

LANGAN SITE OBSERVATION REPORT – RAWP Day 225

PROJECT No.: **CLIENT:** DATE: 170362702 Wednesday, March 1, 2023

Partly Cloudy; 32 – 44°F, PROJECT: WEATHER: 23-15 44th Road

Wind: SSE 0.7 – 5.5 mph LOCATION: CP VIII LIC Owner, Long Island City, New York TIME: 6:45 a.m. - 2:30 p.m.

LLC **BCP SITE ID:** C241189 MONITOR: Liz McConnell

EQUIPMENT: PRESENT AT SITE:

1 CAT 355F Excavator Langan: Liz McConnell, Jared Rogovin 1 CAT 313GC Excavator East Coast Drilling (ECD): Mike Brosnan

1 Hitachi 135US 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 installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally for pile caps in waste characterization grid (WCG) COMP F in the central part of the site.
- ECD installed formwork in WCGs COMP A, I and F in the southeastern and central parts of the site.
- ECD poured concrete for mat slab and pile caps in WCG COMP B, F, J and I.
- ECD used a CAT313GC excavator to backfill a 40-foot-long by 10-foot-wide utility trench in WCGs COMP J and I, in the central part of the site, with previously imported 0.75-inch quarry stone.
- ECD used a CAT313GC excavator to excavate around support of excavation (SOE) soldier piles to surrounding grade in WCGs COMP J and F. The top portions of the steel beams remaining above grade were cut with an acetylene torch and stockpiled in the area for future disposal off-site.
- ECD used a CAT313GC excavator to grade an area about 40 feet long by 15 feet wide in WCGs COMP E, F and J. No excess material was generated from this activity.

Material Tracking

• No material was imported to the site.

Import Summary								
	2"- 4" Tracking 2"- 4" Tracking 2"- 4" Tracking Pad Stone Pad Stone		•	ASTM	#57 Stone			
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafa	yette, NJ	Franklin, NJ Haledon, NJ Wharton, NJ		Haledon, NJ		rton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	20	490.34	12	302.46	46	1,140.13
DEC Approved Amount	480	0 Tons*	96	0 Tons*	480	Tons*	1,600	0 Tons*

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafayette, NJ		Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0	0	0	0 0		24.3	
DEC Approved Amount	1,60	00 Tons*	1,600 Tons*		1,600 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 E	xport Summary		
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	54
Hazardous Soil/Fill	Quantity (CY)	0	1,080
Bayshore Soil Management	No. Loads	0	287
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740
Middlesex County Utilities Authority Landfill	No. Loads	0	1,255
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	25,100
Clean Earth of North Jersey	No. Loads	0	96
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920
P Park NJ LLC	No. Loads	0	43
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860

Samples Collected

• None.

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 except for the instance noted below. Fugitive dust or odors associated with intrusive activities were not observed.
 - o Particulate concentrations exceeded action levels between 12:58pm and 1:11pm due to housekeeping activities adjacent to the station. Activities were stopped and concentrations returned below action levels.

Anticipated Activities.

- ECD will continue excavating across the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:



Photo 1: ECD backfilling with 0.75-inch stone for a utility trench in the southern part of the site (WCG J, facing northeast).



Photo 2: ECD grading in the central part of the site (WCG E, facing southwest).

SITE PHOTOGRAPHS CONTINUED:

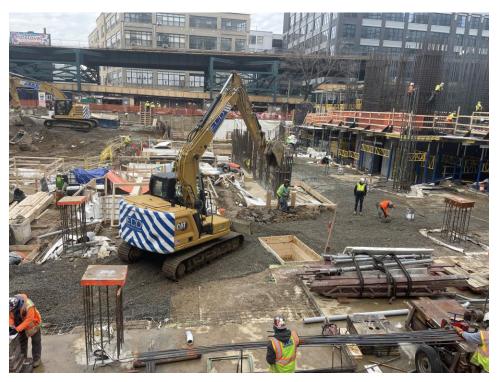


Photo 3: ECD excavating around SOE soldier piles in the central part of the site (WCG J, facing northeast).

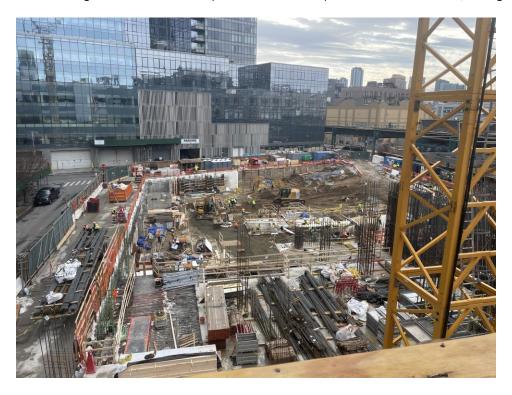
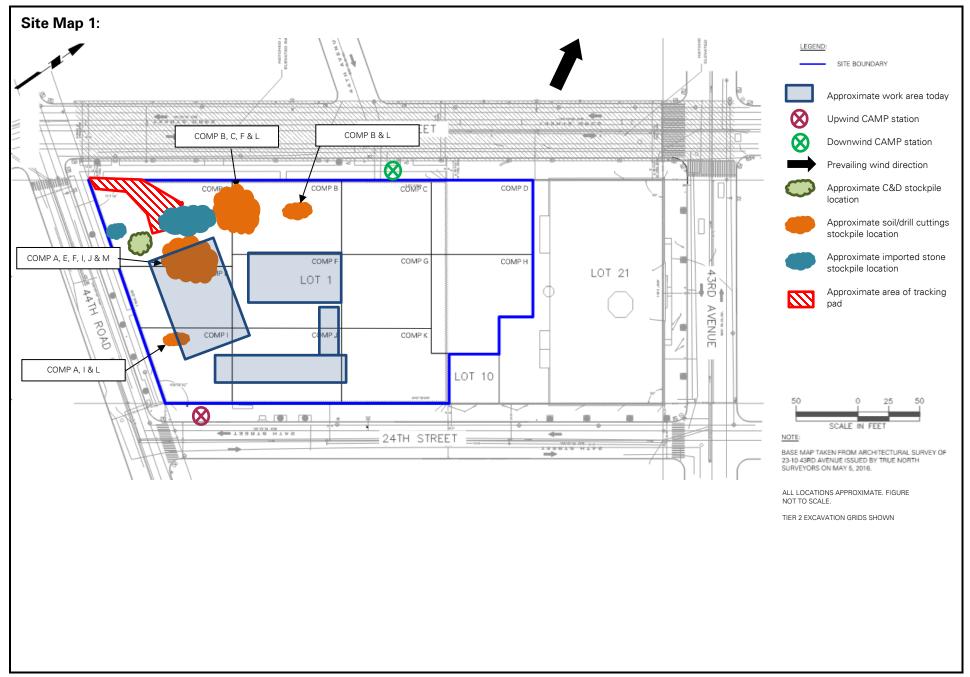
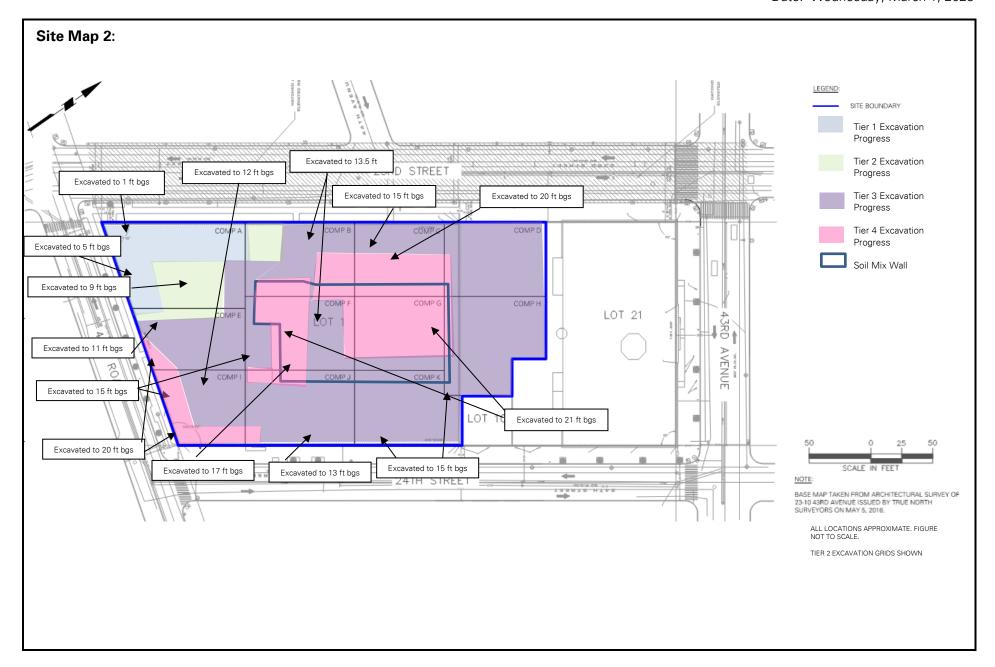


Photo 4: General view of site from above (facing southwest).



SITE OBSERVATION REPORT - RAWP Day 225









LANGAN SITE OBSERVATION REPORT – RAWP Day 226

PRESENT AT SITE:

PROJECT No.: **CLIENT:** DATE: 170362702 Thursday, March 2, 2023

Rain/Partly Cloudy; 45 – 53°F, WEATHER: PROJECT: 23-15 44th Road

Wind: NW 3.5 – 6.1 mph CP VIII LIC Owner, LOCATION: Long Island City, New York TIME: 6:45 a.m. - 6:15 p.m.

LLC MONITOR: **BCP SITE ID:** C241189 Caroline Devin

EQUIPMENT:

1 CAT 355F Excavator Langan: Caroline Devin, Jared Rogovin 1 CAT 313GC Excavator East Coast Drilling (ECD): Mike Brosnan

1 Hitachi 135US 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 installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally for pile caps and foundation slab in waste characterization grids (WCG) COMP B, F, and J in the central and southeastern parts of the site.
- ECD installed formwork in WCGs COMP I and F in the southeastern and central parts of the site.
- ECD poured concrete for foundation slab and pile caps in WCGs COMP B and F.
- ECD used a CAT313GC excavator to excavate an area about 25 feet long by 16 feet wide by 1 foot deep (corresponding to a depth of 11 feet below former site grade [bfsg]) in WCGs COMP A and E. Excavated material was added to the existing stockpile/site ramp in WCGs COMP A and E.
- ECD used a CAT355F excavator to excavate three areas in WCGs COMP B, E, F, I and J for pile cap and utility installation. About 3 cubic yards (CY) of excavated material was temporarily stockpiled immediately adjacent to each area to be replaced upon completion of work.
- ECD used a CAT313GC excavator to grade an area about 55 feet long by 20 feet wide in WCGs COMP A and E. Excess material generated was added to the existing stockpile in WCG COMPs A and E.

Material Tracking

• No material was imported to the site.

