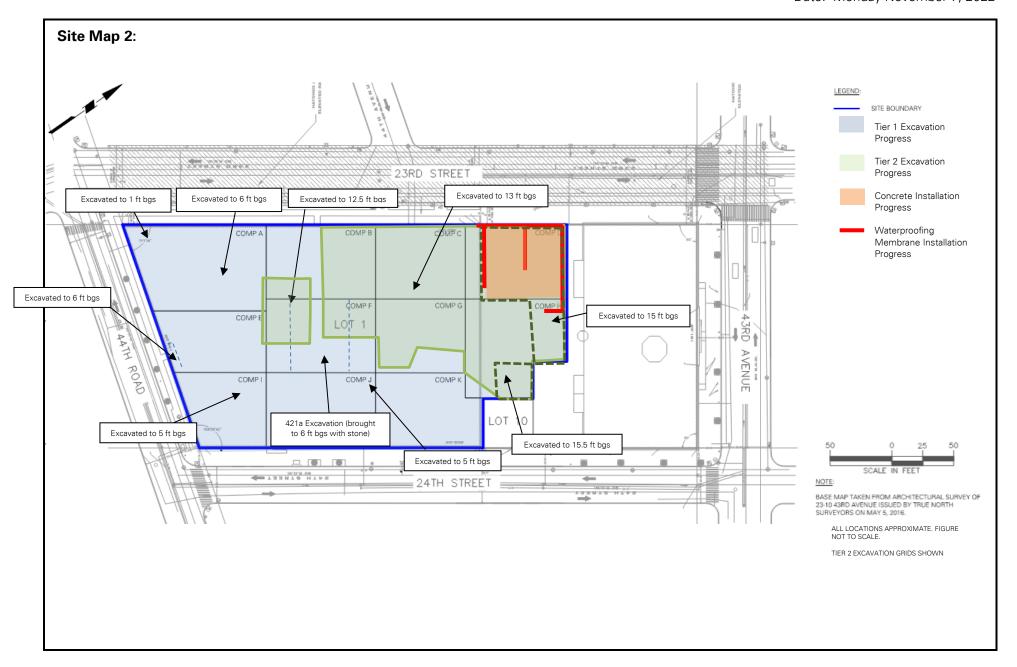


Photo 4: ECD drilling casings in WCG COMP G (facing west).



SITE OBSERVATION REPORT – RAWP Day 140







LANGAN SITE OBSERVATION REPORT – RAWP Day 141

CLIENT: DATE: **PROJECT No.:** 170362702 Tuesday November 8, 2022

Sunny; 48 – 56 F, PROJECT: WEATHER: 23-15 44th Road

LLC

Wind: N @ 3.6 – 6.6 mph LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 6:45 a.m. – 1:00 p.m.

BCP SITE ID: MONITOR: Gabriella DeGennaro C241189

EQUIPMENT: PRESENT AT SITE:

2 Excavator CAT 355F Langan: Gabriella DeGennaro, Tyler Pollock, Shrinidhi

1 Delmag Drill Rig Shettv

1 Liebherr Drill Rig ECD: Justin Brennan

1 Excavator HITACHI 85 USB Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a CAT 355F excavator to excavate an area of 20 feet long by 20 feet wide by 2 feet deep (corresponding to 15 feet below former site grade [bfsg]) in WCG COMP C and D. Excavated nonhazardous soil/fill was stockpiled in WCG COMP C for future disposal.
- ECD used a CAT 355F excavator to excavate an area of 20 feet long by 10 feet wide by 6 feet deep (corresponding to 12 feet bfsg) in WCG COMP F and B. Excavated non-hazardous soil/fill was stockpiled in two stockpiles in WCG COMP F for future disposal.
- ECD used a CAT 355F excavator to load the stockpile consisting of concrete and demolition debris (C&D) in WCG COMP C into trucks for offsite disposal at EROC in Flushing, NY.

Material Tracking

• No material was imported to the site.

Import Summary						
	2"– 4" Tracking Pad Stone		2"-4" Tracking Pad Stone		2"– 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	13	318.34	0	0
DEC Approved Amount	480	Tons*	ons* 480 Tons*		80 Tons* 480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• No material was exported from the site.

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	33			
Hazardous Soil/Fill	Quantity (CY)	0	620			
Bayshore Soil Management	No. Loads	0	152			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	3,040			
Middlesex County Utilities Authority Landfill	No. Loads	0	795			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	15,900			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	13			
	Quantity (CY)	0	260			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - A gap in particular matter and VOC data was recorded at the upwind station from 10:46 AM to 10:58 AM and at the downwind station from 10:05 AM to 11:13 AM due to insufficient battery power. Both batteries were changed and the stations began recording once again. No fugitive dusts or odors associated with ground intrusive activities were observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: General view of the site (facing southwest).



Photo 2: ECD excavating an area in WCG COMP C and D (facing west).



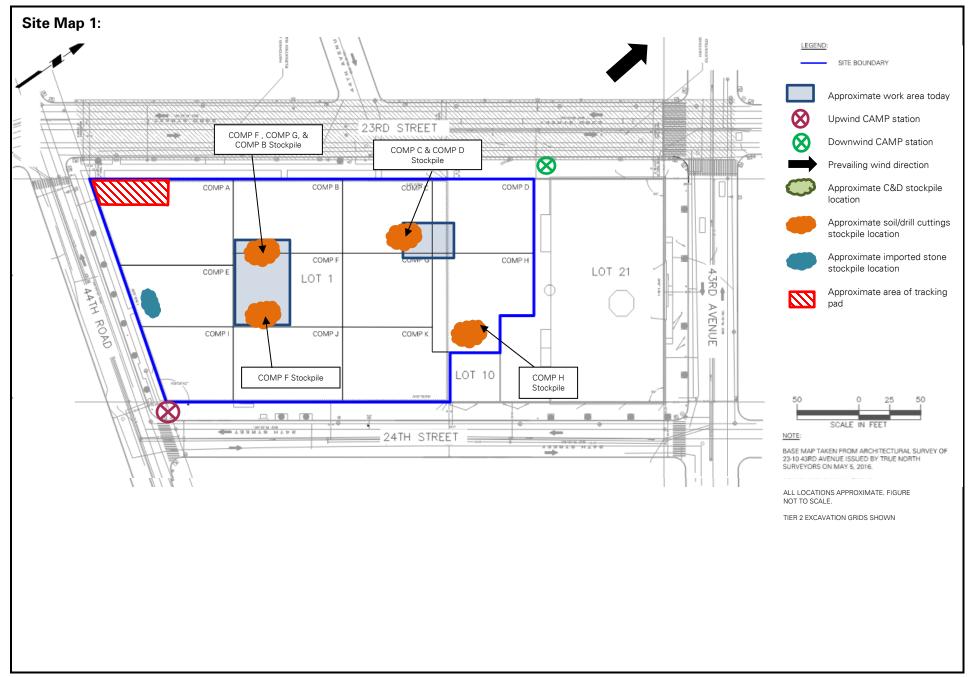
Photo 3: ECD excavating an area in COMP F (facing southeast).

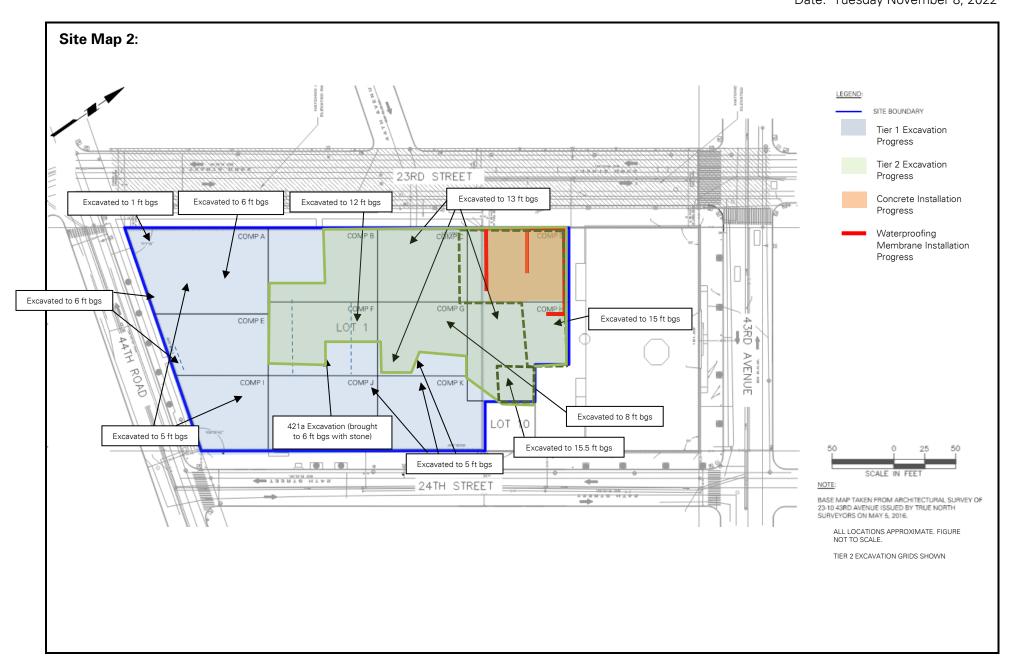


Photo 4: ECD loading C&D in a disposal truck (facing northeast).



SITE OBSERVATION REPORT - RAWP Day 141







LANGAN SITE OBSERVATION REPORT – RAWP Day 142

DATE: CLIENT: PROJECT No.: 170362702 Wednesday November 9, 2022

Sunny; 40 – 56 F, **PROJECT:** WEATHER: 23-15 44th Road

LLC

Wind: NNE @ 1.2 – 3.2 mph LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 6:45 a.m. – 3:45 p.m.

BCP SITE ID: C241189 **MONITOR:** Gabriella DeGennaro

EQUIPMENT: PRESENT AT SITE:

2 Excavator CAT 355F Langan: Gabriella DeGennaro, Tyler Pollock, Shrinidhi

ECD: Justin Brennan

1 Delmag Drill Rig Shettv

1 Excavator HITACHI 85 USB Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

1 Liebherr Drill Rig

- ECD used a CAT 355F excavator to load the stockpile consisting of hazardous soil/fill from Waste Characterization Grid (WCG) COMP H (hotspot-6 [HS-6]) onto trucks for disposal at Cycle Chem, Inc., in Elizabeth, NJ.
- ECD used a CAT 355F excavator to excavate an area of about 30 feet long by 25 feet wide by 4 feet deep (corresponding to 15 feet below former site grade [bfsg]) in WCG COMP H (HS-6). Excavated hazardous soil/fill was live-loaded onto trucks for disposal at Cycle Chem (11-14' bfsg) and Clean Earth of North Jersey (CENJ) in Kearny, NJ (14-15' bfsg).
- ECD used a CAT 355F excavator to load a portion of the stockpile in WCG COMP F (consisting of material from WCG COMP F, COMP G, and COMP B) onto trucks for offsite disposal at Middlesex County Utilities Authority Landfill (MCUA) in East Brunswick, NJ.
- ECD used a Liebherr Drill Rig to drill two caissons to about 35 feet below grade surface (bgs) in WCG COMP G. Less than half a cubic yard of drill cuttings were generated from caisson installment; therefore, no stockpile was generated from work in this WCG.

Material Tracking

• No material was imported to the site.

Import Summary							
	2"– 4" Tracking Pad Stone		2"-4" Tracking Pad Stone		2"- 4" Tracking Pad Stone		
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	9	221.94	13	318.34	0	0	
DEC Approved Amount	480	Tons*	* 480 Tons*		ons* 480 Tons* 480 Tons*		Tons*

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 3 loads (60 CY) from the stockpile consisting of non-hazardous soil/fill from WCG COMP F (6-12') and COMP B (6-12') to MCUA.
- ECD exported 10 loads (200 CY) of hazardous soil/fill from WCG COMP H (8-14') to Cycle Chem, Inc.
- ECD exported 12 loads (240 CY) of hazardous soil/fill from WCG COMP H (14-18') to CENJ.

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	10	43			
Hazardous Soil/Fill	Quantity (CY)	200	820			
Bayshore Soil Management	No. Loads	0	152			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	3,040			
Middlesex County Utilities Authority Landfill	No. Loads	3	798			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	60	15,960			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	12	25			
	Quantity (CY)	240	500			

Samples collected

Langan collected one confirmation end-point sample from the base of soil excavation in WCG COMP
H (about 13 feet bfsg). Sample EP22_5 was submitted for analysis to York Analytical Laboratories
of Stratford, Connecticut for Part 375 VOCs, SVOCs, Metals, PCBs, PFAS (EPA 1633), 1,4-dioxane,
Hexavalent Chromium, Cyanide, and Pesticides/Herbicides.

Community Air Monitoring Plan (CAMP) Activities

• Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:

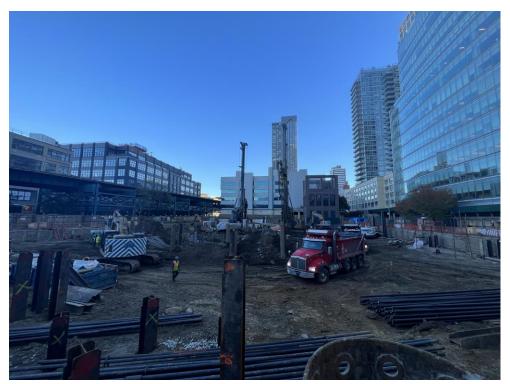


Photo 1: General view of the site (facing north).

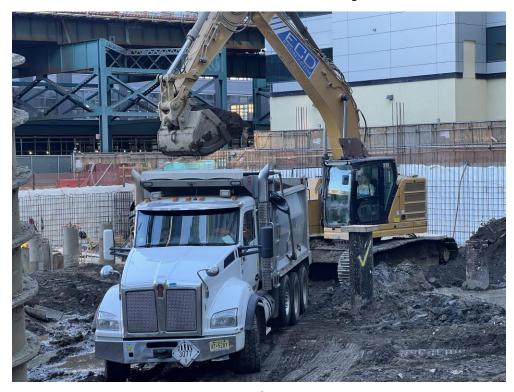


Photo 2: ECD loading a truck with hazardous soil/fill from WCG COMP H (facing north).