Import Summary								
	2"- 4" Tracking 2"- 4" Tracking 2"- 4" Tracking Pad Stone Pad Stone		•	ASTM	#57 Stone			
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafa	yette, NJ	Franklin, NJ Haledon, NJ Wharton, NJ		Haledon, NJ		rton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	20	490.34	12	302.46	46	1,140.13
DEC Approved Amount	480	0 Tons*	96	0 Tons*	480	Tons*	1,600	0 Tons*

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 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	0	0	0 0		1	24.3	
DEC Approved Amount	1,60	00 Tons*	1,600 Tons*		1,600 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	54				
Hazardous Soil/Fill	Quantity (CY)	0	1,080				
Bayshore Soil Management	No. Loads	0	287				
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740				
Middlesex County Utilities Authority Landfill	No. Loads	0	1,255				
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	25,100				
Clean Earth of North Jersey	No. Loads	0	96				
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920				
P Park NJ LLC	No. Loads	0	43				
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860				

Samples Collected

- Langan collected one documentation end-point sample from the base of soil excavation in WCG COMP F (about 18 feet bfsg). Sample EP10_-1.9 was submitted for analysis to York Analytical Laboratories (York) of Stratford, Connecticut for PFAS (EPA 1633).
- Langan collected one confirmation end-point sample from the base of soil excavation in WCG COMP B (about 12 feet bfsg). Sample EP03_4 was submitted for analysis to York for Part 375 VOCs, SVOCs, Metals, PCBs, PFAS (EPA 1633), 1,4-dioxane, Hexavalent Chromium, Cyanide, and Pesticides/Herbicides.
- Langan collected one confirmation sample in WCG COMP A (about 11 feet bfsg). Sample EP09_5 was submitted for analysis to York for Hexavalent Chromium and Cyanide.

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 across the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:

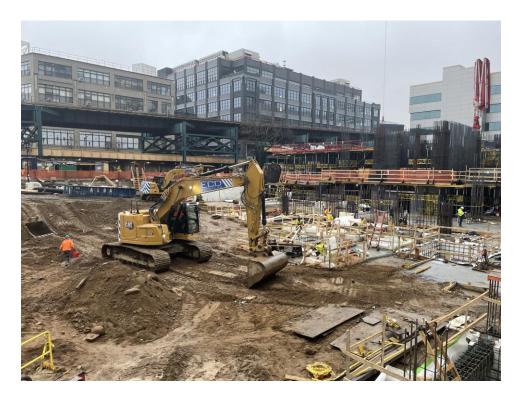


Photo 1: ECD grading in the central part of the site (WCG E, facing northwest).



Photo 2: ECD excavating in the central part of the site (WCG F/E, facing east).

SITE PHOTOGRAPHS CONTINUED:

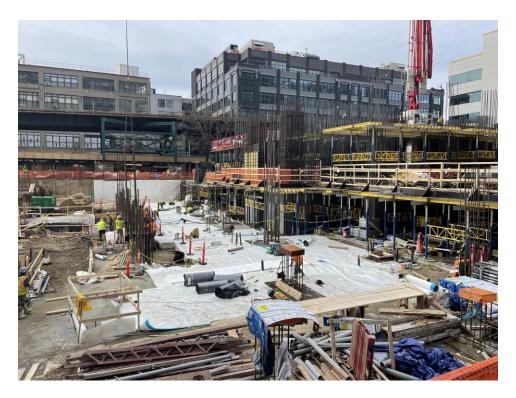


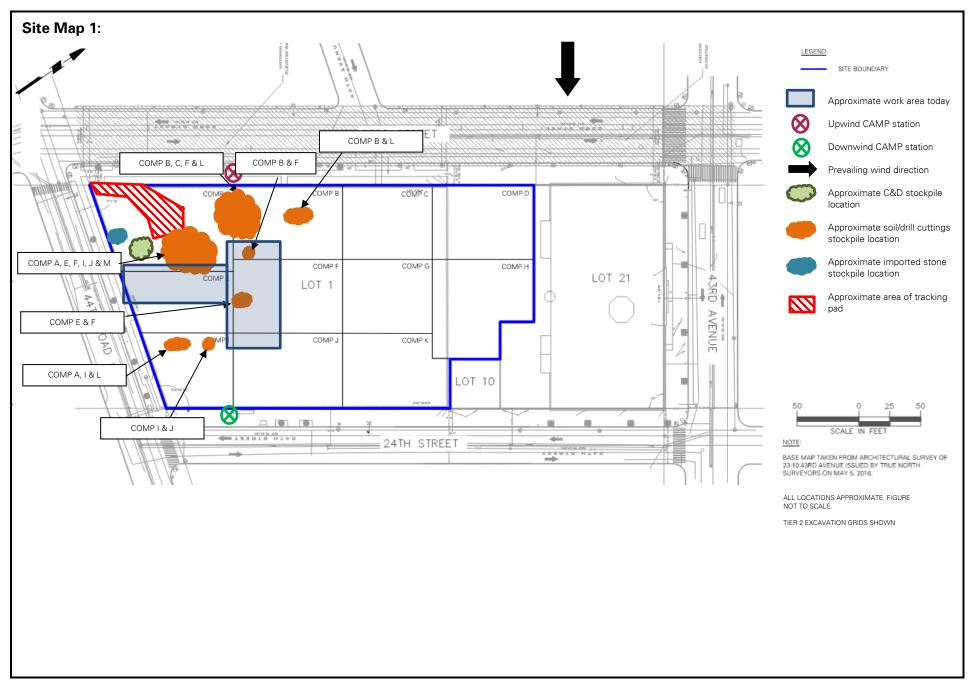
Photo 3: ECD installing waterproofing for foundation in the central part of the site (WCG B, J and F facing northwest).

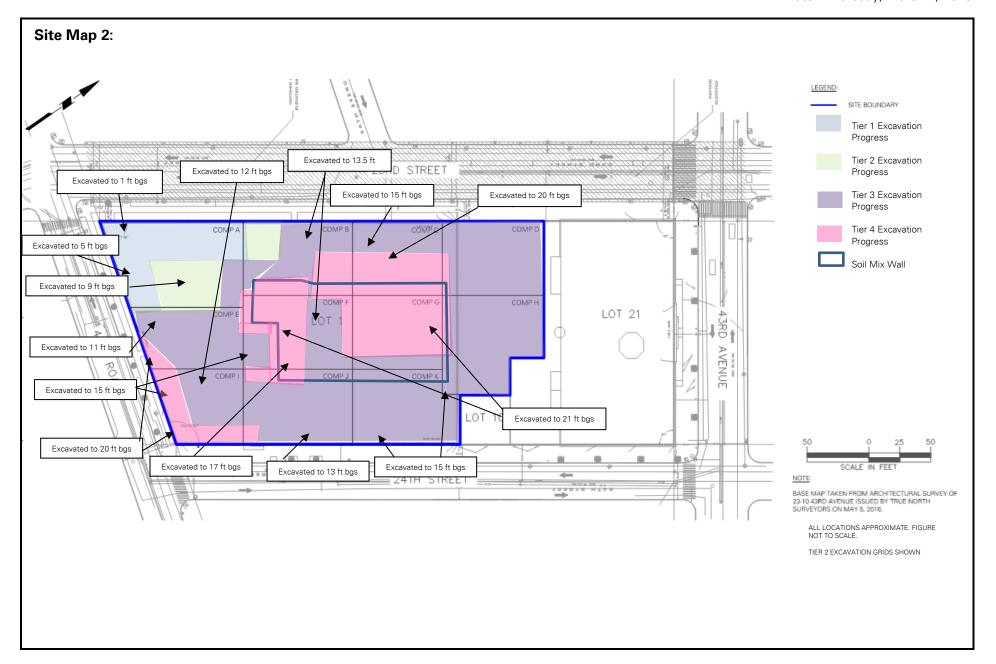


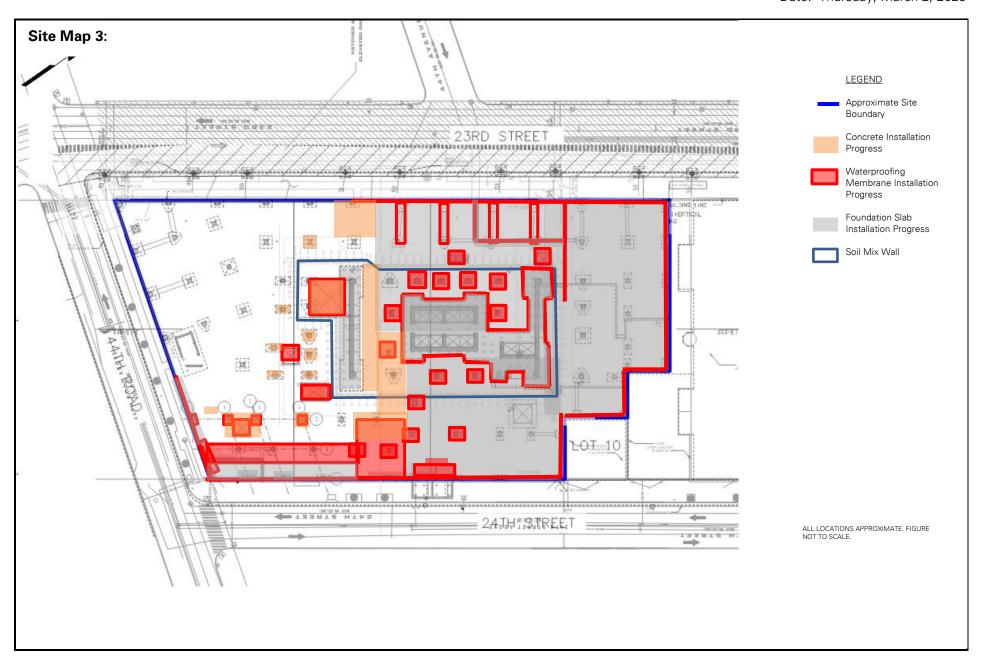
Photo 4: ECD pouring concrete for foundation elements in the central part of the site (facing east).



SITE OBSERVATION REPORT - RAWP Day 226







LANGAN SITE OBSERVATION REPORT – RAWP Day 227

PROJECT No.: CLIENT: DATE: 170362702 Friday, March 3, 2023

Partly Cloudy; 38 – 48°F, PROJECT: WEATHER: 23-15 44th Road

Wind: NE 0.8 – 5.6 mph LOCATION: CP VIII LIC Owner, Long Island City, New York TIME: 6:45 a.m. - 6:30 p.m.

LLC **BCP SITE ID:** C241189 **MONITOR:** Caroline Devin

EQUIPMENT: PRESENT AT SITE:

1 CAT 355F Excavator Langan: Caroline Devin, Tyler Pollock 1 CAT 313GC Excavator East Coast Drilling (ECD): Mike Brosnan

1 Hitachi 135US 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 installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally for pile caps and foundation slab in waste characterization grids (WCG) COMP B, E, F, I and J in the central and southern parts of the site.
- ECD imported 4 truckloads of ASTM #57 stone from Mt. Hope Quarry Tilcon New York Inc. in Wharton, New Jersey. Imported material was stockpiled in WCGs COMP A and E and used to backfill around pile caps in WCGs COMP E, F and J.
- ECD used a CAT 355F excavator to load trucks with the previously stockpiled soil/fill in WCG COMP A and E for offsite disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP A, B, C, E, E2, F, I, L and M.
- ECD installed formwork in WCGs COMP B and F in the central part of the site.
- ECD used a CAT313GC excavator to excavate an area about 12 feet long by 1.5 feet wide by 1 foot deep (corresponding to a depth of 14 feet below former site grade [bfsg]) for a utility trench in WCGs COMP I and J. Excavated material was added to the existing stockpile/site ramp in WCGs COMP A and E.
- ECD used a CAT313GC excavator to excavate an area about 20 feet long by 3 feet wide by 3 feet deep (corresponding to a depth of 14 feet bfsg) for a utility trench in WCGs COMP B and E. Excavated material was added to the existing stockpile/site ramp in WCGs COMP A and E.
- ECD used a CAT313GC excavator to backfill two areas about 12 feet long by 6 feet wide in WCGs COMP E, F and I with previously imported 0.75-inch quarry stone.
- ECD used a CAT355F excavator to consolidate all stockpiles on site, except the stockpile in WCG COMP I (containing material from WCGs COMP A, I and L), to the existing stockpile/site ramp in WCGs COMP A and E.

Material Tracking

• ECD imported 4 truckloads (approximately 98.67 tons) of ASTM #57 stone from Tilcon Mount Hope Quarry in Wharton, New Jersey.

			Impor	t Summary				
	2"– 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone		ASTM #57 Stone	
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafa	yette, NJ	Fra	nklin, NJ	Hale	don, NJ	IJ Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	4	98.67
Total	9	221.94	20	490.34	12	302.46	50	1,238.8
DEC Approved Amount	480	0 Tons*	96	0 Tons*	480	Tons*	1,600 Tons*	

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 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	0	0	0 0		1	24.3	
DEC Approved Amount	1,60	00 Tons*	1,600 Tons*		1,600 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 non-hazardous soil/fill to MCUA from the following waste characterization grids:

COMP A (5-10)', COMP A (10-15)', COMP B (12-15)', COMP C (12-15)', COMP E (10-15)',
 COMP E2 (5-10)', COMP F (12-15)', COMP I (10-15)', COMP L (15-27)' and COMP M (15-21)'.

Soil/Fill E	xport Summary		
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	54
Hazardous Soil/Fill	Quantity (CY)	0	1,080
Bayshore Soil Management	No. Loads	0	287
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740
Middlesex County Utilities Authority Landfill	No. Loads	10	1,265
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	200	25,300
Clean Earth of North Jersey	No. Loads	0	96
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920
P Park NJ LLC	No. Loads	0	43
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860

Samples Collected

None.

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 across the southern part of the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating in the southeastern part of the site (WCG J/I, facing north).

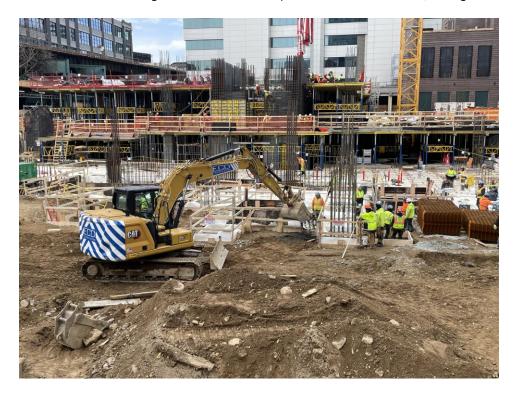


Photo 2: ECD backfilling with 0.75-inch imported stone in the central part of the site (WCG F/E, facing north).

SITE PHOTOGRAPHS CONTINUED:

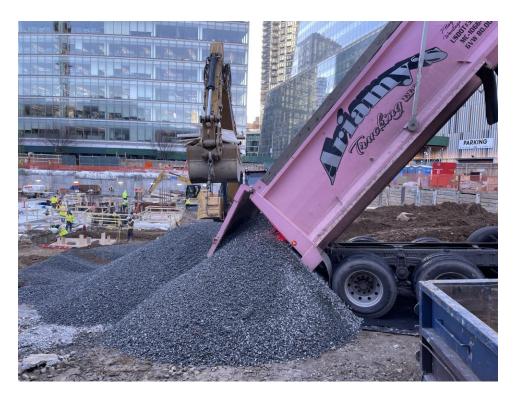


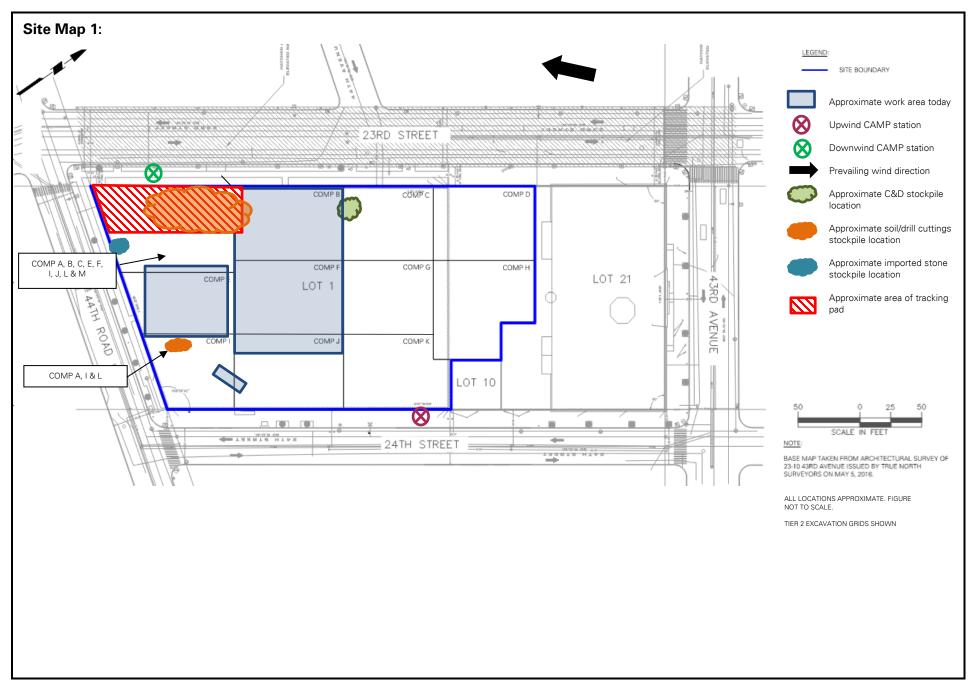
Photo 3: ECD importing 0.75-inch quarry stone in the southwestern part of the site (WCG A/E, facing east).

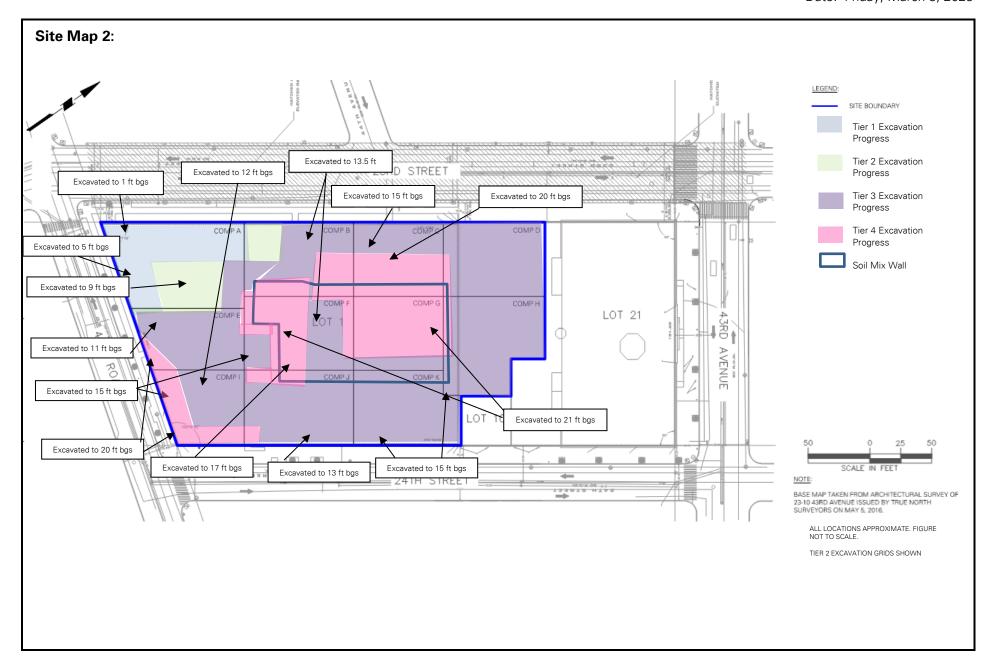


Photo 4: ECD securing a truck cover for off-site disposal (facing southeast).



SITE OBSERVATION REPORT - RAWP Day 227







LANGAN SITE OBSERVATION REPORT – RAWP Day 230

PROJECT No.: **CLIENT:** DATE: 170362702 Tuesday, March 7, 2023

Snow/Sunny; 33 – 46°F, PROJECT: WEATHER: 23-15 44th Road Wind: NW 2.4 – 10.9 mph

LOCATION: CP VIII LIC Owner, Long Island City, New York TIME: 6:45 a.m. - 3:45 p.m.

LLC **BCP SITE ID:** C241189 MONITOR: Caroline Devin

EQUIPMENT:

1 CAT 355F Excavator 1 CAT 313GC Excavator

1 Hitachi 135US Excavator

PRESENT AT SITE:

Langan: Caroline Devin, Jared Rogovin East Coast Drilling (ECD): Mike Brosnan

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 poured concrete for mat slab and pile caps in waste characterization grids (WCG) COMP A, E and I in the central and southern parts of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally for pile caps and foundation slab in WCGs COMP A, E and I in the western and southern parts of the site.
- ECD used a CAT355F excavator to excavate the following areas in WCGs COMP A, E and I. Excavated material was either added to the stockpile in WCGs COMP A and E or stockpiled adjacent to the area to be replaced upon completion of work.
 - o An area about 7 feet long by 6 feet wide by 3 feet deep (corresponding to a depth of 15 feet below former site grade [bfsg]).
 - o An area about 8 feet long by 7 feet wide by 3 feet deep (corresponding to a depth of 15 feet
 - o An area about 32 feet long by 20 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsa).
 - o An area about 13 feet long by 4 feet wide by 4 feet deep (corresponding to a depth of 16 feet bfsg).
 - o An area about 12 feet long by 4 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg).
- ECD used a CAT313GC excavator to excavate two areas about 15 feet long by 2.5 feet wide by 2 feet deep (corresponding to a depth of 13 feet bfsg) in WCGs COMP A, E and I. About 3 cubic yards of excavated material was stockpiled adjacent to each area to be replaced upon completion of work. The remainder of excavated material was added to the existing stockpile/site ramp in WCGs COMP A and E.
- ECD used a CAT355F excavator to load trucks with the previously stockpiled soil/fill in WCG COMP A and E for off-site disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP A, B, C, E, F, I, J, L and M.