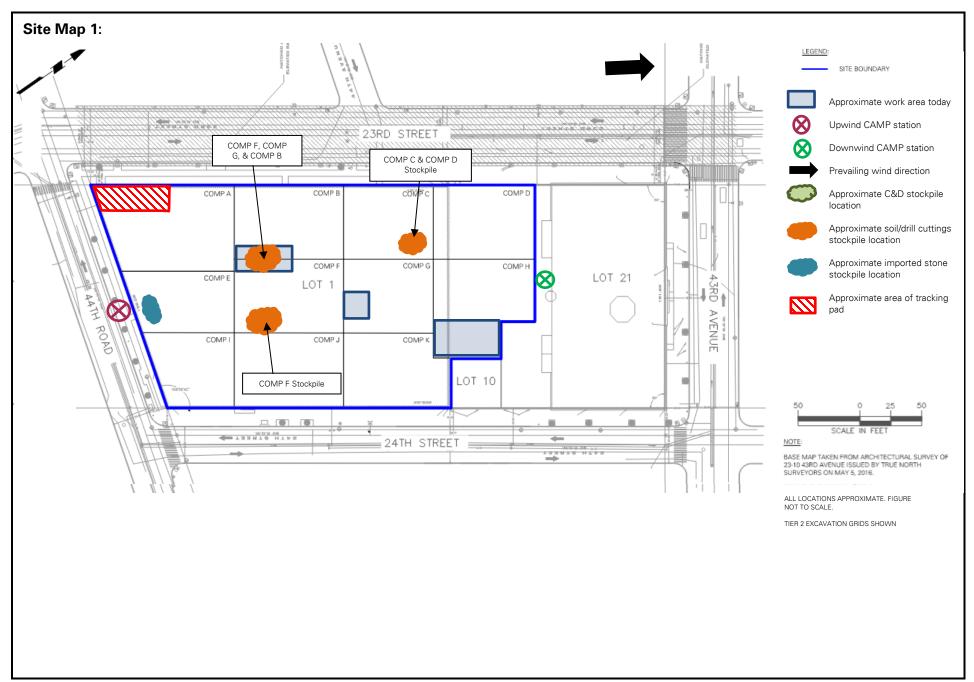
Photo 3: ECD loading a truck with non-hazardous soil/fill from WCG COMP F & B (facing northwest).

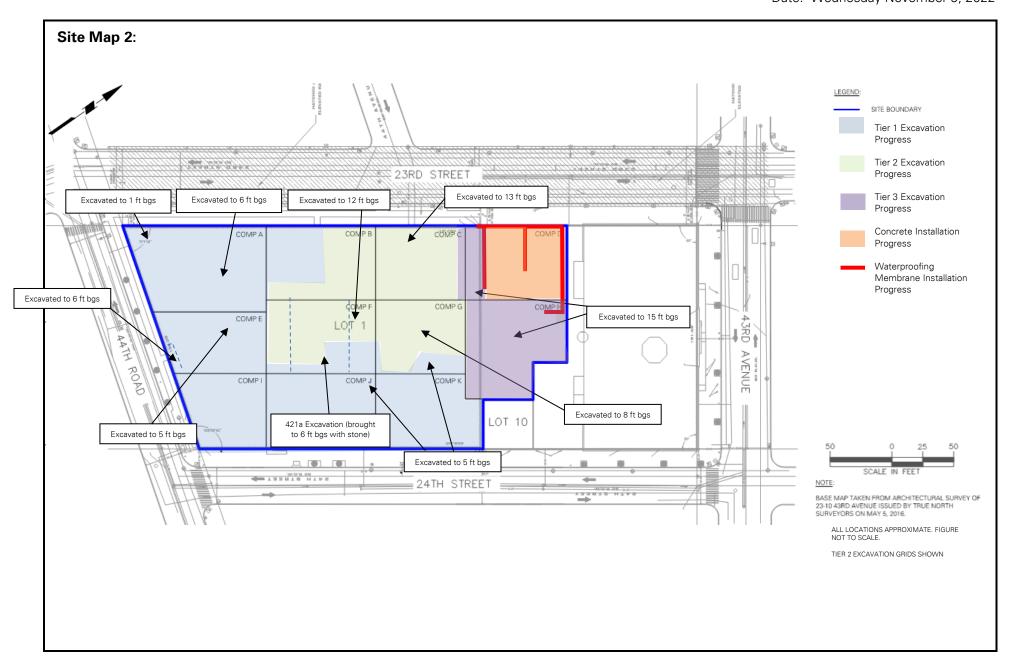


Photo 4: ECD excavating an area in WCG COMP H (facing southeast).



SITE OBSERVATION REPORT - RAWP Day 142







LANGAN SITE OBSERVATION REPORT – RAWP Day 143

6:45 a.m. - 2:30 p.m.

CLIENT: DATE: **PROJECT No.:** 170362702 Thursday November 10, 2022

Sunny; 49 – 66 F, **PROJECT:** 23-15 44th Road WEATHER:

Wind: WSW @ 0.6 – 4.4 mph LOCATION: CP VIII LIC Owner, TIME:

LLC **BCP SITE ID:** MONITOR: Gabriella DeGennaro C241189

EQUIPMENT: PRESENT AT SITE:

2 Excavator CAT 355F Langan: Gabriella DeGennaro, Tyler Pollock, Shrinidhi

ECD: Justin Brennan

1 Delmag Drill Rig Shettv

Long Island City, New York

1 Excavator HITACHI 85 USB Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

1 Liebherr Drill Rig

ECD vertically installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane along the lagging in waste characterization grid (WCG) COMP D and COMP C in the northern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
	2"– 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	13	318.34	0	0
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• No material was exported from the site.

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	43			
Hazardous Soil/Fill	Quantity (CY)	0	820			
Bayshore Soil Management	No. Loads	0	152			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	3,040			
Middlesex County Utilities Authority Landfill	No. Loads	0	798			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	15,960			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	25			
	Quantity (CY)	0	500			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

• Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: General view of the site (facing north).



Photo 2: ECD installing a vapor barrier in WCG COMP C & D (facing west).

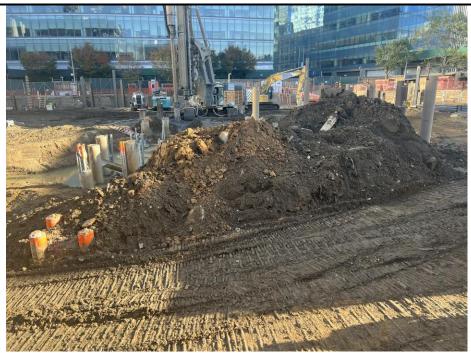
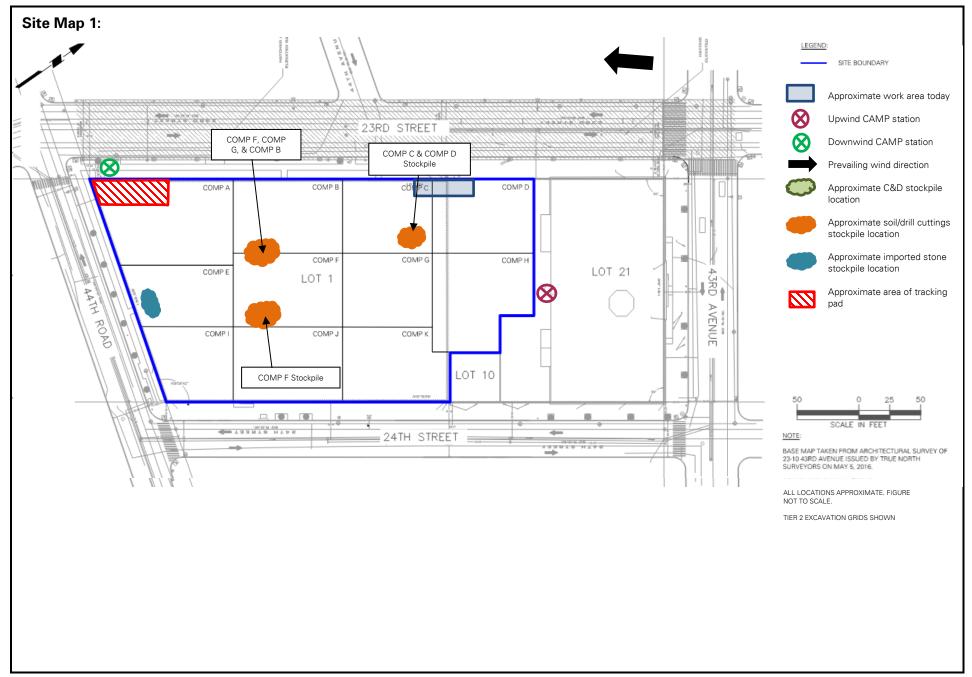
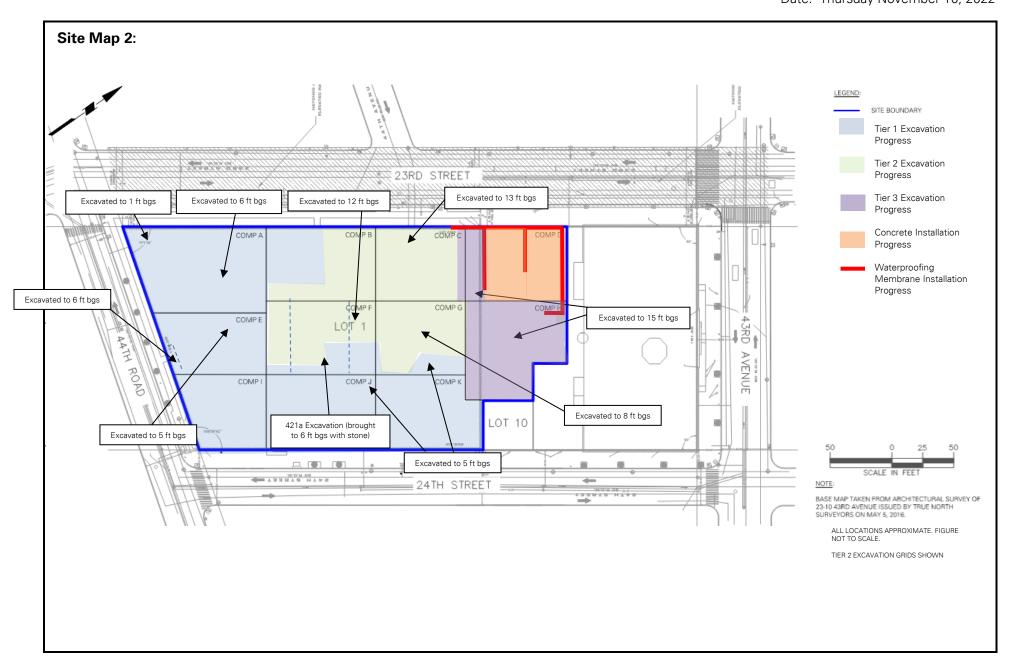


Photo 3: View of non-hazardous soil/fill stockpile from WCG COMP F & B (facing east).

SITE OBSERVATION REPORT – RAWP Day 143







LANGAN SITE OBSERVATION REPORT – RAWP Day 144

5:30: a.m. – 2:30 p.m.

CLIENT: DATE: **PROJECT No.:** Friday, November 11, 2022 170362702

Sunny; 59 - 67 F, **PROJECT:** 23-15 44th Road WEATHER:

Wind: NNE @ 0.6 - 2.5 mph LOCATION: CP VIII LIC Owner, TIME:

LLC

BCP SITE ID: C241189 **MONITOR:** Gabriel Enriquez-Castro

EQUIPMENT: PRESENT AT SITE:

2 Excavator CAT 355F Langan: Gabriel Enriquez-Castro, Tyler Pollock, Shrinidhi

ECD: Justin Brennan

1 Delmag Drill Rig Shettv

Long Island City, New York

Carmel Partners: Craig Goldberg, Angelo Ingrati 1 Excavator HITACHI 85 USB

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

1 Liebherr Drill Rig

• ECD used a CAT 355F Excavator to load the stockpile of non-hazardous soil/fill consisting of material from Waste Characterization Grid (WCG) COMP B, COMP F, and COMP G into trucks for offsite disposal at Bayshore Soil Management in Keasbey, NJ (Bayshore).

Material Tracking

• No material was imported to the site.

Import Summary						
		racking Pad tone	2"- 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone	
Facility/Material	Braen	Braen of Sparta Braen Aggregates, LLC		Stone Industries, Inc.		
	Lafay	ette, NJ	Franklin, NJ Haledon, NJ		don, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	13	318.34	0	0
DEC Approved Amount	480	Tons*	480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• ECD exported 17 loads (340 CY) of non-hazardous soil/fill from WCG COMP B (6'-12'), COMP F (6'-12'), and COMP G (6'-12') to Bayshore.

Soil/Fill Export Summary						
Facility	Exported	Exported Today				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	43			
Hazardous Soil/Fill	Quantity (CY)	0	820			
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	17	169			
	Quantity (CY)	340	3,380			
Middlesex County Utilities Authority Landfill	No. Loads	0	798			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	15,960			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	25			
	Quantity (CY)	0	500			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

• Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



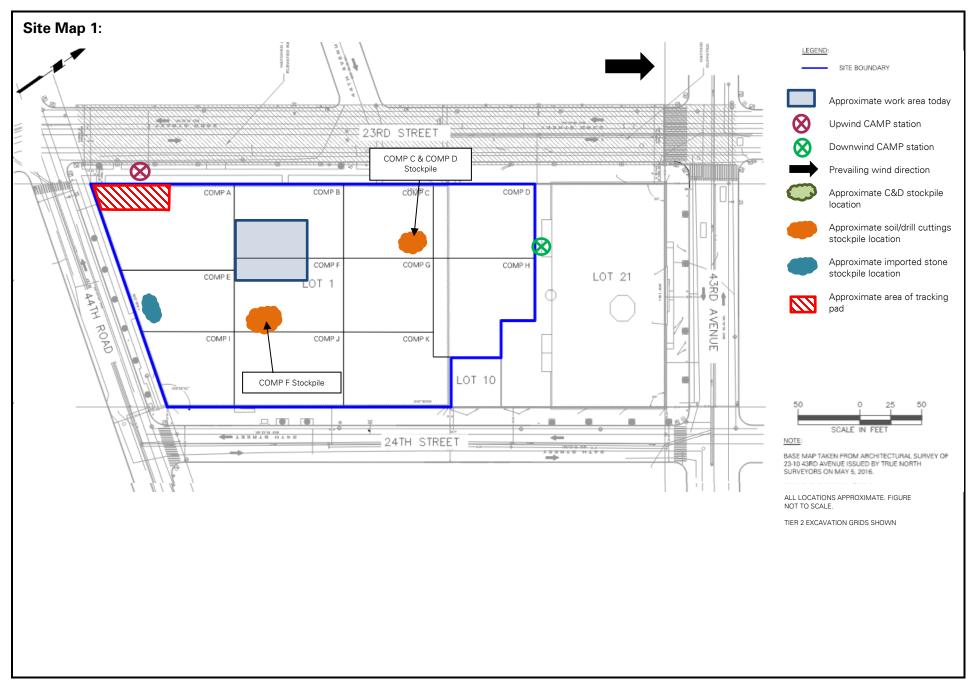
Photo 1: General view of the site (facing north).