Material Tracking

• No material was imported to the site.

			Impor	t Summary				
	2″– 4″ Tracking Pad Stone		2″– 4″ Tracking Pad Stone		2″– 4″ Tracking Pad Stone		ASTM #57 Stone	
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafa	yette, NJ	Fra	nklin, NJ	Hale	don, NJ	J Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	20	490.34	12	302.46	0	1,238.8
DEC Approved Amount	480	0 Tons*	96	0 Tons*	480	Tons*	1,600	0 Tons*

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 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	0	0	0 0		1	24.3	
DEC Approved Amount	1,60	00 Tons*	1,600 Tons*		1,600 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 15 loads (300 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:

COMP A (10-15)', COMP B (12-15)', COMP C (12-15)', COMP E (10-15)', COMP F (12-15)',
 COMP I (10-15)', COMP J (12-15)', COMP L (15-27)' and COMP M (15-21)'.

Soil/Fill Export Summary							
Facility	Exported	Today	Total				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	54				
Hazardous Soil/Fill	Quantity (CY)	0	1,080				
Bayshore Soil Management	No. Loads	0	287				
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740				
Middlesex County Utilities Authority Landfill	No. Loads	15	1,280				
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	300	25,600				
Clean Earth of North Jersey	No. Loads	0	96				
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920				
P Park NJ LLC	No. Loads	0	43				
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860				

Samples Collected

• None.

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 across the southern part of the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:



Photo 1: ECD loading trucks for offsite disposal in the southwestern part of the site (facing northwest).



Photo 2: ECD excavating for a utility trench in the western part of the site (WCG I, facing west).

SITE PHOTOGRAPHS CONTINUED:



Photo 3: ECD securing a truck cover for offsite disposal (facing southeast).

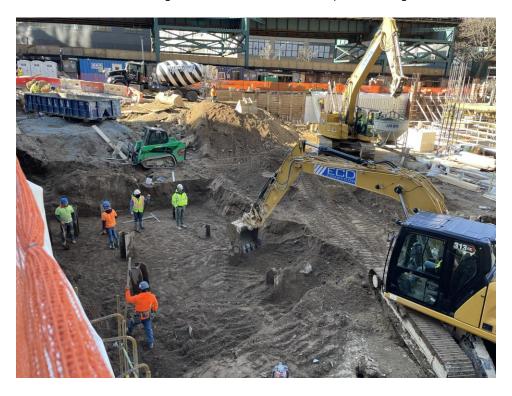
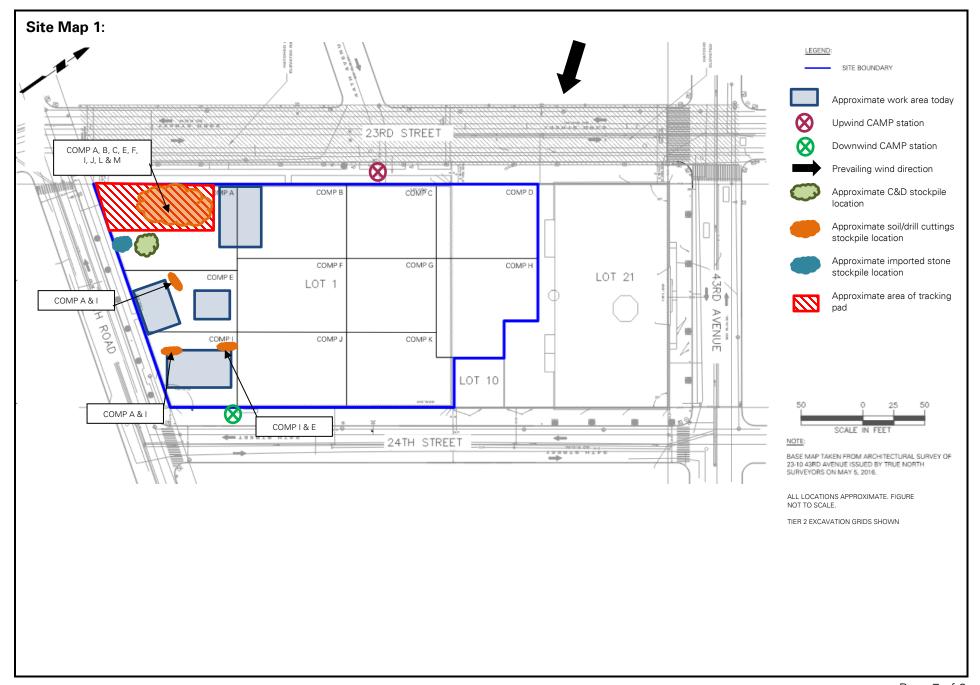
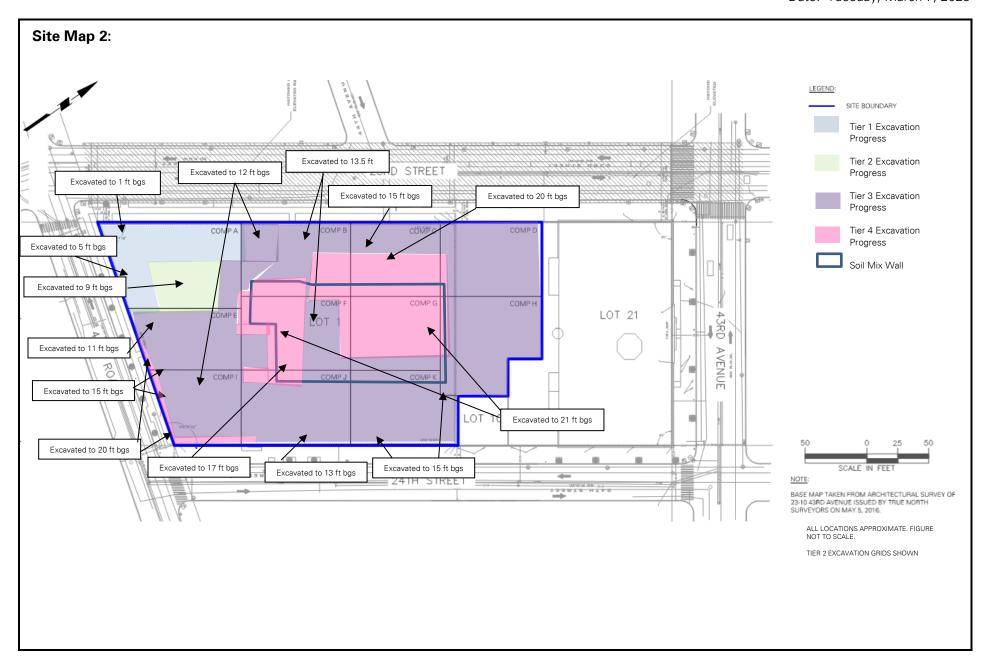


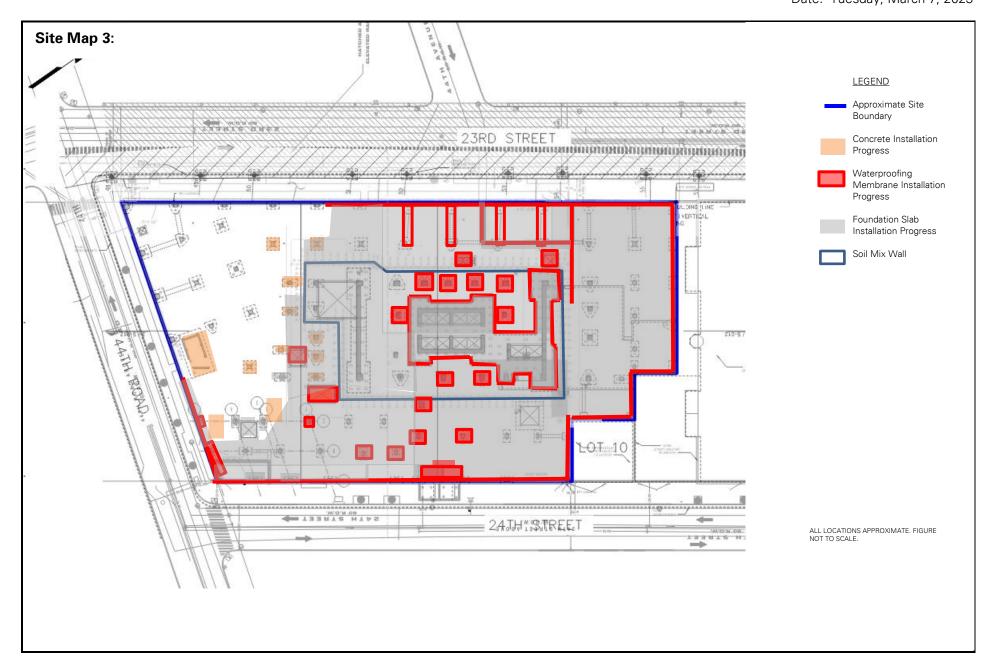
Photo 4: ECD excavating in the southern part of the site (WCG A, facing west).



SITE OBSERVATION REPORT - RAWP Day 230







LANGAN SITE OBSERVATION REPORT – RAWP Day 231

PROJECT No.: CLIENT: DATE: 170362702 Wednesday, March 8, 2023

Sunny; 32 – 47°F, WEATHER: PROJECT: 23-15 44th Road

Wind: NW 4.6 – 9.3 mph CP VIII LIC Owner, LOCATION: Long Island City, New York TIME: 6:45 a.m. - 6:15 p.m.

LLC MONITOR: Caroline Devin **BCP SITE ID:** C241189

EQUIPMENT: PRESENT AT SITE:

1 CAT 355F Excavator Langan: Caroline Devin, Jared Rogovin 1 CAT 313GC Excavator East Coast Drilling (ECD): Mike Brosnan

1 Hitachi 135US 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 poured concrete for mat slab in waste characterization grids (WCG) COMP A, E and I in the southeastern part of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically and horizontally for foundation walls, pile caps and foundation slab in WCGs COMP A, B, E and I in the western and southern parts of the site.
- ECD used a CAT355F excavator to load trucks with the previously stockpiled soil/fill in WCG COMP A and E for off-site disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP A, B, C, E, F, I, J, L and M.
- ECD used a CAT355F and CAT313GC excavator to excavate the following areas in WCGs COMP A and E. Excavated material was added to the stockpile in WCGs COMP A and E.
 - o An area about 12 feet long by 12 feet wide by 3 feet deep (corresponding to a depth of 15 feet below former site grade [bfsg]).
 - o An area about 10 feet long by 8 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg).
 - o An area about 6 feet long by 6 feet wide by 1.5 feet deep (corresponding to a depth of 13.5 feet bfsg).
- ECD used a CAT313GC excavator to excavate an area about 15 feet long by 6 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg) in WCGs COMP A, B and E for a utility trench. Excavated material was temporarily stockpiled adjacent to the area to be replaced upon completion of work.
- ECD used a CAT313GC excavator to excavate an area about 40 feet long by 2.5 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg) in WCGs COMP A, E and I for a utility trench. Excavated material was temporarily stockpiled adjacent to the area and replaced upon completion of work.

•	ECD used a CAT313GC excavator to replace previously-excavated soil from two utility trenches which had been stockpiled adjacent to the trenches in WCGs COMP A, E and I in the southeastern
	part of the site.

Material Tracking

• No material was imported to the site.

	Import Summary								
Facility/Material	2″– 4″ Tracking Pad Stone		2″– 4″ Tracking Pad Stone		2″– 4″ Tracking Pad Stone		ASTM #57 Stone		
	Braen	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafa	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	0	0	
Total	9	221.94	20	490.34	12	302.46	0	1,238.8	
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*		

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafayette, NJ		Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0 0		0	0	1	24.3	
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 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 14 loads (280 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:

COMP A (5-10)', COMP A (10-15)', COMP B (12-15)', COMP C (12-15)', COMP E (10-15)',
 COMP F (12-15)', COMP I (10-15)', COMP J (12-15)', COMP L (15-27)' and COMP M (15-21)'.

Soil/Fill E	xport Summary		
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	54
Hazardous Soil/Fill	Quantity (CY)	0	1,080
Bayshore Soil Management	No. Loads	0	287
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740
Middlesex County Utilities Authority Landfill	No. Loads	14	1,294
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	280	25,880
Clean Earth of North Jersey	No. Loads	0	96
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920
P Park NJ LLC	No. Loads	0	43
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860

Samples Collected

None.

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 across the southern part of the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:



Photo 1: ECD loading trucks for offsite disposal in the southwestern part of the site (facing north).



Photo 2: ECD installing waterproofing in the southern part of the site (WCG A, facing east).

SITE PHOTOGRAPHS CONTINUED:



Photo 3: ECD securing a truck cover for offsite disposal (facing southwest).

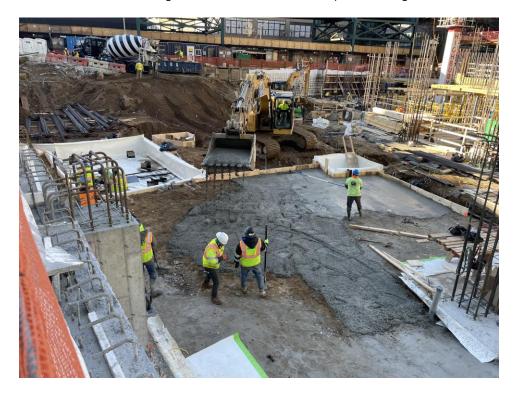
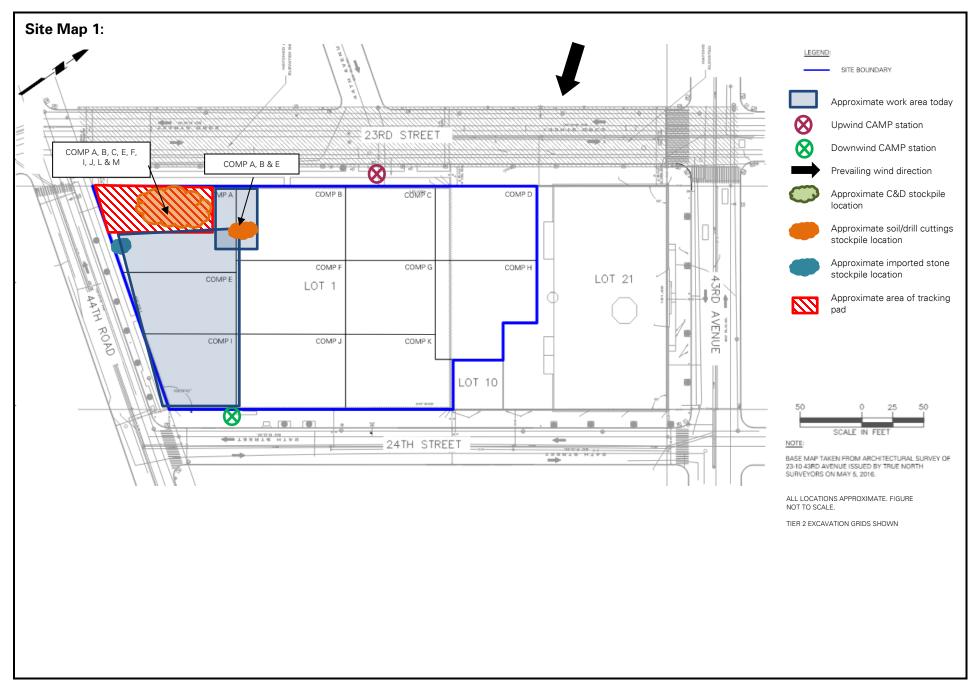
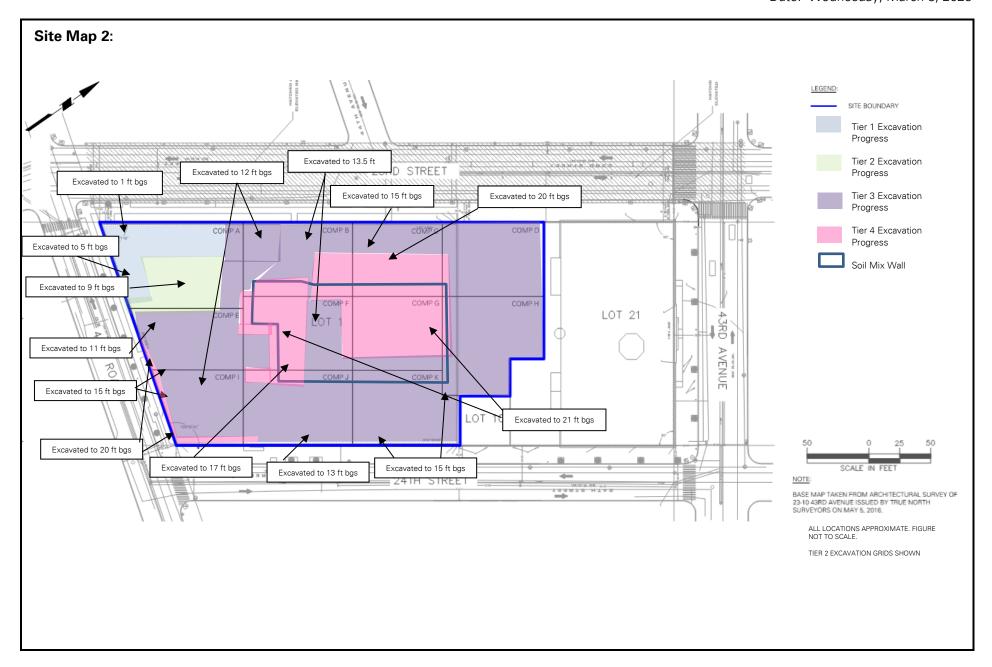


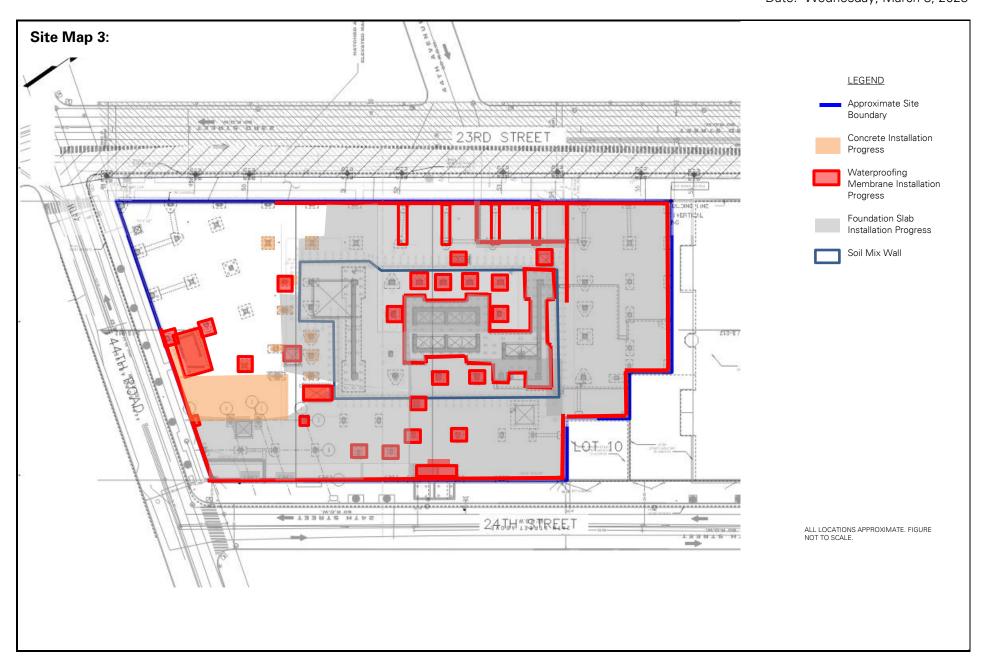
Photo 4: ECD pouring concrete for mat slab in the southern part of the site (WCG I, facing west).



SITE OBSERVATION REPORT - RAWP Day 231









LANGAN SITE OBSERVATION REPORT – RAWP Day 232

PROJECT No.: **CLIENT:** DATE: 170362702 Thursday, March 9, 2023

Sunny; 33 – 50°F, PROJECT: **WEATHER:** 23-15 44th Road

Wind: NNW 3.9 – 7.0 mph LOCATION: CP VIII LIC Owner, Long Island City, New York TIME: 6:45 a.m. - 4:45 p.m.

LLC **BCP SITE ID:** C241189 **MONITOR:** Caroline Devin

EQUIPMENT:

1 CAT 355F Excavator 1 CAT 313GC Excavator

1 Hitachi 135US Excavator

PRESENT AT SITE:

Langan: Caroline Devin, Jared Rogovin East Coast Drilling (ECD): Mike Brosnan

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 poured concrete for foundation walls in waste characterization grids (WCG) COMP B and C in the western part of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically and horizontally for foundation walls, pile caps and foundation slab in WCGs COMP A, B, E and I in the western and southern parts of the site.
- ECD used a CAT355F excavator to load trucks with the previously stockpiled soil/fill in WCG COMP A and E for off-site disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP A, B, C, E, F, I, and L.
- ECD used a CAT313GC excavator to excavate an area about 20 feet long by 3 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg) in WCGs COMP E for a utility trench. Excavated material was temporarily stockpiled adjacent to the area and replaced upon completion of work.

Material Tracking

• No material was imported to the site.