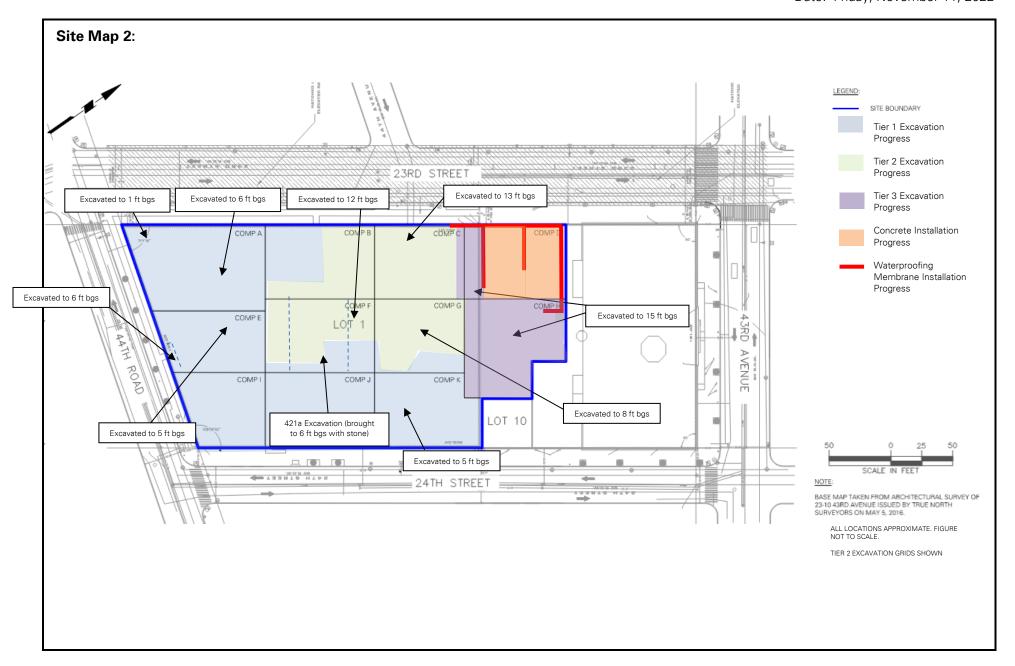


Photo 2: ECD loading a truck with non-hazardous soil/fill from WCG COMP B, F & G (facing southeast).



SITE OBSERVATION REPORT - RAWP Day 144







LANGAN SITE OBSERVATION REPORT – RAWP Day 147

Wednesday, November 16, CLIENT: DATE: **PROJECT No.:** 170362702

2022

Rain; 41 – 48 F, PROJECT: WEATHER: 23-15 44th Road

Wind: WNW @ 4.5 - 6.0 mph

LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 5:45 a.m. – 1:30 p.m. LLC

BCP SITE ID: C241189 MONITOR: Gabriella DeGennaro

EQUIPMENT: PRESENT AT SITE:

2 Excavator CAT 355F Langan: Gabriella DeGennaro, Tyler Pollock, Shrinidhi

1 Delmag Drill Rig Shettv 1 Liebherr Drill Rig ECD: Justin Brennan

1 Excavator HITACHI 85 USB Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a CAT 355F excavator to excavate an area of about 10 feet long by 8 feet wide by 5 feet deep (corresponding to 10 feet below former site grade [bfsq]) in waste characterization grid (WCG) COMP K2. Excavated hazardous lead-impacted soil/fill was live-loaded onto trucks for off-site disposal at Clean Earth of New Jersey (CENJ) in Kearny, NJ.
- ECD received an import of two loads (46.54 tons) of 2" 4" tracking pad stone from Braen Aggregates, LLC in Franklin, NJ.
- ECD used a CAT 355F excavator to grade the imported tracking pad stone along the two ramps onsite in WCG COMP I and COMP A.
- ECD vertically installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane along the lagging and pile caps in WCG COMP D and COMP C in the northern part of site.

Langan PN: 170362702 Date: Wednesday, November 16, 2022

Material Tracking

• ECD imported 2 loads (46.54 tons) of 2" – 4" tracking pad stone from Braen Aggregates, LLC.

Import Summary						
		racking Pad tone	2"- 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone	
Facility/Material	Braen	of Sparta	Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafay	ette, NJ	Franklin, NJ Haledon, NJ		don, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	2	46.54	0	0
Total	9	221.94	15	364.88	0	0
DEC Approved Amount	480	Tons*	480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• ECD exported 3 loads (60 CY) of hazardous soil/fill from WCG COMP K2 (5'-10') to CENJ.

Soil/Fill Export Summary					
Facility	Exported	Exported Today			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	43		
Hazardous Soil/Fill	Quantity (CY)	0	820		
Bayshore Soil Management	No. Loads	0	169		
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	3,380		
Middlesex County Utilities Authority Landfill	No. Loads	0	798		
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	15,960		
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	3	43		
	Quantity (CY)	60	860		

Langan PN: 170362702 Date: Wednesday, November 16, 2022

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - o CAMP was not implemented from 10:32 AM to 1:16 PM due to inclement weather spanning the work day. No fugitive dust or odors were observed.

Anticipated Activities.

- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

Langan PN: 170362702 Date: Wednesday, November 16, 2022

SITE PHOTOGRAPHS:



Photo 1: ECD importing tracking pad stone from Braen Aggregates, LLC (facing south).

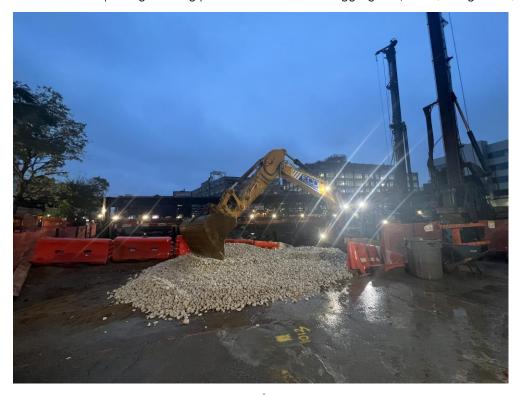


Photo 2: ECD grading imported stone along the ramp in WCG COMP I (facing west).



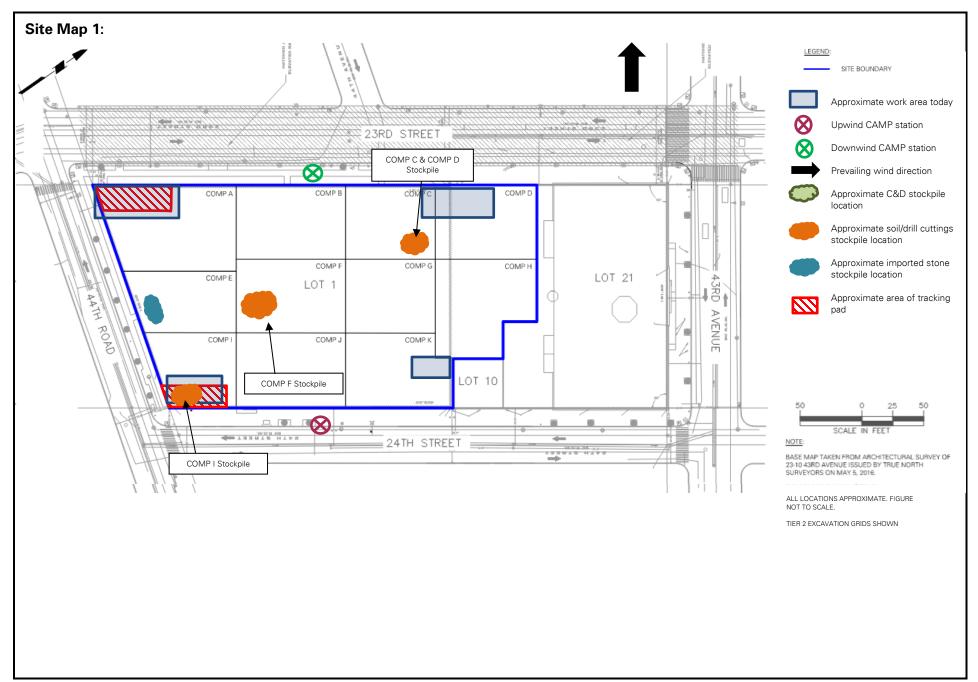
Photo 3: ECD live loading hazardous soil/fill from COMP K2 into a disposal truck (facing north).

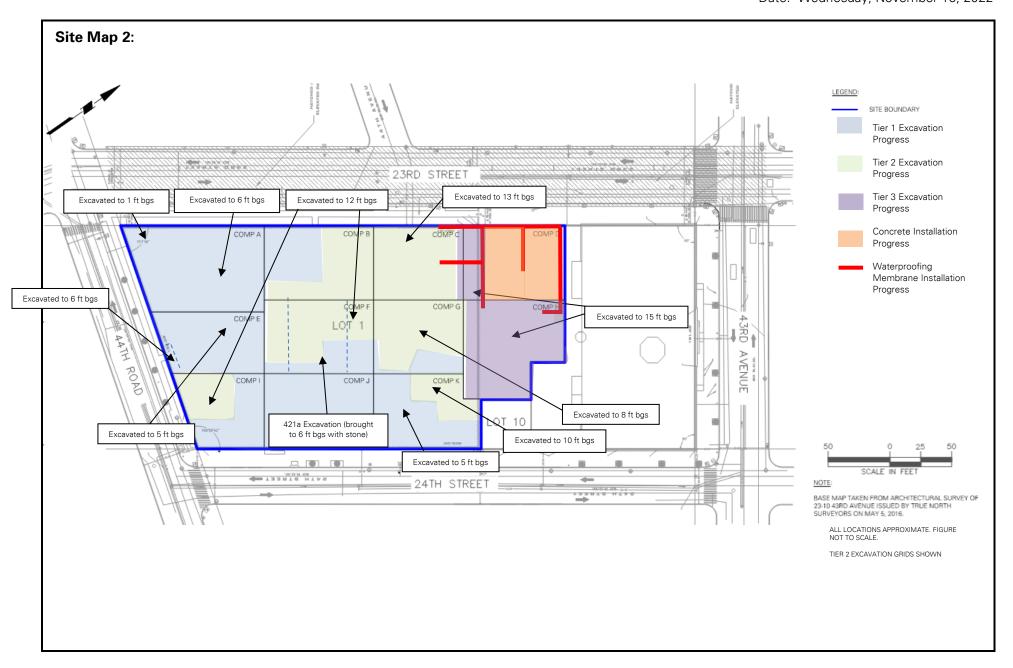


Photo 4: A disposal truck preparing to leave the site (facing northeast).



SITE OBSERVATION REPORT – RAWP Day 147







LANGAN SITE OBSERVATION REPORT – RAWP Day 148

CLIENT: DATE: **PROJECT No.:** 170362702 Thursday, November 17, 2022

Partly cloudy; 37 – 47 F, **PROJECT:** 23-15 44th Road WEATHER:

Wind: W @ 3.9 – 8.1 mph LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 6:30 a.m. – 6:15 p.m.

BCP SITE ID: C241189 **MONITOR:** Alex Nolan

LLC

EQUIPMENT: PRESENT AT SITE:

2 CAT 355F Excavator Langan: Alex Nolan, Tyler Pollock, Shrinidhi Shetty

1 Delmag Drill Rig ECD: Justin Brennan

1 Hitachi ZX135US Excavator Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a Hitachi ZX135US Excavator to grade an area of about 25 feet long by 25 feet wide in waste characterization grid (WCG) COMP C.
- ECD installed rebar over previously installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane along the lagging and pile caps in WCG COMP C and COMP D in the northern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
		racking Pad tone	2"- 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone	
Facility/Material	Braen	of Sparta	Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafay	ette, NJ	Franklin, NJ Haledon, NJ		don, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0
DEC Approved Amount	480	Tons*	480 Tons*		480	Tons*

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• No material was exported from the site.

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	43			
Hazardous Soil/Fill	Quantity (CY)	0	820			
Bayshore Soil Management	No. Loads	0	169			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	3,380			
Middlesex County Utilities Authority Landfill	No. Loads	0	798			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	15,960			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	43			
	Quantity (CY)	0	860			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

• Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will export hazardous and non-hazardous soil.
- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:

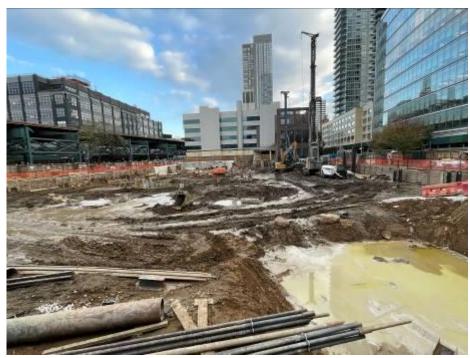


Photo 1: General site view (facing north).

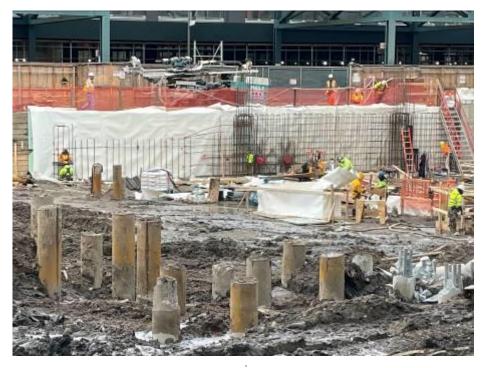


Photo 2: ECD installing rebar over previously installed vapor barrier (facing northwest).