Import Summary									
Facility/Material	2″– 4″ Tracking Pad Stone		2″– 4″ Tracking Pad Stone		2″– 4″ Tracking Pad Stone		ASTM #57 Stone		
	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry		
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	0	0	
Total	9	221.94	20	490.34	12	302.46	50	1,238.8	
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*		

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafayette, NJ		Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0 0		0 0		1	24.3	
DEC Approved Amount	1,60	00 Tons*	1,600 Tons*		1,600 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 15 loads (300 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:

COMP A (5-10)', COMP A (10-15)', COMP B (12-15)', COMP C (12-15)', COMP E (10-15)',
 COMP F (12-15)', COMP I (10-15)', COMP L (15-27)'.

Soil/Fill E	Soil/Fill Export Summary								
Facility	Exported	Today	Total						
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	54						
Hazardous Soil/Fill	Quantity (CY)	0	1,080						
Bayshore Soil Management	No. Loads	0	287						
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740						
Middlesex County Utilities Authority Landfill	No. Loads	15	1,309						
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	300	26,180						
Clean Earth of North Jersey	No. Loads	0	96						
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920						
P Park NJ LLC	No. Loads	0	43						
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860						

Samples Collected

- Langan collected one confirmation sample in WCG COMP E (about 10 feet bfsg). Sample EP02_6 was submitted for analysis to York Analytical Laboratories (York) of Stratford, Connecticut for SVOCs and metals including hexavalent chromium and cyanide.
- Langan collected one QA/QC field blank sample. Sample FB03_030923 was submitted for analysis to York for Pesticides and 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 across the southern part of the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating a utility trench in the southwestern part of the site (facing south).



Photo 2: ECD loading trucks for offsite disposal in the southwestern part of the site (facing north).

SITE PHOTOGRAPHS CONTINUED:



Photo 3: ECD securing a truck cover for offsite disposal (facing north).

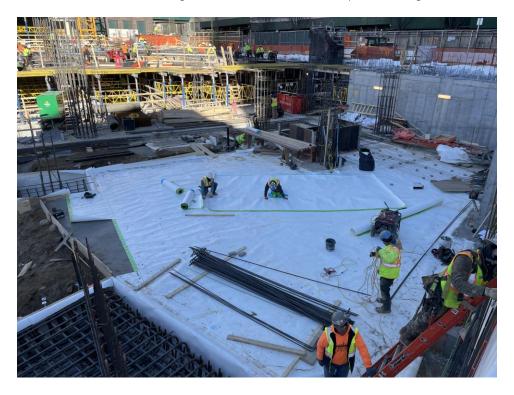
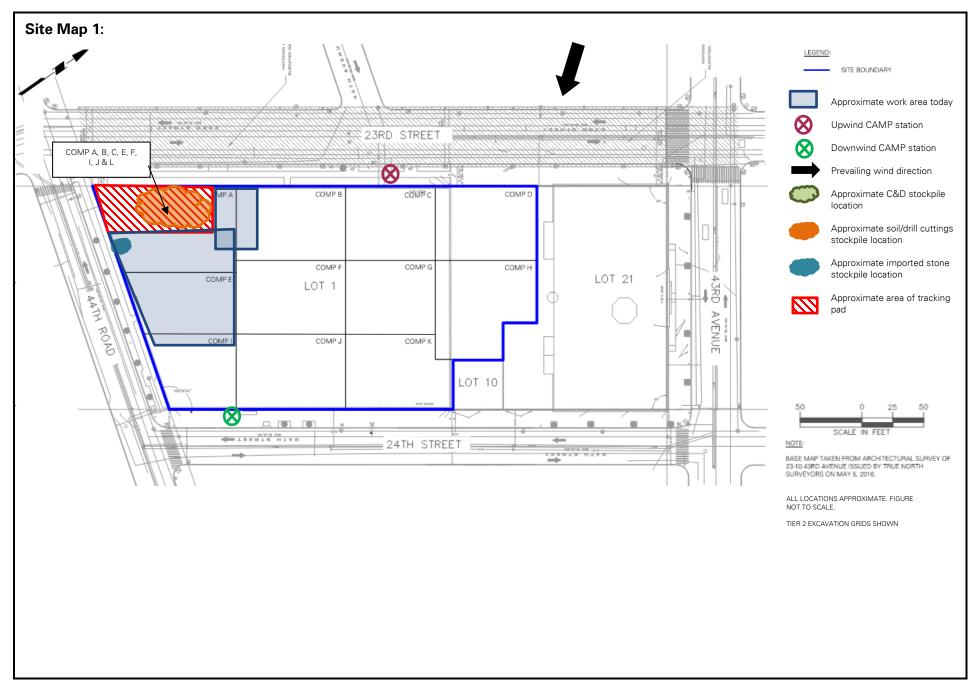
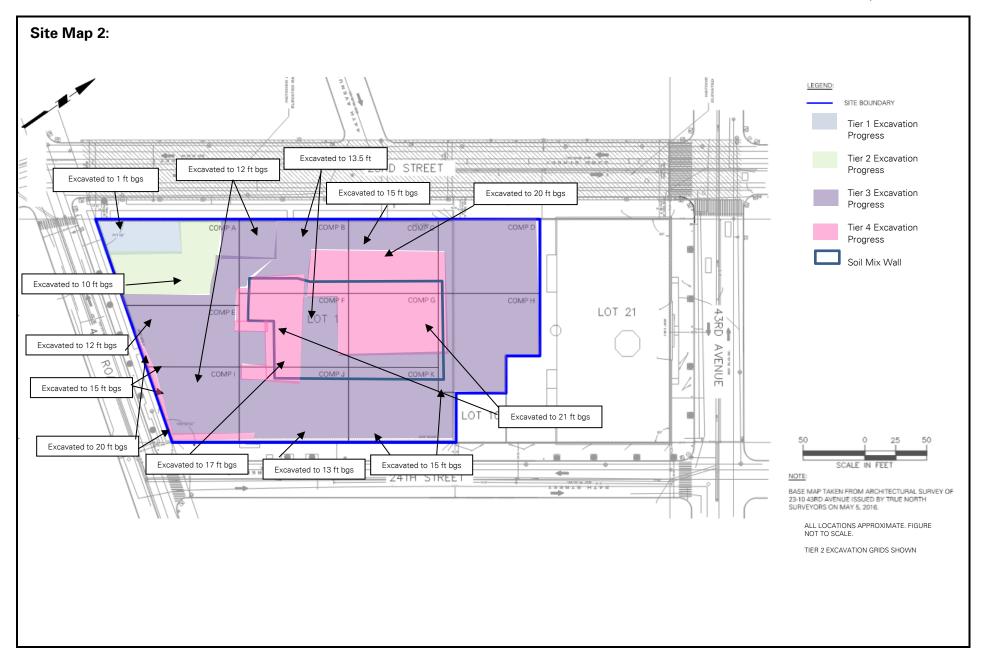


Photo 4: ECD installing waterproofing in the southern part of the site (WCG A, facing northeast).



SITE OBSERVATION REPORT - RAWP Day 232









LANGAN SITE OBSERVATION REPORT – RAWP Day 233

PROJECT No.: **CLIENT:** DATE: 170362702 Friday, March 10, 2023

Sunny; 38 – 46°F, PROJECT: **WEATHER:** 23-15 44th Road

Wind: SE 2.2 – 3.5 mph LOCATION: CP VIII LIC Owner, Long Island City, New York TIME: 6:45 a.m. - 4:45 p.m.

LLC **BCP SITE ID:** C241189 MONITOR: Jared Rogovin

EQUIPMENT: PRESENT AT SITE:

1 CAT 355F Excavator Langan: Jared Rogovin

1 CAT 313GC Excavator East Coast Drilling (ECD): Mike Brosnan

1 Hitachi 135US 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 installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically and horizontally for foundation walls, pile caps and foundation slab in WCGs COMP A, B, E and I in the western and southern parts of the site.
- ECD imported 5 truckloads of ASTM #57 stone from Mt. Hope Quarry Tilcon New York Inc. in Wharton, New Jersey. Imported material was stockpiled in WCGs COMP A and E and used to backfill around pile caps in WCGs COMP E, F and J.
- ECD used a CAT355F excavator to load trucks with the previously stockpiled soil/fill in WCG COMP A and E for off-site disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP A, B, C, E, F, I, and L.
- ECD used a CAT313GC excavator to backfill an area about 70 feet long by 30 feet wide in WCGs COMP A and E with previously imported 0.75-inch quarry stone.
- ECD used a CAT313GC excavator to excavate an area about 50 feet long by 38 feet wide by 2 feet deep (corresponding to a depth of 12 feet below former site grade [bfsg]) in WCGs COMP A and E. Excavated material was added to the existing stockpile/site ramp in WCG COMP A.

Material Tracking

• ECD imported 5 truckloads (approximately 123.94 tons) of ASTM #57 stone from Tilcon Mount Hope Quarry in Wharton, New Jersey.

Import Summary									
	2″– 4″ Tracking Pad Stone			2″– 4″ Tracking Pad Stone		2″– 4″ Tracking Pad Stone		ASTM #57 Stone	
Facility/Material	Braen	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafa	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	5	123.94	
Total	9	221.94	20	490.34	12	302.46	55	1,362.74	
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*		

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafayette, NJ		Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0 0		0	0	1	24.3	
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 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 33 loads (660 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:

COMP A (5-10)', COMP A (10-15)', COMP B (12-15)', COMP C (12-15)', COMP E (10-15)',
 COMP F (12-15)', COMP I (10-15)', COMP L (15-27)'.

Soil/Fill Ex	xport Summary		
Facility	Exported	Today	Total
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	54
Hazardous Soil/Fill	Quantity (CY)	0	1,080
Bayshore Soil Management	No. Loads	0	287
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740
Middlesex County Utilities Authority Landfill	No. Loads	33	1,342
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	660	26,840
Clean Earth of North Jersey	No. Loads	0	96
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920
P Park NJ LLC	No. Loads	0	43
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860

Samples Collected

• None.

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 across the southern part of the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:

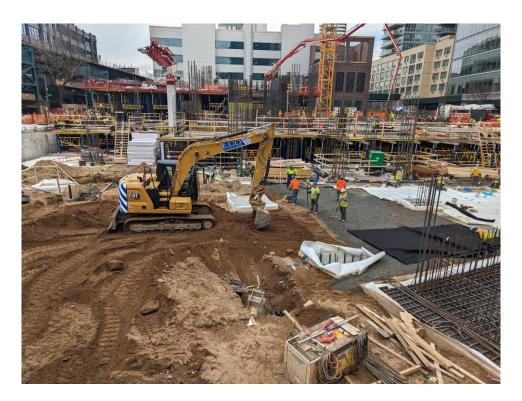


Photo 1: ECD excavating in the southwestern part of the site (facing north).



Photo 2: ECD installing waterproofing in the southern part of the site (WCG A/E, facing north).

SITE PHOTOGRAPHS CONTINUED:



Photo 3: Truck with a secure truck cover for offsite disposal (facing southwest).