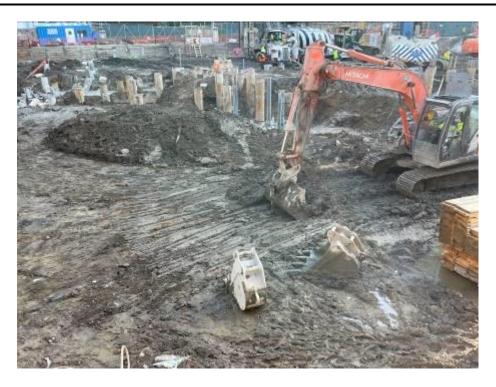
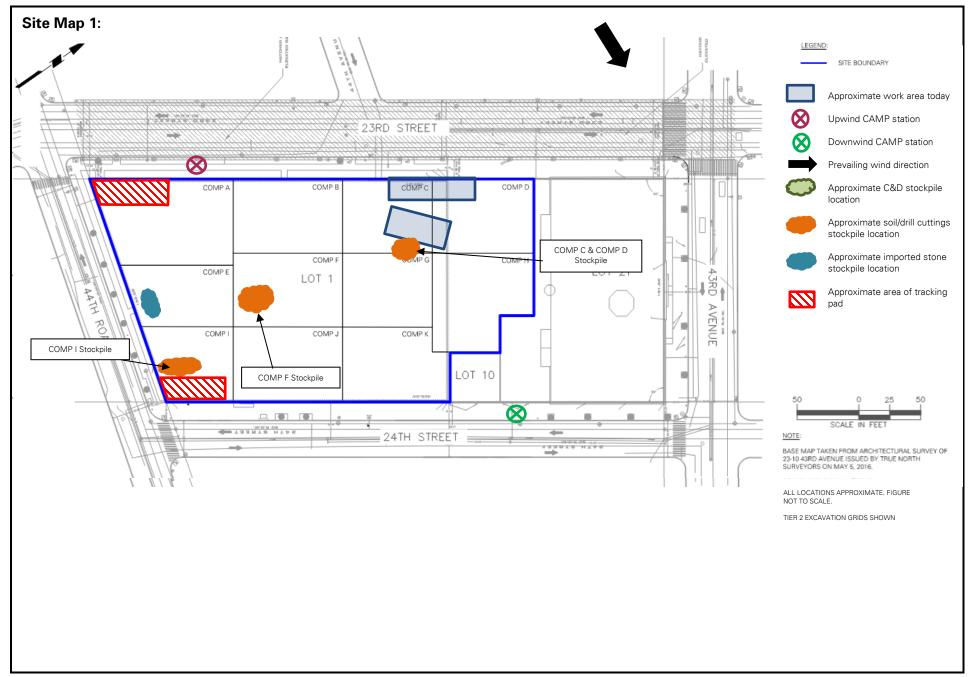
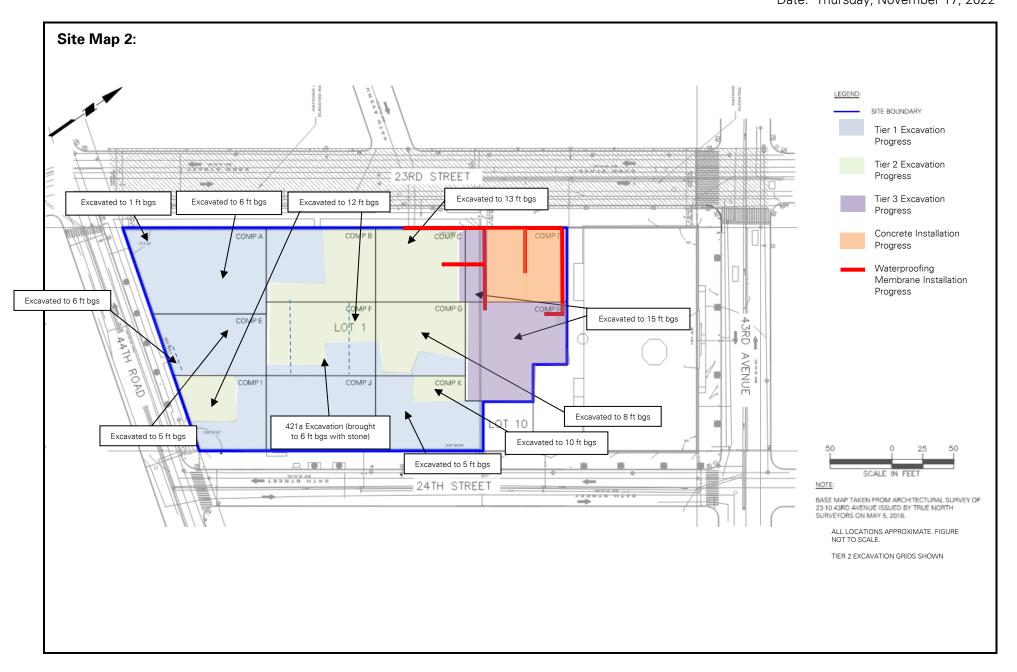


Photo 3: ECD using a Hitachi ZX135US Excavator to grade an area in WCG COMP C (facing east).



SITE OBSERVATION REPORT - RAWP Day 148







LANGAN SITE OBSERVATION REPORT – RAWP Day 149

CLIENT: DATE: **PROJECT No.:** Friday, November 18, 2022 170362702

Partly cloudy; 35 – 39 F, PROJECT: **WEATHER:** 23-15 44th Road

Wind: WSW @ 3.0 – 6.2 mph LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 5:45 a.m. - 4:30 p.m.

BCP SITE ID: MONITOR: Gabriella DeGennaro C241189

EQUIPMENT: PRESENT AT SITE:

2 CAT 355F Excavator Langan: Gabriella DeGennaro, Tyler Pollock

LLC

1 Delmag Drill Rig ECD: Justin Brennan

1 Hitachi ZX135US Excavator Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a CAT 355F Excavator to excavate an area of about 20 feet long by 20 feet wide by 5 feet deep (corresponding to 10 feet below former site grade [bfsq]) in Waste Characterization Grid (WCG) COMP K2. Hazardous soil/fill was live loaded onto trucks for disposal at Cycle Chem, Inc. in Elizabeth, NJ.
- ECD used a CAT 355F Excavator to excavate an area of about 15 feet long by 30 feet wide by 6 feet deep (corresponding to 12 feet bfsg) in WCG COMP G. Hazardous soil/fill was live loaded onto trucks for disposal at Cycle Chem, Inc. in Elizabeth, NJ.
- ECD used a CAT 355F Excavator to excavate an area of about 20 feet long by 15 feet wide by 4 feet deep (corresponding to 12 feet bfsg) in WCG COMP G. Non-hazardous soil/fill was live loaded onto trucks for disposal at MCUA in East Brunswick, NJ.
- ECD used a ECD used a CAT 355F Excavator to excavate an area of about 10 feet long by 10 feet wide by 4 feet deep (corresponding to 12 feet bfsg) in WCG COMP G. Non-hazardous soil/fill was stockpiled in WCG COMP G for future disposal.
- ECD used a Hitachi ZX135US Excavator to grade an area of about 20 feet long by 20 feet wide in WCG COMP C. Grading generated non-hazardous soil/fill that was added to the stockpile in WCG COMP G.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically along the pile caps in WCG COMP D in the northern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
		racking Pad tone	2"- 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta Braen Aggregates, LLC		Stone Industries, Inc.			
	Lafay	ette, NJ	Fr	Franklin, NJ Haledon, NJ		don, NJ
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0
DEC Approved Amount	480	Tons*	480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 23 loads (460 CY) of non-hazardous soil from the following WCGs to MCUA.
 - o COMP C (6-12)' and COMP D (8-16)': 2 loads (40 CY)
 - o COMP G (5-12)': 21 loads (420 CY)
- ECD exported 10 loads (200 CY) of hazardous soil/fill from WCGs COMP K2 (5-10)' and COMP G (5-12)' to Cycle Chem, Inc.

Soil/Fill Export Summary						
Facility	Exported	Total				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	10	53			
Hazardous Soil/Fill	Quantity (CY)	200	1,020			
Bayshore Soil Management	No. Loads	0	169			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	3,380			
Middlesex County Utilities Authority Landfill	No. Loads	21	819			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	420	16,380			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	43			
	Quantity (CY)	0	860			

Samples collected

Langan collected two confirmation end-point samples from the base of soil excavation in WCG COMP G (about 12 feet bfsg) and COMP H (about 15 feet bgs). Samples EP13_4.25 and EP36_3 were submitted for analysis to York Analytical Laboratories of Stratford, Connecticut for Part 375 VOCs, SVOCs, Metals, PCBs, PFAS, 1,4-dioxane, Hexavalent Chromium, Cyanide, and Pesticides/Herbicides.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - Data was not recorded intermittently at both the upwind and downwind stations throughout the workday due to equipment malfunction. Instantaneous readings did not exceed the action levels established in the site CAMP. Data was manually retrieved from both stations at the end of the work day. No dust or odors associated with ground intrusive activity was observed.

Anticipated Activities.

- ECD will export hazardous and non-hazardous soil.
- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:

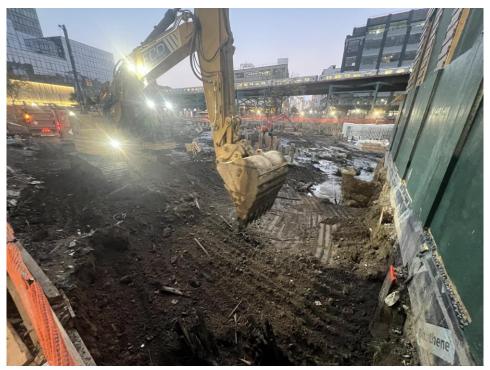


Photo 1: ECD excavating in WCG COMP K2 (facing west).

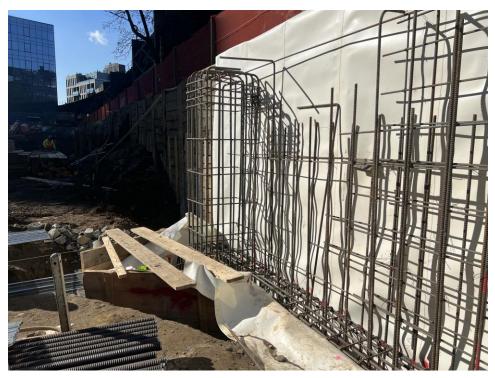


Photo 2: ECD installing GCP Preprufe vapor barrier and GCP Bituthene liquid membrane in WCG COMP D (facing southeast).



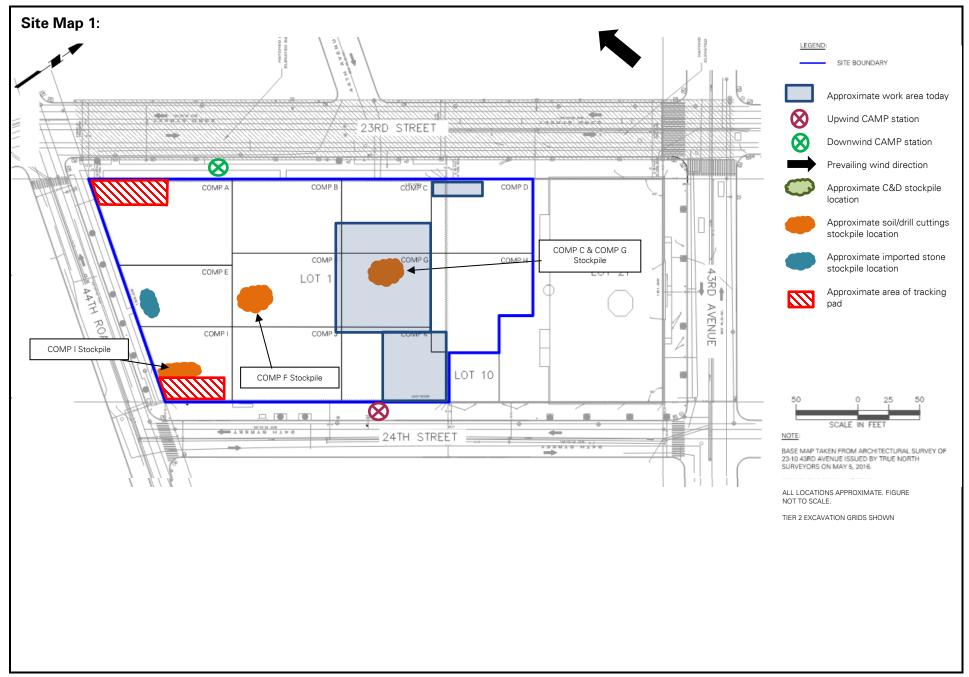
Photo 3: ECD loading hazardous soil/fill from WCG COMP G into a disposal truck (facing east).

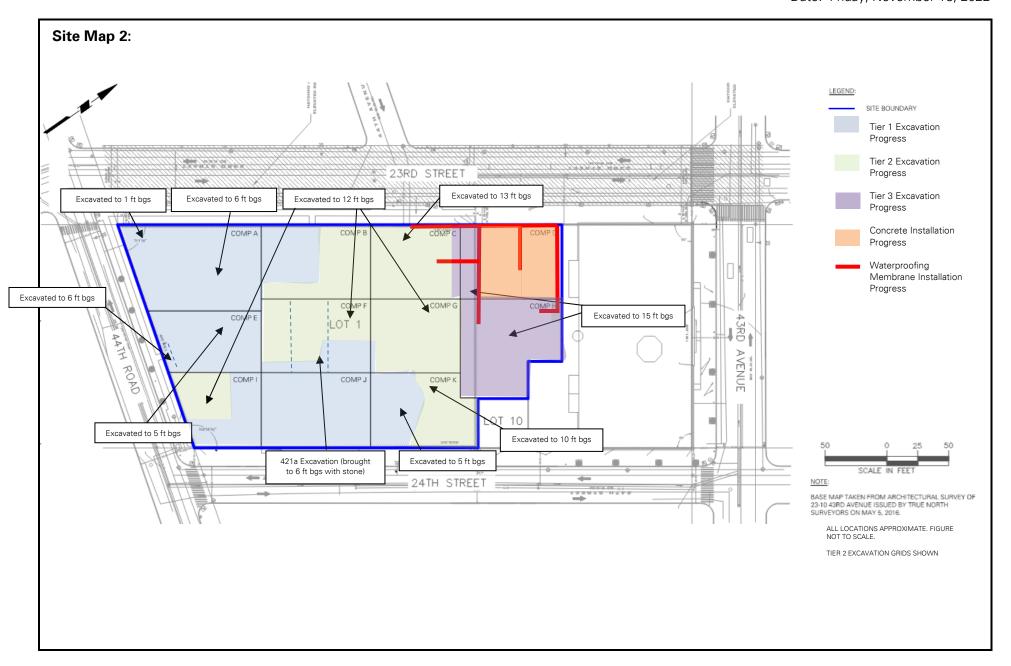


Photo 4: A disposal truck covered with a bungeed tarp preparing to leave the site (facing southwest).



SITE OBSERVATION REPORT - RAWP Day 149







LANGAN SITE OBSERVATION REPORT – RAWP Day 150

CLIENT: DATE: **PROJECT No.:** 170362702 Saturday, November 19, 2022

Partly Sunny; 34 – 41 F, PROJECT: **WEATHER:** 23-15 44th Road

Wind: WSW @ 2.6 - 6.6 mph LOCATION: CP VIII LIC Owner, TIME: Long Island City, New York 7:30 a.m. – 3:15 p.m.

LLC **BCP SITE ID:** C241189 **MONITOR:** Jack Millman

EQUIPMENT: PRESENT AT SITE:

2 CAT 355F Excavator Langan: Jack Millman, Tyler Pollock

1 Delmag Drill Rig ECD: Justin Brennan

1 Hitachi ZX135US Excavator Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a Hitachi ZX135US excavator to excavate an area of about 15 feet long by 15 feet wide by 1 foot deep (corresponding to 12 feet below former site grade [bfsg]) in Waste Characterization Grid (WCG) COMP G to level caissons. Hazardous soil/fill was temporarily stockpiled immediately adjacent to the work area and backfilled and graded upon completion of caisson work.
- ECD used CAT 355F excavators to load portions of the stockpiles consisting of non-hazardous soil/fill from WCGs COMP F and COMP G onto trucks for disposal at Bayshore Soil Management (Bayshore), in Keasbey, NJ.
- ECD used CAT 355F and Hitachi ZX135US excavators to excavate an area of about 20 feet long by 20 feet wide by 3 feet deep (corresponding to 10 feet bfsg) in WCG COMP G. Non-hazardous soil/fill was added to the stockpile in WCG COMP G.
- ECD used a CAT 355F Excavator to grade an area of about 20 feet long by 15 feet wide in WCG COMP C. Grading generated non-hazardous soil/fill that was stockpiled in WCG COMP C.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically along pile caps in WCG COMP C in the northern part of site.

Material Tracking

• No material was imported to the site.

Import Summary							
		racking Pad tone	2"- 4" Tracking Pad Stone			2"- 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta Braen Aggre		Aggregates, LLC	Stone Industries, Inc.			
	Lafay	ette, NJ	Franklin, NJ Haledon, NJ		don, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	9	221.94	15	364.88	0	0	
DEC Approved Amount	480	Tons*	480 Tons*		480 Tons*		

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 18 loads (360 CY) of non-hazardous soil from the following WCGs to Bayshore.
 - o COMP F (6-12)': 7 loads (140 CY)
 - o COMP G (5-12)' and COMP C (6-12)': 11 loads (220 CY)

Soil/Fill Export Summary						
Facility	Exported	Exported Today				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	53			
Hazardous Soil/Fill	Quantity (CY)	0	1,020			
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	18	187			
	Quantity (CY)	360	3,740			
Middlesex County Utilities Authority Landfill	No. Loads	0	819			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	16,380			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	43			
	Quantity (CY)	0	860			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

 Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will export hazardous and non-hazardous soil.
- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating in WCG COMP G (facing southeast).

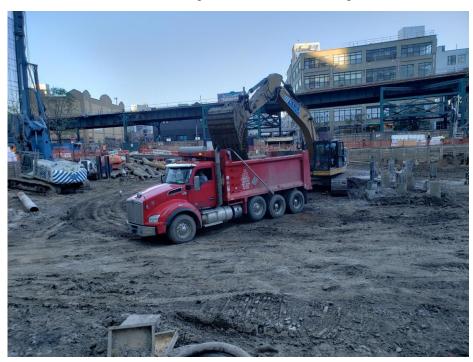


Photo 2: ECD loading non-hazardous soil/fill from WCG COMP F into a disposal truck (facing west).



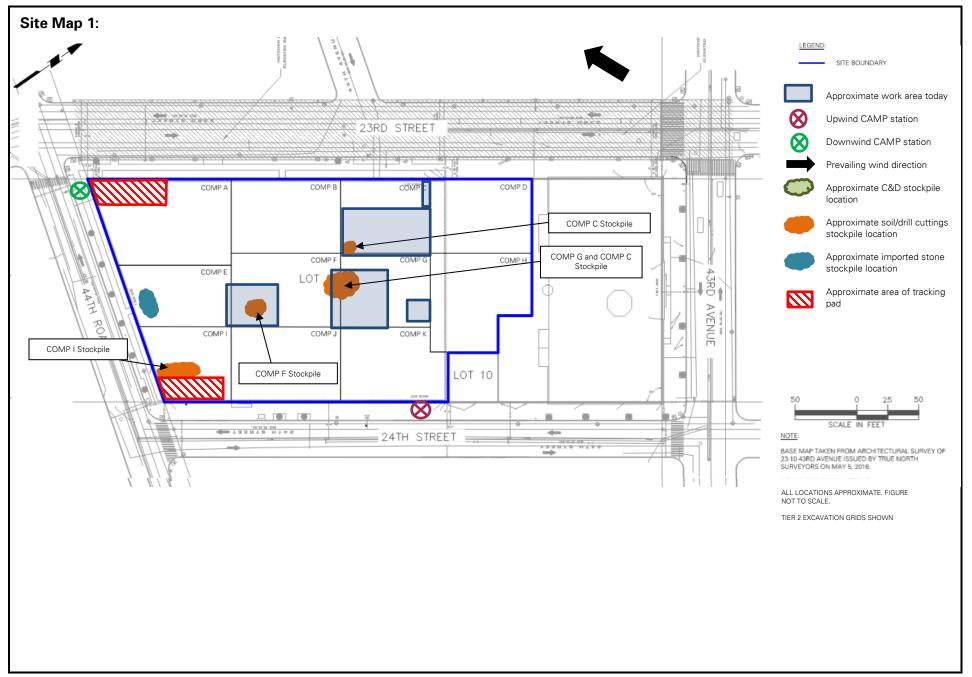
Photo 3: ECD grading an area in WCG COMP C (facing southeast).

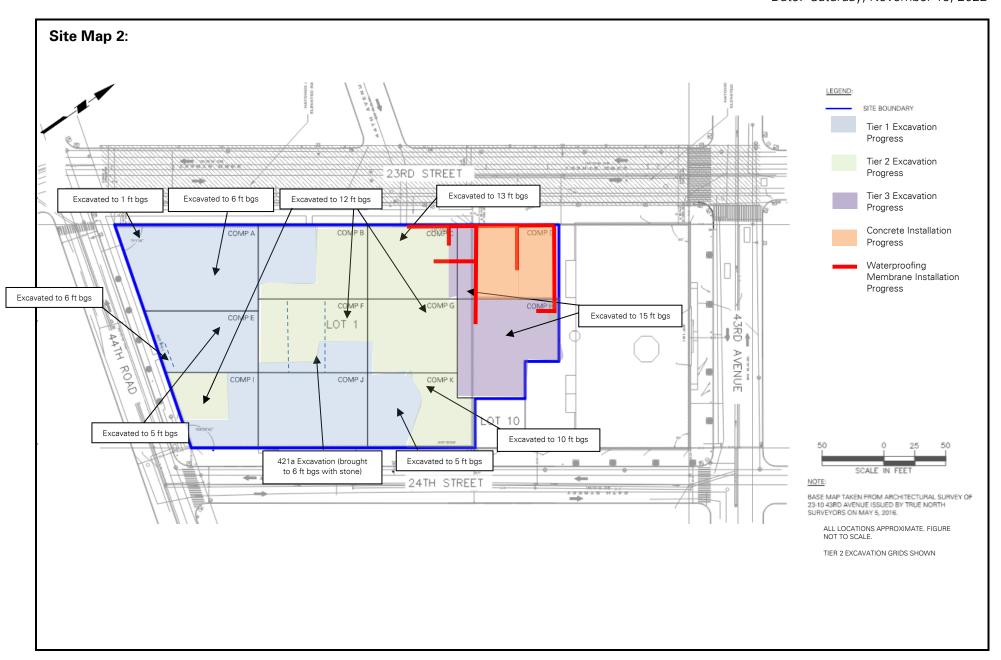


Photo 4: ECD installing GCP Preprufe vapor barrier and GCP Bituthene liquid membrane along pile caps in WCG COMP C (facing south).



SITE OBSERVATION REPORT – RAWP Day 150





LANGAN SITE OBSERVATION REPORT – RAWP Day 151

PROJECT No.: CLIENT: DATE: 170362702 Monday, November 21, 2022

Cloudy; 29 – 42 F, WEATHER: PROJECT: 23-15 44th Road

Wind: WSW @ 1.2 – 6.0 mph CP VIII LIC Owner, LOCATION: TIME: Long Island City, New York 5:45 a.m. – 6:00 p.m.

LLC

BCP SITE ID: C241189 MONITOR: Kaitlyn Gioia

EQUIPMENT: PRESENT AT SITE:

2 CAT 355F Excavator Langan: Kaitlyn Gioia, Tyler Pollock, Shreeya Pandey

1 Delmag Drill Rig ECD: Justin Brennan

1 Hitachi ZX135US Excavator Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated 16 July 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used CAT 355F excavators to load portions of the stockpiles in waste characterization grids (WCG) COMP G and COMP F onto trucks for disposal at Middlesex County Utilities Authority (MCUA) Landfill, in East Brunswick, NJ and Bayshore Soil Management (Bayshore), in Keasbey, NJ.
- ECD used CAT 355F excavators to load the stockpile in WCG COMP C onto trucks for disposal at Bayshore.
- ECD used a Hitachi ZX135US excavator to excavate an area of about 20 feet long by 10 feet wide by 3 feet deep (corresponding to 15 feet below former site grade [bfsq]) in WCG COMP H to install lagging. Non-hazardous soil/fill was added to the stockpile in WCG COMP G.
- ECD used a CAT 355F Hitachi ZX135US excavator to excavate an area of about 90 feet long by 5 feet wide by 1 foot deep (corresponding to about 15 feet bfsg) in WCG COMP H and COMP D for the installation of a soil mix guide wall. Hazardous lead-impacted soil/fill from COMP H was stockpiled in WCG COMP K2. Non-hazardous soil/fill from COMP D was live-loaded onto trucks for disposal at Bayshore.
- ECD used a CAT 355F Hitachi ZX135US excavator to excavate an area of about 20 feet long by 10 feet wide by 5 feet deep (corresponding to about 10 feet bfsg) in WCG COMP G. Excavated soil/fill was added to the stockpile in WCG COMP G.
- ECD used a CAT 355F excavator to grade an area of about 20 feet long by 15 feet wide in WCG COMP B. Grading generated non-hazardous soil/fill that was added to stockpiled material in WCG COMP F.
- ECD used a CAT 355F excavator to grade an area of about 20 feet long by 20 feet wide in WCG COMP G. Grading generated non-hazardous soil/fill that was added to stockpiled material in WCG COMP G.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically along pile caps in WCG COMP H in the northeastern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
	2"– 4" Tracking Pad Stone		2"-4" Tracking Pad Stone		2"– 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta Braen Aggr		Aggregates, LLC	Stone Industries, Inc.		
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 21 loads (420 CY) of non-hazardous soil from the following WCGs to MCUA.
 - o COMP G (5-12)': 18 loads (360 CY)
 - o COMP C (6-12)': 3 loads (60 CY)
- ECD exported 12 loads (240 CY) of non-hazardous soil from the following WCGs to Bayshore.
 - o COMP F (6-12)': 5 loads (100 CY)
 - o COMP G (5-12)': 4 loads (120 CY)
 - o COMP G (5-12)' and COMP D (8-16)': 2 loads (40 CY)
 - o COMP C (6-12)': 1 load (20 CY)

Soil/Fill Export Summary						
Facility	Exported	Total				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	53			
Hazardous Soil/Fill	Quantity (CY)	0	1,020			
Bayshore Soil Management	No. Loads	12	199			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	240	3,980			
Middlesex County Utilities Authority Landfill	No. Loads	21	840			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	420	16,800			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	43			
	Quantity (CY)	0	860			

Samples collected

Langan collected one confirmation end-point sample from the base of soil excavation in WCG COMP H
(about 15 feet bfsg). Sample EP22_3 was submitted for analysis to York Analytical Laboratories of
Stratford, Connecticut for Part 375 VOCs, SVOCs, Metals, PCBs, PFAS (EPA 1633), 1,4-dioxane,
Hexavalent Chromium, Cyanide, and Pesticides/Herbicides.

Community Air Monitoring Plan (CAMP) Activities

• Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will export hazardous and non-hazardous soil.
- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: ECD loading disposal trucks from WCGs COMP G and COMP F (facing southeast).



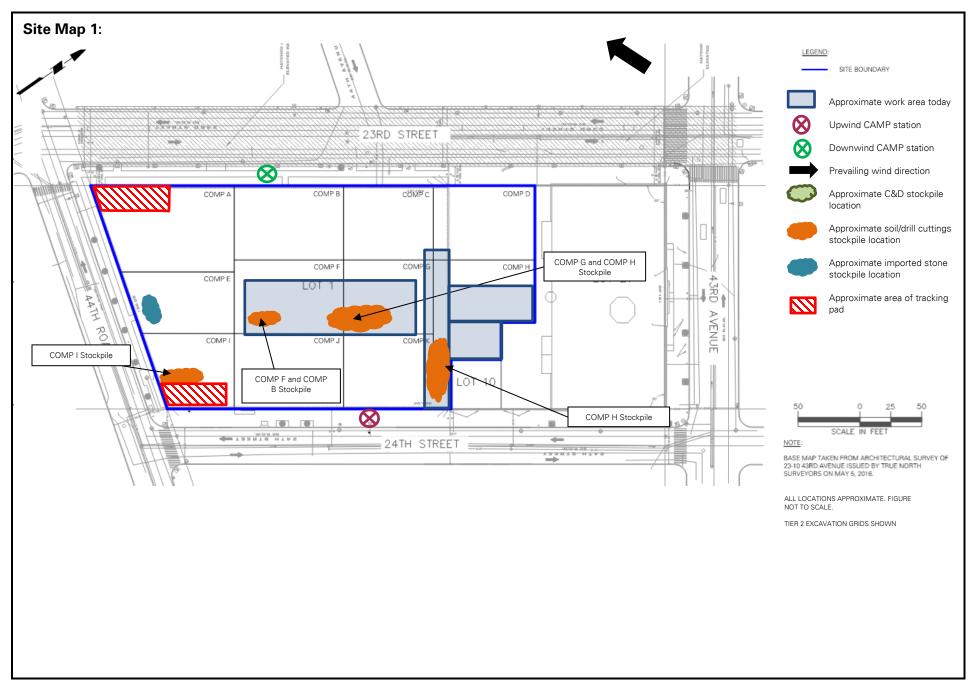
Photo 2: ECD installing a tarp and bungees on a disposal truck prior to departure (facing west).