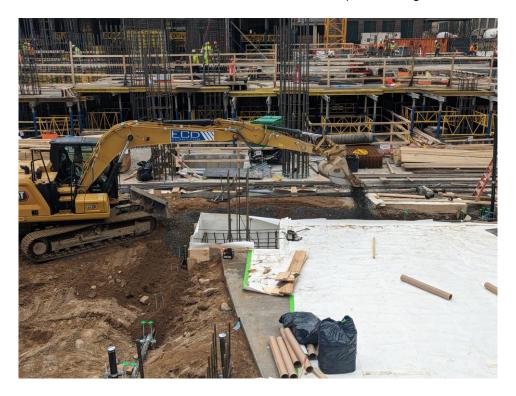
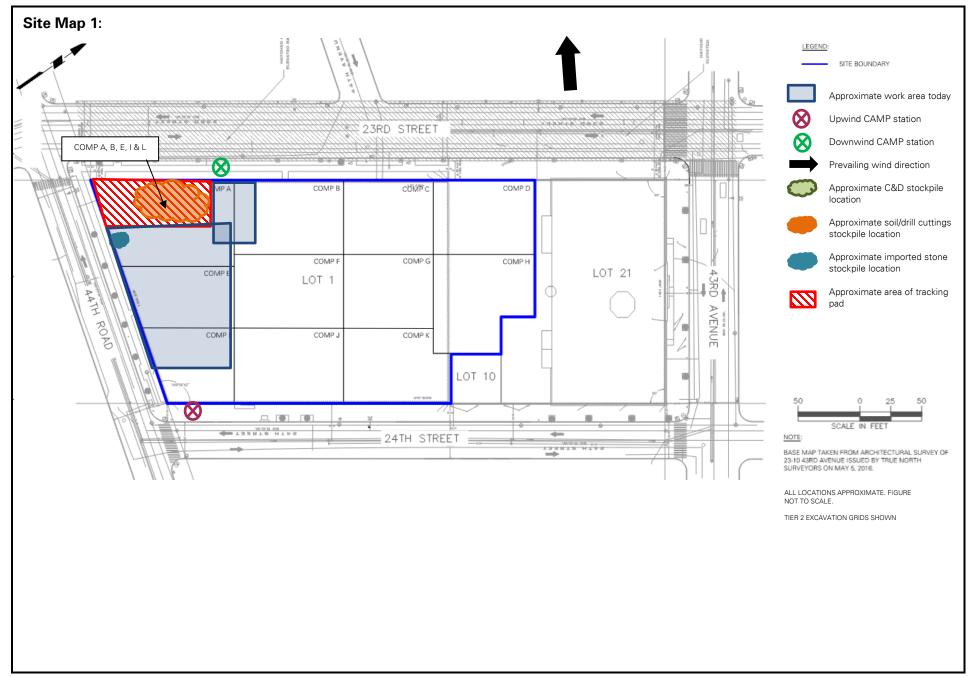
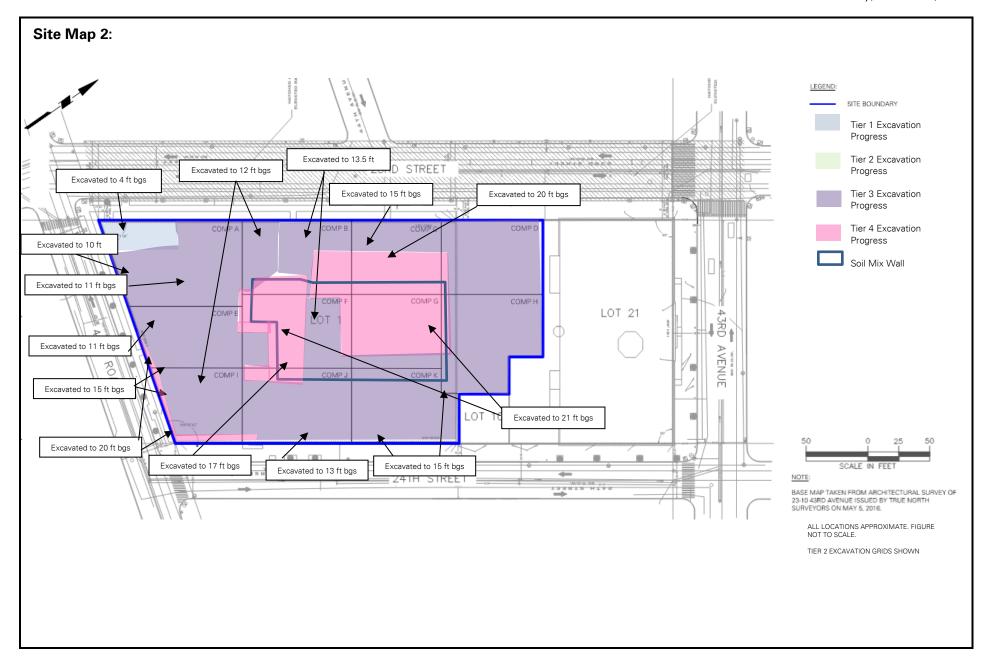


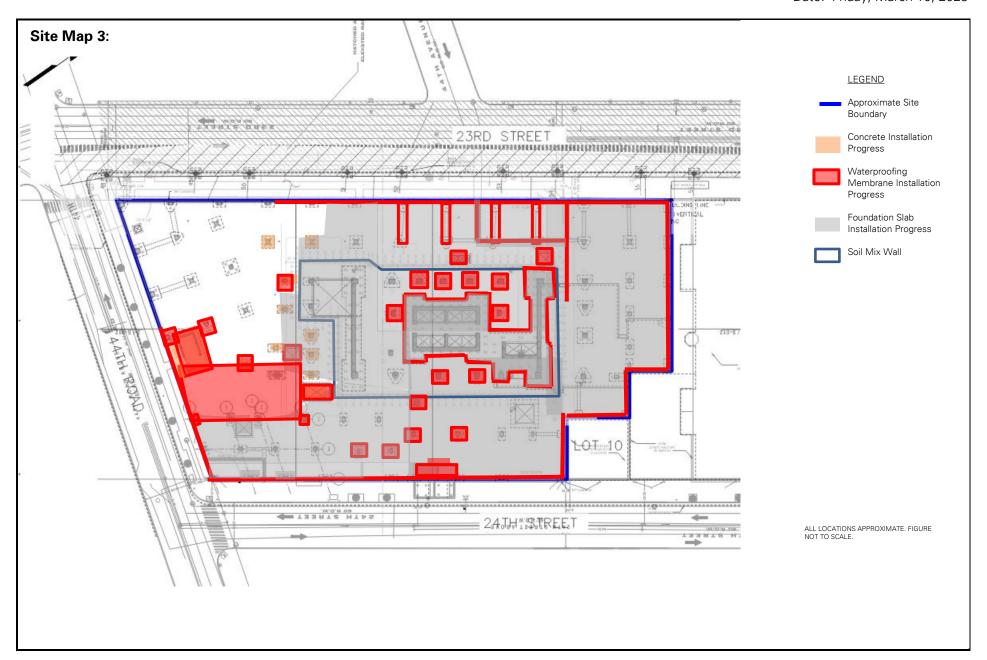
Photo 4: ECD backfilling 0.75-inch stone for waterproofing installation in the southern part of the site (WCG E, facing north).



SITE OBSERVATION REPORT - RAWP Day 233









LANGAN SITE OBSERVATION REPORT – RAWP Day 234

PROJECT No.: **CLIENT:** DATE: 170362702 Saturday, March 11, 2023

Rain; 35 – 50°F, WEATHER: PROJECT: 23-15 44th Road

LLC

Wind: NE 10 – 20 mph CP VIII LIC Owner, LOCATION: TIME: Long Island City, New York 7:45 a.m. – 12:00 p.m.

BCP SITE ID: MONITOR: C241189 Gabriella DeGennaro

EQUIPMENT: PRESENT AT SITE:

Langan: Gabriella DeGennaro 1 CAT 355F Excavator

1 CAT 313GC Excavator East Coast Drilling (ECD): Mike Brosnan

1 Hitachi 135US 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 poured concrete for foundation slab and walls in waste characterization grids (WCG) COMP A, B, E, F and I in the southern and central parts of the 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		ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen A	Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry	
	Lafa	yette, NJ	Fran	nklin, NJ	Hale	don, NJ	Wh	arton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	0	0	
Total	9	221.94	20	490.34	12	302.46	55	1,362.74	
DEC Approved Amount	480	Tons*	960 Tons*		480 Tons*		1,600 Tons*		

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafayette, NJ		Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0 0		0 0		1	24.3	
DEC Approved Amount	1,60	00 Tons*	1,600 Tons*		1,600 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 Hazardous Soil/Fill	No. Loads	0	54
	Quantity (CY)	0	1,080
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	0	287
	Quantity (CY)	0	5,740
Middlesex County Utilities Authority Landfill East Brunswick, NJ Non-Hazardous Soil/Fill	No. Loads	0	1,342
	Quantity (CY)	0	26,840
Clean Earth of North Jersey Kearny, NJ Hazardous Soil/Fill	No. Loads	0	96
	Quantity (CY)	0	1,920
P Park NJ LLC Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	No. Loads	0	43
	Quantity (CY)	0	860

Samples Collected

- Langan collected one documentation end-point sample from the base of soil excavation in WCG COMP E (about 11 feet bfsg). Sample EP29_5 was submitted for analysis to York Analytical Laboratories (York) of Stratford, Connecticut for PFAS (EPA 1633).
- Langan collected one confirmation end-point and one duplicate sample from the base of soil
 excavation in WCG COMP A (about 5.5 feet bfsg). Sample EP01_10.5 and DUP03_031123 were
 submitted for analysis to York for Part 375 VOCs, SVOCs, Metals, PCBs, PFAS (EPA 1633), 1,4dioxane, Hexavalent Chromium, Cyanide, and Pesticides/Herbicides.

Community Air Monitoring Plan (CAMP) Activities

Community air monitoring was not implemented due to inclement weather.

Anticipated Activities.