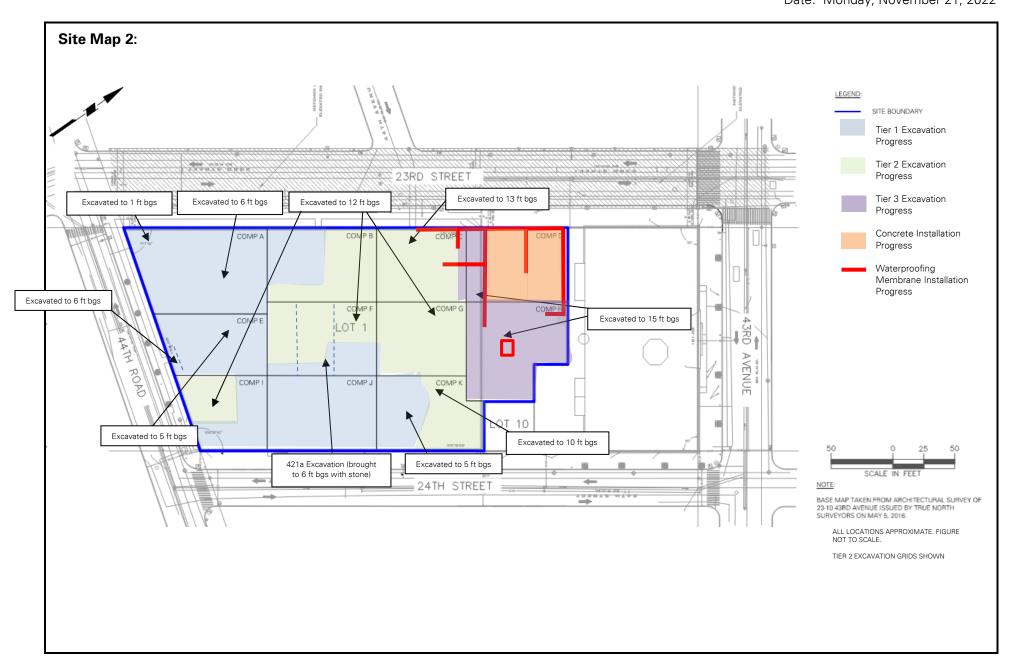


Photo 3: ECD installing a soil mix wall and vapor barrier in WCG COMP H and COMP D (facing northwest).



SITE OBSERVATION REPORT - RAWP Day 151







LANGAN SITE OBSERVATION REPORT – RAWP Day 152

PROJECT No.: **CLIENT:** DATE: 170362702 Tuesday, November 22, 2022

Sunny; 36 – 51 F, WEATHER: PROJECT: 23-15 44th Road

Wind: WNW @ 1.1 - 4.3 mph CP VIII LIC Owner,

LOCATION: Long Island City, New York TIME: 5:45 a.m. - 5:30 p.m. LLC

MONITOR: **BCP SITE ID:** C241189 Gabriella DeGennaro

EQUIPMENT: PRESENT AT SITE:

Langan: Gabriella DeGennaro, Tyler Pollock, Shreeya 2 CAT 355F Excavator

1 Delmag Drill Rig Pandey

1 Hitachi ZX135US Excavator ECD: Justin Brennan Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used CAT 355F excavators to load portions of the stockpiles in waste characterization grids (WCG) COMP G and COMP F onto trucks for disposal at Middlesex County Utilities Authority (MCUA) Landfill, in East Brunswick, NJ and Bayshore Soil Management (Bayshore), in Keasbey, NJ.
- ECD used a CAT 355F excavator to excavate an area of about 10 feet long by 10 feet wide by 5 feet deep (corresponding to 12 feet below former site grade [bfsq]) in WCG COMP F. Non-hazardous soil/fill was live-loaded onto trucks for disposal at Bayshore, in Keasbey, NJ.
- ECD used a CAT 355F excavator to excavate an area of about 15 feet by 10 feet wide by 5 feet deep (corresponding to 12 feet bfsg) in WCG COMP F. Non-hazardous soil/fill was live-loaded onto trucks for disposal at Bayshore, in Keasbey, NJ.
- ECD used a CAT 355F excavator to load the stockpile in WCG COMP K2 (consisting of hazardous soil from WCG COMP H) to Clean Earth New Jersey (CENJ), in Kearny, NJ.
- ECD used a CAT 355F excavator to excavate an area of about 20 feet long by 10 feet wide by 5 feet deep (corresponding to 10 feet bfsg) in WCGs COMP K2 and COMP G. Hazardous lead-impacted soil/fill was live-loaded onto trucks for disposal at CENJ.
- ECD used a Hitachi ZX135US excavator to excavate an area of about 5 feet long by 5 feet wide by 3 feet deep (corresponding to 13 feet bfsg) in WCG COMP K to install a pile cap. Non-hazardous soil/fill was stockpiled adjacent to the pile cap in WCG COMP K.
- ECD used a CAT 355F excavator to grade an area of about 30 feet long by 20 feet wide in WCG COMP K2. Grading did not generate a stockpile.

Material Tracking

• No material was imported to the site.

Import Summary						
	2"– 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 21 loads (420 CY) of non-hazardous soil from the following WCGs to MCUA.
 - COMP G (5-12)': 19 loads (380 CY)
 - o COMP F (6-12)' and COMP B (6-12)': 2 loads (40 CY)
- ECD exported 15 loads (300 CY) of non-hazardous soil from the following WCGs to Bayshore.
 - o COMP F (6-12)': 3 loads (60 CY)
 - o COMP G (5-12)': 4 loads (80 CY)
 - o COMP G (5-12)' and COMP F (6-12)': 8 loads (160 CY)
- ECD exported 10 loads (200 CY) of hazardous soil from the following WCGs to CENJ.
 - o COMP K2 (5-10)': 6 loads (120 CY)
 - o COMP K2 (5-10)', COMP H (14-18)', and COMP G (12-15)': 4 loads (80 CY)

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	53			
Hazardous Soil/Fill	Quantity (CY)	0	1,020			
Bayshore Soil Management	No. Loads	15	214			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	300	4,280			
Middlesex County Utilities Authority Landfill	No. Loads	21	861			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	420	17,220			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	10	53			
	Quantity (CY)	200	1,060			

Samples collected

Langan collected four confirmation end-point samples from the base of soil excavation in WCG COMP F and COMP G (about 12 feet bfsg). Samples EP20_4.25, EP19_4.25, EP17_4.25 and DUP01_112222 were submitted for analysis to York Analytical Laboratories of Stratford, Connecticut for Part 375 VOCs, SVOCs, Metals, PCBs, PFAS (EPA 1633), 1,4-dioxane, Hexavalent Chromium, Cyanide, and Pesticides/Herbicides.

Community Air Monitoring Plan (CAMP) Activities

 Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will export hazardous and non-hazardous soil.
- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: ECD loading disposal trucks from WCGs COMP G (facing north).



Photo 2: ECD installing bungees and a tarp on a disposal truck prior to departure (facing southwest).



Photo 3: ECD loading material from WCG COMP F (facing south).

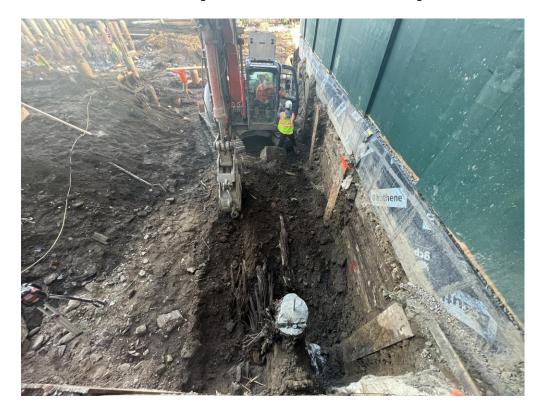
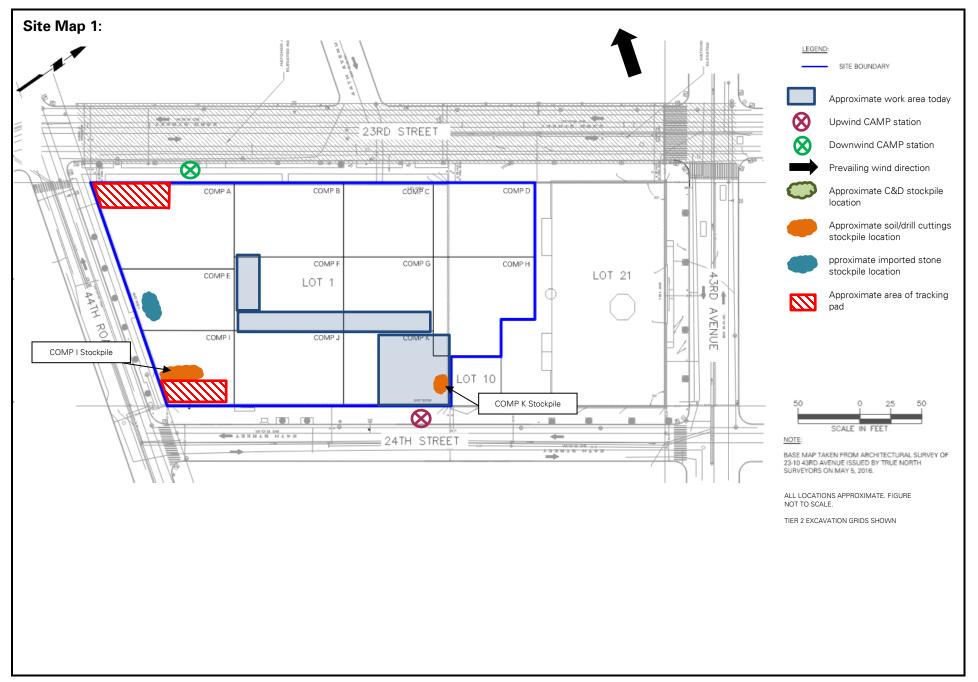
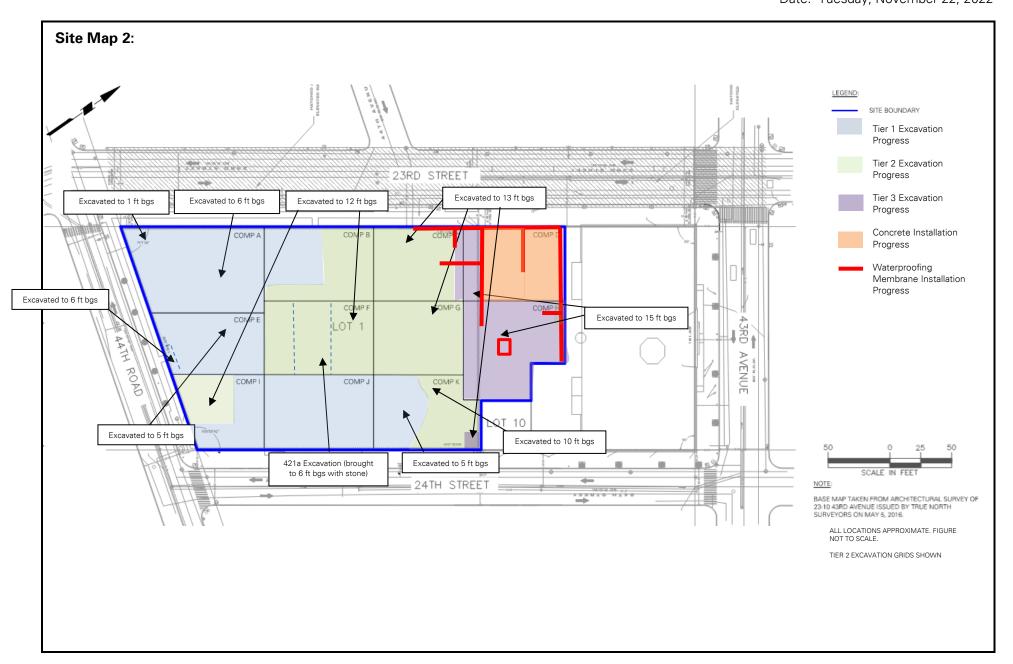


Photo 4: ECD excavating a pile cap in WCG COMP K2 (facing west).



SITE OBSERVATION REPORT – RAWP Day 152







LANGAN SITE OBSERVATION REPORT – RAWP Day 153

Wednesday, November 23, PROJECT No.: **CLIENT:** DATE: 170362702

2022

Sunny; 39 – 55 F, PROJECT: **WEATHER:** 23-15 44th Road

LLC

Wind: W @ 1.2 – 4.5 mph CP VIII LIC Owner, LOCATION: Long Island City, New York TIME: 6:30 a.m. - 1:30 p.m.

MONITOR: **BCP SITE ID:** C241189 Gabriella DeGennaro

EQUIPMENT: PRESENT AT SITE:

2 CAT 355F Excavator Langan: Gabriella DeGennaro, Dhanvi Raghavendra

1 Delmag Drill Rig ECD: Justin Brennan

1 Hitachi ZX135US Excavator Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a Hitachi ZX135US excavator to excavate an area of about 40 feet long by 5 feet wide by 2 feet deep (corresponding to 15 feet below former site grade [bfsg]) in waste characterization grids (WCG) COMP C and COMP B to install a soil mix wall. Non-hazardous soil/fill was stockpiled adjacent to the wall.
- ECD used a CAT 355F excavator to excavate an area of about 25 feet long by 15 feet wide by 5 feet deep (corresponding to 10 feet bfsg) in WCGs COMP K2. Hazardous lead-impacted soil/fill was liveloaded onto trucks for disposal at Clean Earth of North Jersey (CENJ), in Kearny, NJ.
- ECD used a CAT 355F excavator to excavate an area of about 15 feet long by 10 feet wide by 2 feet deep (corresponding to about 15 feet bfsg) in WCG COMP G to level caisson height. Non-hazardous soil/fill was stockpiled adjacent to the excavation.
- ECD used a Hitachi ZX135US excavator to excavate an area of about 6 feet long by 5 feet wide by 4 feet deep (corresponding to 19 feet bfsg) in WCG COMP H to install lagging. Non-hazardous soil/fill was stockpiled adjacent to the excavation and replaced when work was completed.
- ECD used a Hitachi ZX135US excavator to excavate an area of about 8 feet long by 8 feet wide by 2 feet deep (corresponding to 15 feet bfsg) in WCG COMP K to install a pile cap. Non-hazardous soil/fill was added to the existing stockpile in WCG COMP K.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically along a pile cap in WCG COMP H in the northeastern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
	2"– 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• ECD exported 10 loads (200 CY) of hazardous soil from the WCG COMP K2 to CENJ.

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	53			
Hazardous Soil/Fill	Quantity (CY)	0	1,020			
Bayshore Soil Management	No. Loads	0	214			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	4,280			
Middlesex County Utilities Authority Landfill East Brunswick, NJ	No. Loads	0	861			
Non-Hazardous Soil/Fill	Quantity (CY)	0	17,220			
Clean Earth of North Jersey Kearny, NJ	No. Loads	10	63			
Hazardous Soil/Fill	Quantity (CY)	200	1,260			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

• Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.

Anticipated Activities.

- ECD will export hazardous and non-hazardous soil.
- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: ECD loading a disposal truck from WCG COMP K2 (facing east).



Photo 2: ECD excavating for soil mix wall installation in WCG COMP C (facing south).

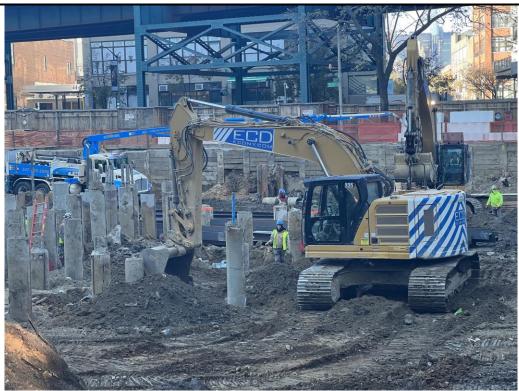


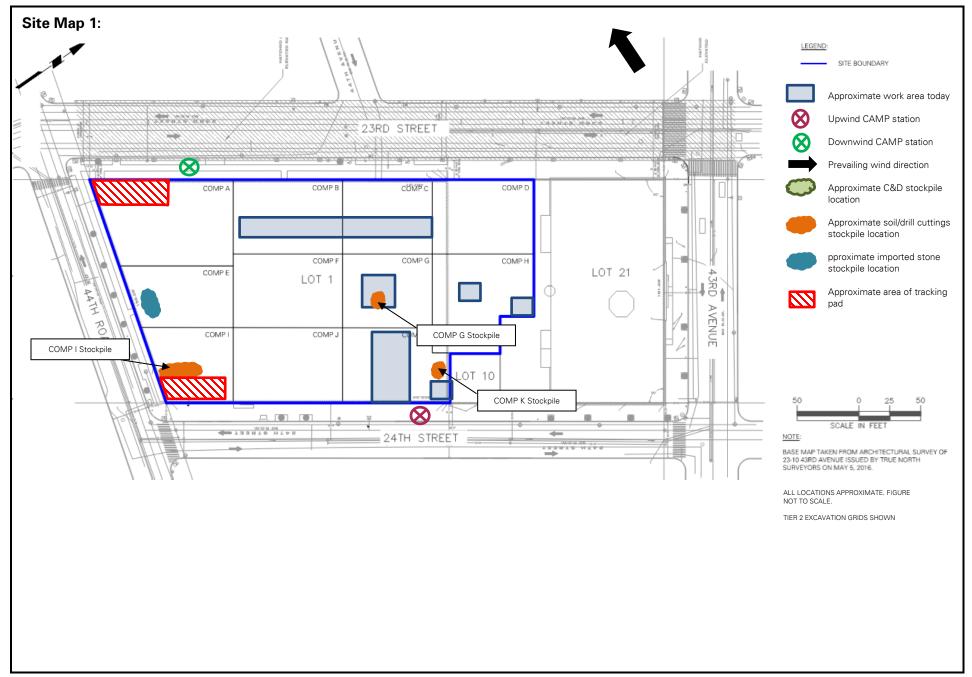
Photo 3: ECD excavating material from WCG COMP G (facing west).

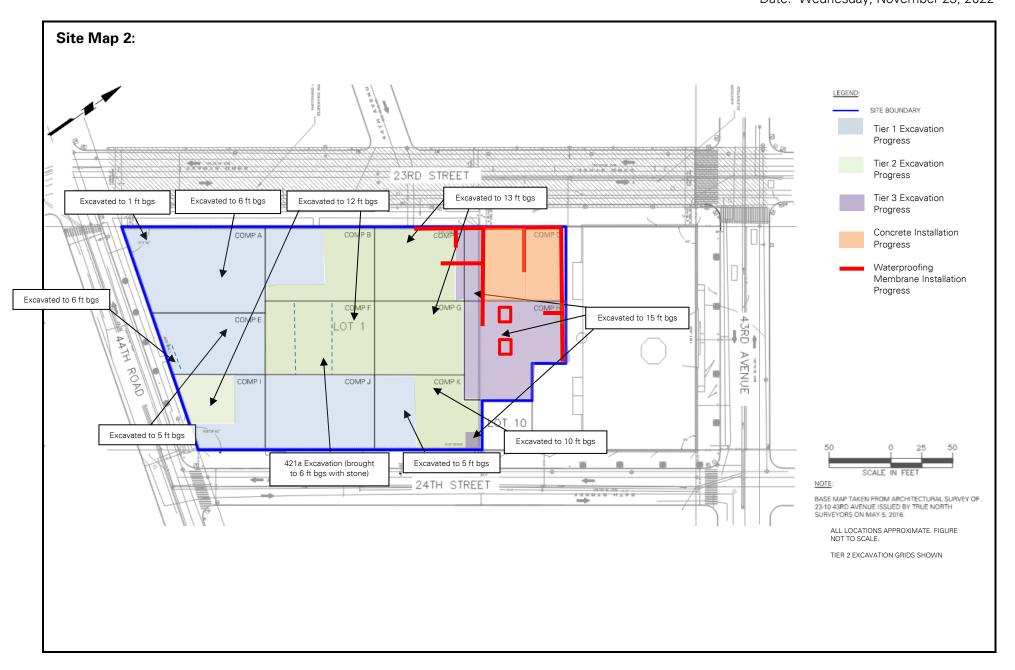


Photo 4: ECD excavating a pile cap in WCG COMP K2 (facing north).



SITE OBSERVATION REPORT – RAWP Day 153







LANGAN SITE OBSERVATION REPORT – RAWP Day 154

PROJECT No.: **CLIENT:** DATE: 170362702 Monday, November 28, 2022

Sunny; 49 - 54 F, WEATHER: PROJECT: 23-15 44th Road

Wind: NW @ 4.6 – 7.1 mph CP VIII LIC Owner,

LOCATION: Long Island City, New York TIME: 6:00 a.m. - 4:15 p.m. LLC

MONITOR: **BCP SITE ID:** C241189 Gabriella DeGennaro

EQUIPMENT: PRESENT AT SITE:

Langan: Gabriella DeGennaro, Tyler Pollock 2 CAT 355F Excavator

1 Delmag Drill Rig ECD: Justin Brennan

1 Hitachi ZX135US Excavator Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a CAT 355F excavator to excavate an area of about 40 feet long by 5 feet wide by 2 feet deep (corresponding to 12 feet below former site grade [bfsq]) in waste characterization grid (WCG) COMP K to install a soil mix wall. Non-hazardous soil/fill was added to the existing stockpile in COMP Κ.
- ECD used a CAT 355F excavator to excavate an area of about 25 feet long by 20 feet wide by 5 feet deep (corresponding to 10 feet bfsg) in WCG COMP K2. Hazardous lead-impacted soil/fill was liveloaded onto trucks for disposal at Clean Earth of North Jersey (CENJ), in Kearny, NJ.
- ECD used a Hitachi ZX135US excavator to excavate an area of about 16 feet long by 5 feet wide by 3 feet deep (corresponding to 16 feet bfsg) in WCG COMP C to install lagging. Non-hazardous soil/fill was stockpiled adjacent to the excavation and replaced when work was completed.
- ECD used a Hitachi ZX135US excavator to excavate an area of about 8 feet long by 8 feet wide by 3 feet deep (corresponding to 18 feet bfsg) in WCG COMP H to install a pile cap. Non-hazardous soil/fill was stockpiled in WCG COMP H.
- ECD used a Hitachi ZX135US excavator to excavate an area of about 16 feet long by 5 feet wide by 3 feet deep (corresponding to 13 feet bfsg) in WCG COMP K to install lagging. Non-hazardous soil/fill was stockpiled adjacent to the excavation and replaced when work was completed.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically along a pile cap in WCG COMP H in the northeastern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
	2"– 4" Tracking Pad Stone		2"-4" Tracking Pad Stone		2"- 4" Tracking Pad Stone	
Facility/Material	Braen of Spa		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

• ECD exported 20 loads (400 CY) of hazardous soil from the WCG COMP K2 to CENJ.

Soil/Fill Export Summary						
Facility	Exported	Exported Today				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	53			
Hazardous Soil/Fill	Quantity (CY)	0	1,020			
Bayshore Soil Management	No. Loads	0	214			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	4,280			
Middlesex County Utilities Authority Landfill	No. Loads	0	861			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	17,220			
Clean Earth of North Jersey Kearny, NJ	No. Loads	20	83			
Hazardous Soil/Fill	Quantity (CY)	400	1,660			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - o CAMP was not implemented from 7:37 AM to 8:53 AM due to inclement weather. Both stations were recalibrated and restarted when weather conditions improved. No fugitive dusts or odors associated with ground intrusive activities were observed during this time.

Anticipated Activities.

- ECD will export hazardous and non-hazardous soil.
- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:

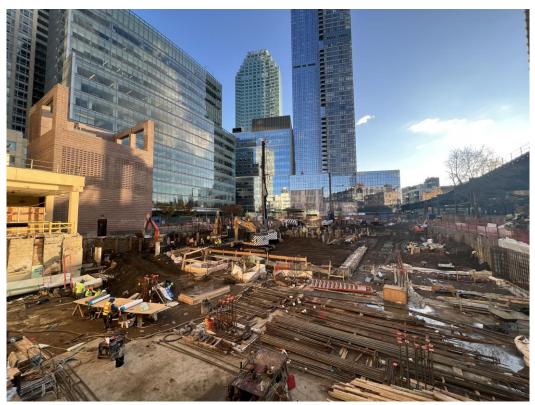


Photo 1: General site view (facing south).



Photo 2: ECD live-loading a disposal truck with hazardous soil/fill from WCG COMP K2 (facing southwest).



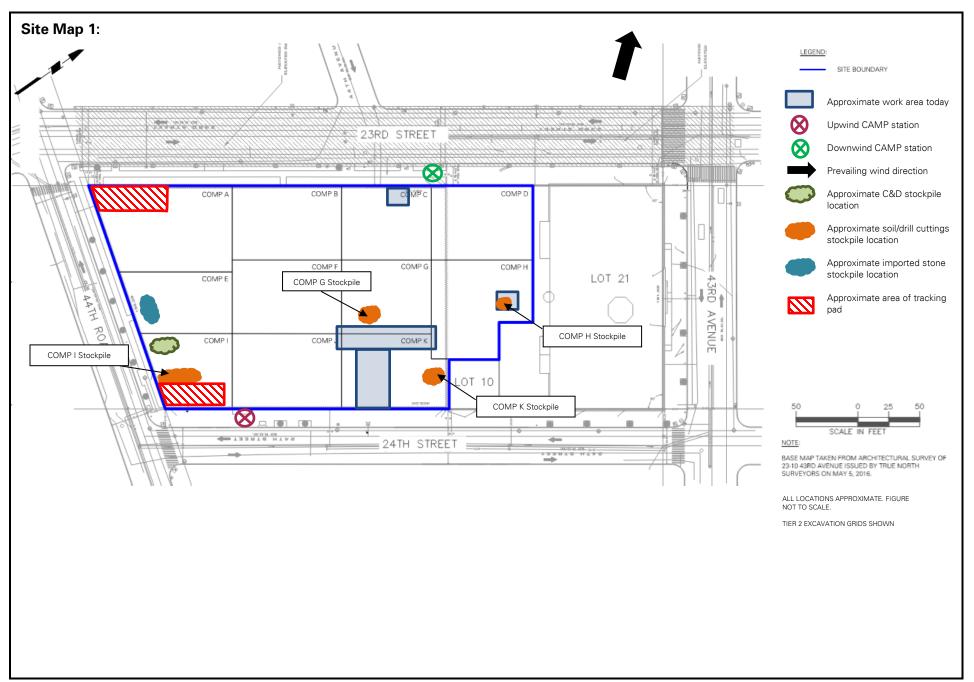
Photo 3: ECD applying a tarp and bungees to a disposal truck preparing to leave the site (facing southwest).

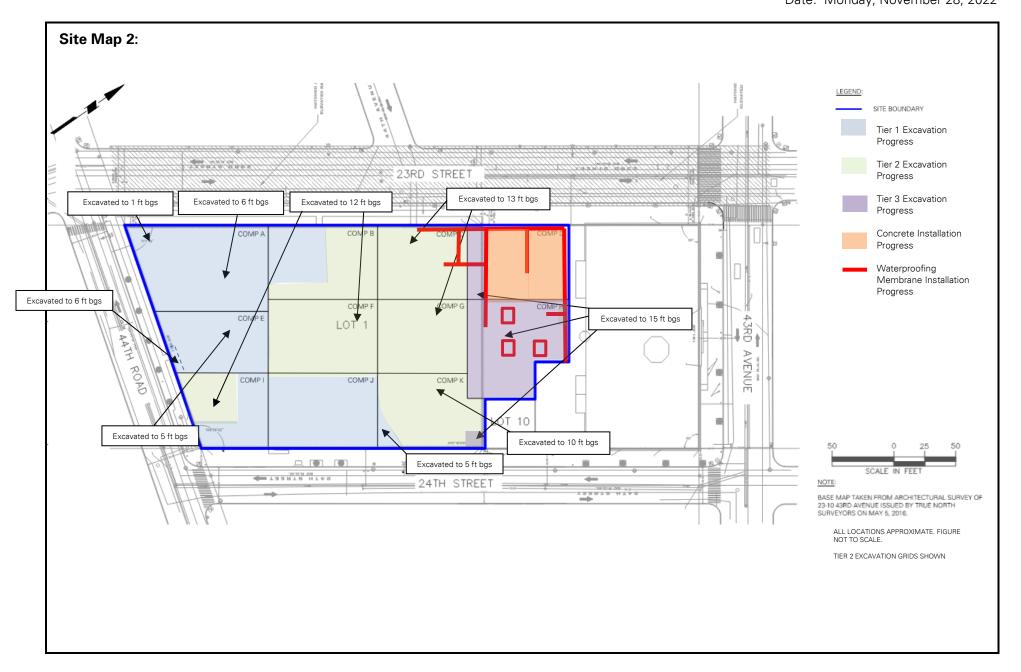


Photo 4: ECD installing lagging in WCG COMP K (facing down).



SITE OBSERVATION REPORT - RAWP Day 154







LANGAN SITE OBSERVATION REPORT – RAWP Day 155

PROJECT No.: **CLIENT:** DATE: 170362702 Tuesday, November 29, 2022

Sunny; 34 - 46 F, WEATHER: PROJECT: 23-15 44th Road

Wind: NW @ 0.5 – 2.2 mph CP VIII LIC Owner, LOCATION: TIME: Long Island City, New York 5:45 a.m. - 4:15 p.m.

LLC

MONITOR: **BCP SITE ID:** C241189 Gabriella DeGennaro

EQUIPMENT: PRESENT AT SITE:

2 CAT 355F Excavator Langan: Gabriella DeGennaro, Hamed Touchaei

1 Delmag Drill Rig ECD: Justin Brennan

1 Hitachi ZX135US Excavator Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a CAT 355F excavator to excavate an area of about 20 feet long by 5 feet wide by 2 feet deep (corresponding to 12 feet below former site grade [bfsq]) in waste characterization grids (WCG) COMP K and COMP J to install a soil mix wall. Non-hazardous soil/fill was added to the existing stockpile in COMP K.
- ECD used a CAT 355F excavator to excavate an area of about 30 feet long by 15 feet wide by 5 feet deep (corresponding to 10 feet bfsg) in hazardous lead hotspots HS-2/3 in WCG COMP J. Hazardous lead-impacted soil/fill was live-loaded onto trucks for disposal at Clean Earth of North Jersey (CENJ), in Kearny, NJ.
- ECD used a CAT 355F excavator to excavate an area of about 25 feet long by 10 feet wide by 5 feet deep (corresponding to 10 feet bfsg) in hazardous lead hotspot WCG COMP K2. Hazardous leadimpacted soil/fill was live-loaded onto trucks for disposal at CENJ.
- ECD used a Hitachi ZX135US excavator to excavate an area of about 16 feet long by 5 feet wide by 3 feet deep (corresponding to 16 feet bfsg) in WCG COMP C to install lagging. Non-hazardous soil/fill was stockpiled adjacent to the excavation and replaced when work was completed.
- ECD used a Hitachi ZX135US excavator to grade a surface area of 10 feet by 8 feet in WCG COMP H. No stockpile was generated from grading.
- ECD used a Hitachi ZX135US excavator to excavate an area of about 16 feet long by 5 feet wide by 3 feet deep (corresponding to 13 feet bfsg) in WCG COMP K to install lagging. Non-hazardous soil/fill was stockpiled adjacent to the excavation and replaced when work was completed.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically along a pile cap and the lagging in WCG COMP H in the northeastern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
	2"– 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 13 loads (260 CY) of hazardous soil from the following WCGs to CENJ.
 - o COMP K2 (5-10)': 8 loads (160 CY)
 - o COMP J (5-10)': 5 loads (100 CY)

Soil/Fill Export Summary						
Facility	Exported	Today	Total			
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	53			
Hazardous Soil/Fill	Quantity (CY)	0	1,020			
Bayshore Soil Management	No. Loads	0	214			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	4,280			
Middlesex County Utilities Authority Landfill	No. Loads	0	861			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	17,220			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	13	96			
	Quantity (CY)	260	1,920			

Samples collected

• No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - Data collection at the upwind CAMP station was temporarily suspended from 11:56 AM to 12:11 PM to correct an equipment malfunction. No dust or odors associated with ground intrusive activity were observed.
 - Data collection at the downwind CAMP station was temporarily suspended from 12:12 PM to 12:20 PM to correct an equipment malfunction. No dust or odors associated with ground intrusive activity were observed.

Anticipated Activities.

- ECD will export hazardous and non-hazardous soil.
- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

SITE PHOTOGRAPHS:



Photo 1: ECD live-loading hazardous soil/fill from WCG COMP K2 (facing north).

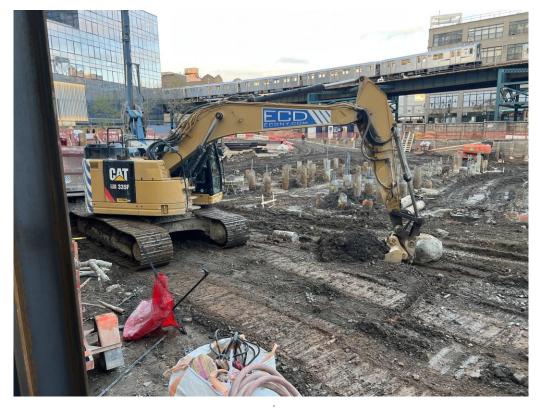


Photo 2: ECD excavating and live-loading hazardous soil/fill from WCG COMP J (facing southwest).



Photo 3: ECD excavating in WCG COMP K and J for soil mix wall installation (facing west).

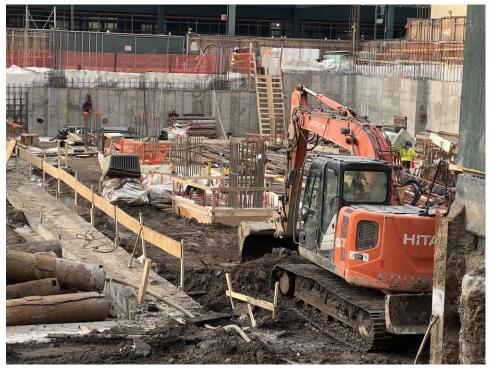
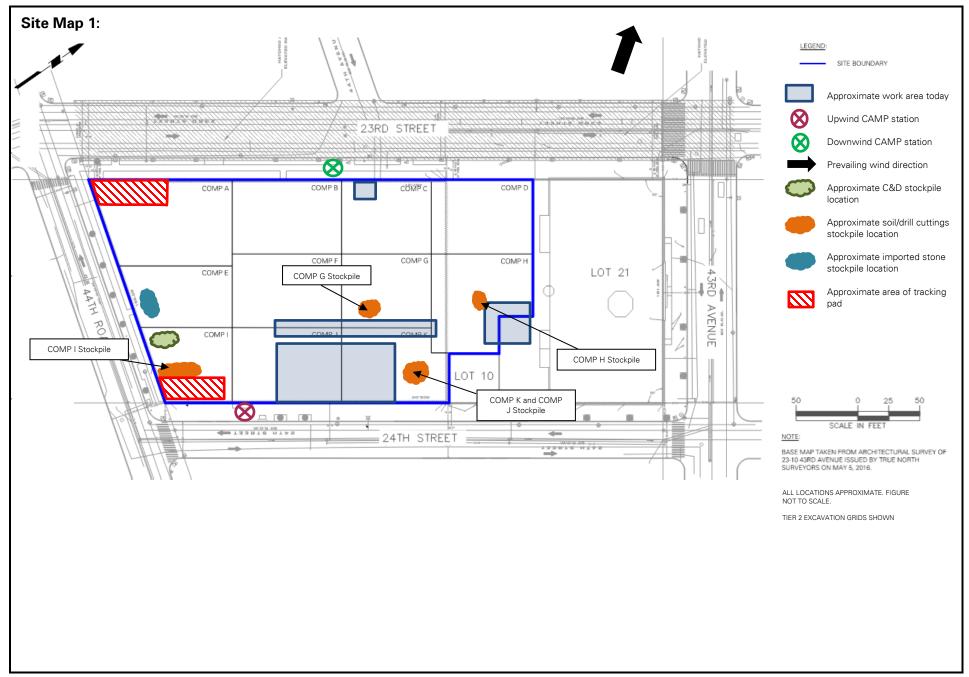
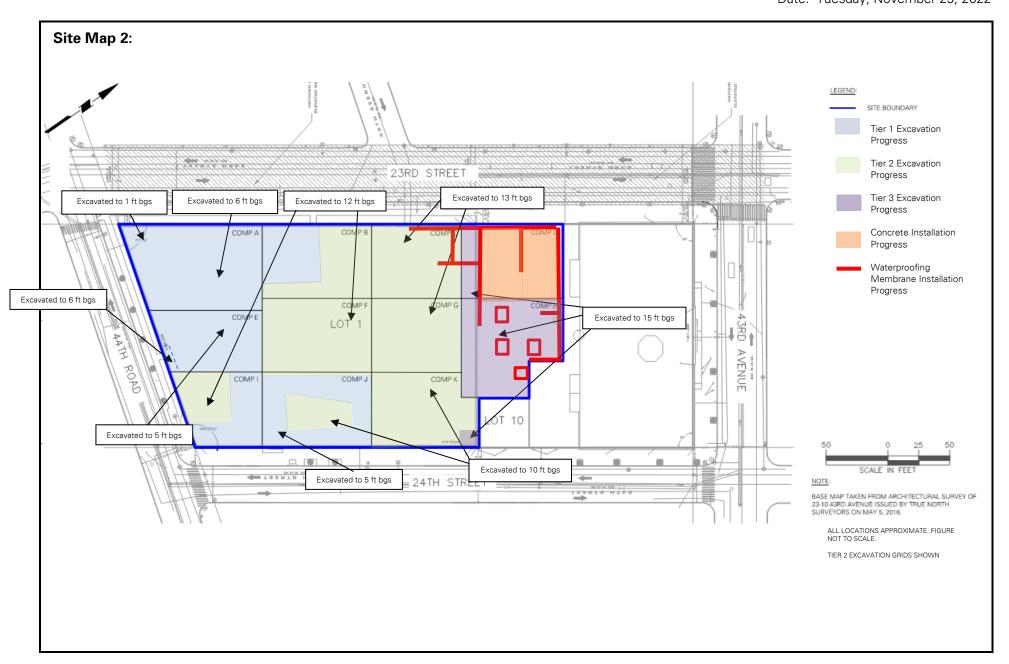


Photo 4: ECD grading non-hazardous soil/fill in WCG COMP H (facing northwest).



SITE OBSERVATION REPORT – RAWP Day 155





LANGAN SITE OBSERVATION REPORT – RAWP Day 156

Wednesday, November 30, PROJECT No.: **CLIENT:** DATE: 170362702

2022

Rainy; 42 – 53 F, PROJECT: **WEATHER:** 23-15 44th Road

LLC

Wind: ENE 0.6 – 2.5 mph CP VIII LIC Owner, LOCATION: 5:45 a.m. - 4:30 p.m. Long Island City, New York TIME:

MONITOR: **BCP SITE ID:** C241189 Gabriella DeGennaro

EQUIPMENT: PRESENT AT SITE:

2 CAT 355F Excavator Langan: Gabriella DeGennaro, Hamed Touchaei

1 Delmag Drill Rig ECD: Justin Brennan

1 Hitachi ZX135US Excavator Carmel Partners: Craig Goldberg, Angelo Ingrati

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan observed implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP), dated July 16, 2019, and implemented the Community Air Monitoring Plan (CAMP).

Site Activities

- ECD used a CAT 355F excavator to excavate an L-shaped area of about 20 feet long by 5 feet wide by 2 feet deep (corresponding to 14 feet below former site grade [bfsg]) in waste characterization grids (WCG) COMP F and COMP J2 to install a soil mix wall. Non-hazardous soil/fill was either stockpiled adjacent to the wall in WCG COMP J2 and WCG COMP F or live-loaded onto trucks for offsite disposal at Bayshore Soil Management in Keasby, NJ.
- ECD used a CAT 355F excavator to excavate an area of about 20 feet long by 15 feet wide by 5 feet deep (corresponding to 10 feet bfsg) in WCG COMP J2. Non-hazardous soil/fill was added to the stockpiled material in WCG COMP K.
- ECD used a CAT 355F excavator to excavate an area of about 30 feet long by 10 feet wide by 2 feet deep (corresponding to 12 feet bfsg) in WCG COMP K. Non-hazardous soil/fill was added to the existing stockpile in WCG COMP K.
- ECD used a CAT 355F excavator to load trucks with the stockpiled soil/fill in WCG COMP K.
 - o Trucks were loaded with material from WCG COMP J2 (5-10)' and COMP K (10-15)' initially for disposal at Bayshore. After the trucks had left site, it was determined that the material was not approved for this facility. The trucks returned, dumped, and stockpiled the material, which was subsequently reloaded onto trucks for offsite disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ.
 - o Remaining non-hazardous soil/fill from WCG COMP J2 was left stockpiled in WCG COMP J for future offsite disposal.
- ECD used a Hitachi ZX135US excavator to excavate two areas of about 16 feet long by 5 feet wide by 3 feet deep (corresponding to 16 feet bfsg) in WCGs COMP C and COMP K to install lagging. Non-hazardous soil/fill was stockpiled adjacent to the excavation and replaced when work was completed.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically along a pile cap and the wall in WCG COMP H in the northeastern part of site.

Material Tracking

• No material was imported to the site.

Import Summary						
	2"– 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone	
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.	
	Lafayette, NJ		Franklin, NJ		Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	9	221.94	15	364.88	0	0
DEC Approved Amount	480 Tons*		480 Tons*		480 Tons*	

^{*}Tonnage converted from approved volumes based on an assumption of 1 cubic yard (CY) = 1.5 tons (sand) and 1 CY = 1.6 tons (stone).

- ECD exported 7 loads (140 CY) of hazardous and non-hazardous soil from the following WCGs.
 - o COMP J2 (5-10)' and COMP K (10-15)': 6 loads (120 CY) to MCUA.
 - o COMP J2 (5-10)' and COMP F (6-12)': 1 load (20 CY) to Bayshore.

Soil/Fill Export Summary						
Facility	Exported	Total				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	53			
Hazardous Soil/Fill	Quantity (CY)	0	1,020			
Bayshore Soil Management	No. Loads	1	215			
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	20	4,300			
Middlesex County Utilities Authority Landfill	No. Loads	6	867			
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	120	17,340			
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96			
	Quantity (CY)	0	1,920			

Langan PN: 170362702 Date: Wednesday, November 30, 2022

Samples collected

Langan collected 3 confirmation end-point samples from the base of soil excavation in WCGs COMP
J, COMP F, and COMP K (about 12 feet bfsg). Samples EP11_4.25, EP26_4.25, and EP27_4.25
were submitted for analysis to York Analytical Laboratories of Stratford, Connecticut for Part 375
VOCs, SVOCs, Metals, PCBs, PFAS (EPA 1633), 1,4-dioxane, Hexavalent Chromium, Cyanide, and
Pesticides/Herbicides.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 μm in diameter (PM10) and VOCs. Particulate and VOC concentrations did not exceed the action levels established in the site CAMP. Fugitive dust or odors associated with intrusive activities were not observed.
 - o CAMP was suspended at 9:41 AM due to inclement weather which spanned the rest of the work day. No dust or odor associated with ground intrusive activity was observed.

Anticipated Activities.

- ECD will export hazardous and non-hazardous soil.
- ECD will continue excavating in the northern, eastern and central parts of the site.
- ECD will continue installing pile caps.

Langan PN: 170362702 Date: Wednesday, November 30, 2022

SITE PHOTOGRAPHS:



Photo 1: ECD live-loading non-hazardous soil/fill from WCG COMP J and K (facing west).

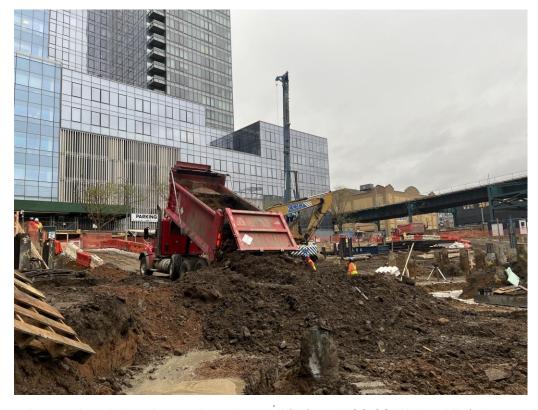


Photo 2: Returned truck dumping non-hazardous soil/fill from WCG COMP J and K (facing southwest).



Photo 3: ECD reloading the stockpile into trucks for disposal at MCUA (facing north).



Photo 4: Excavation of the soil/mix wall (facing east).



SITE OBSERVATION REPORT - RAWP Day 156