- ECD will continue excavating across the southern part of the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:

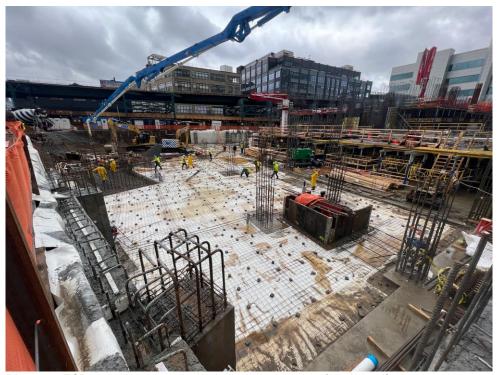
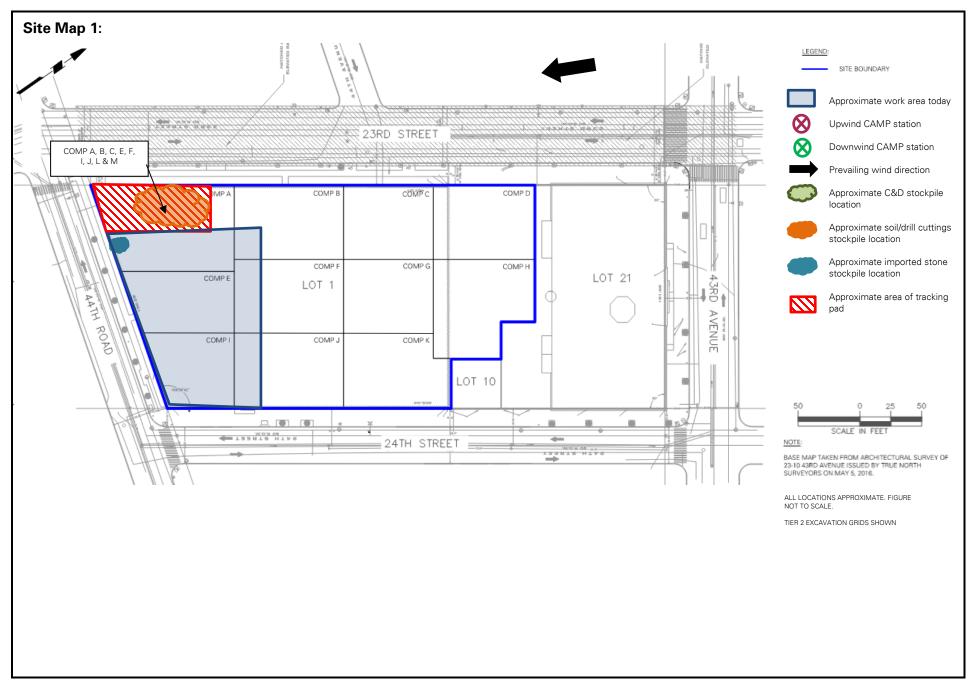
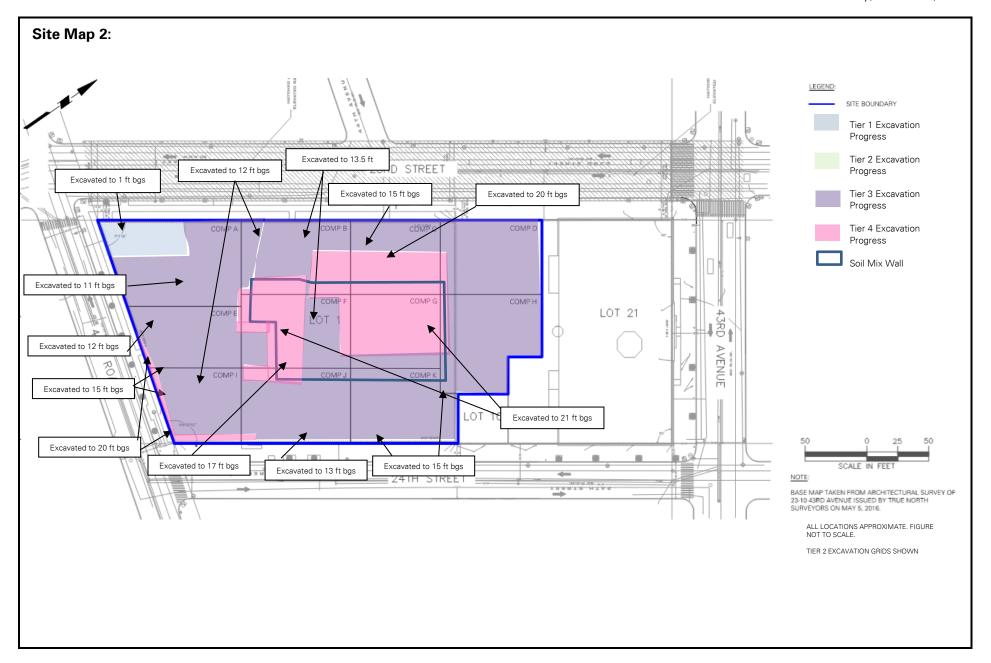


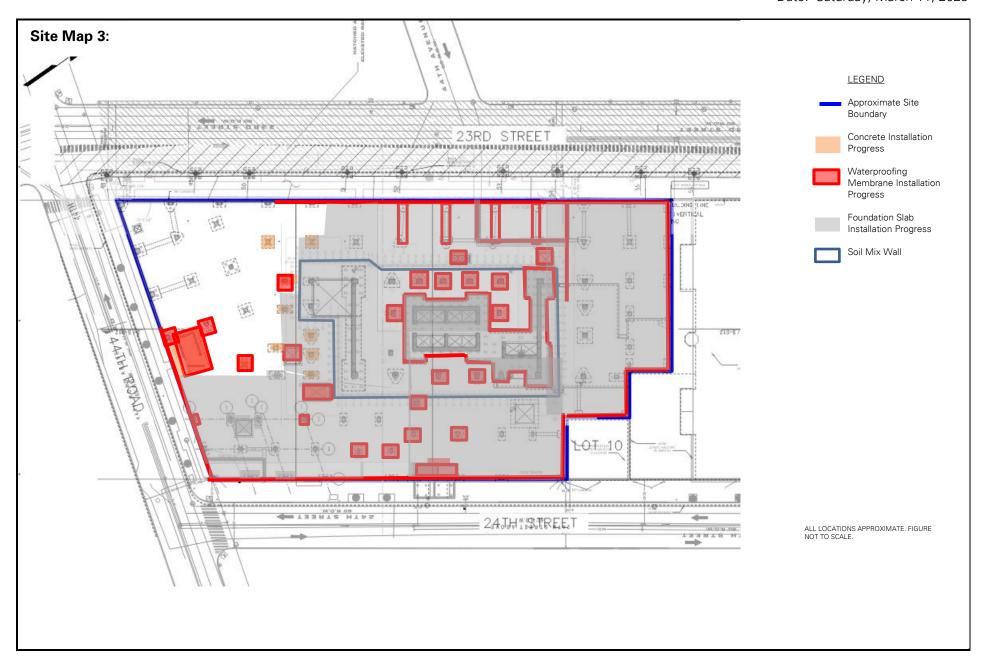
Photo 1: ECD pouring concrete in the southern part of the site (facing northwest).



SITE OBSERVATION REPORT - RAWP Day 234









LANGAN SITE OBSERVATION REPORT – RAWP Day 235

PROJECT No.: CLIENT: DATE: 170362702 Monday, March 13, 2023

Rain; 38 – 46°F, WEATHER: PROJECT: 23-15 44th Road

Wind: E @ 3 – 11 mph CP VIII LIC Owner, LOCATION: Long Island City, New York TIME: 6:45 a.m. - 4:30 p.m.

LLC **BCP SITE ID:** C241189 MONITOR: Rachel Condon

EQUIPMENT: PRESENT AT SITE:

1 CAT 355F Excavator Langan: Rachel Condon

1 CAT 313GC Excavator East Coast Drilling (ECD): Mike Brosnan

1 Hitachi 135US 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 poured concrete for foundation walls in waste characterization grids (WCG) COMP A and B in the southern part of the site.
- ECD used a CAT313GC excavator to excavate an area about 20 feet long by 4 feet wide by 5 feet deep (corresponding to a depth of 15 feet bfsg) in WCGs COMP A and E for support of excavation (SOE) lagging and pile cap installation. Excavated material was temporarily stockpiled adjacent to the area to be replaced upon completion of work.

Material Tracking

• No material was imported to the site.

Import Summary								
	2"-4" Tracking Pad Stone Pad Stone Pad Stone		ASTM #57 Stone					
Facility/Material	Braen	of Sparta	7				ew York, Inc. – ope Quarry	
	Lafa	yette, NJ	Fran	nklin, NJ	Hale	don, NJ	Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	0	0
Total	9	221.94	20	490.34	12	302.46	55	1,362.74
DEC Approved Amount	480	Tons*	960	960 Tons* 480 Tons*		1,600 Tons*		

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafa	yette, NJ	Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0 0		0	0	1	24.3	
DEC Approved Amount	1,60	1,600 Tons*		1,600 Tons*		1,600 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	54				
Hazardous Soil/Fill	Quantity (CY)	0	1,080				
Bayshore Soil Management	No. Loads	0	287				
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740				
Middlesex County Utilities Authority Landfill	No. Loads	0	1,342				
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	26,840				
Clean Earth of North Jersey	No. Loads	0	96				
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920				
P Park NJ LLC	No. Loads	0	43				
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860				

Samples Collected • None. **Community Air Monitoring Plan (CAMP) Activities** • Community air monitoring was not implemented due to inclement weather. **Anticipated Activities**. • ECD will continue excavating across the southern part of the site. • ECD will continue exporting excavated soil/fill to offsite disposal facilities.

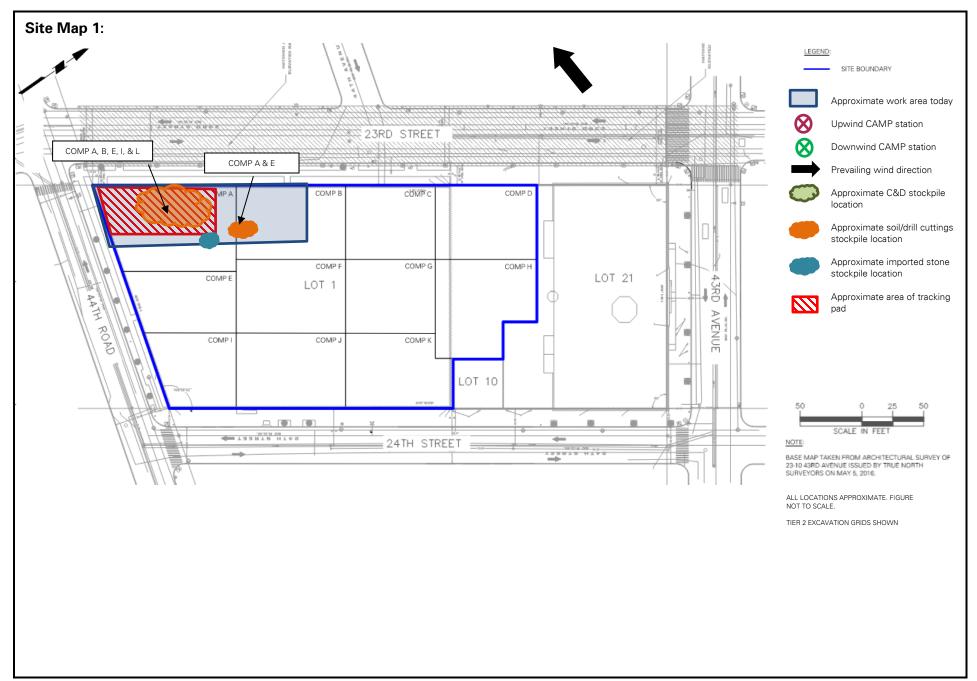
SITE PHOTOGRAPHS:

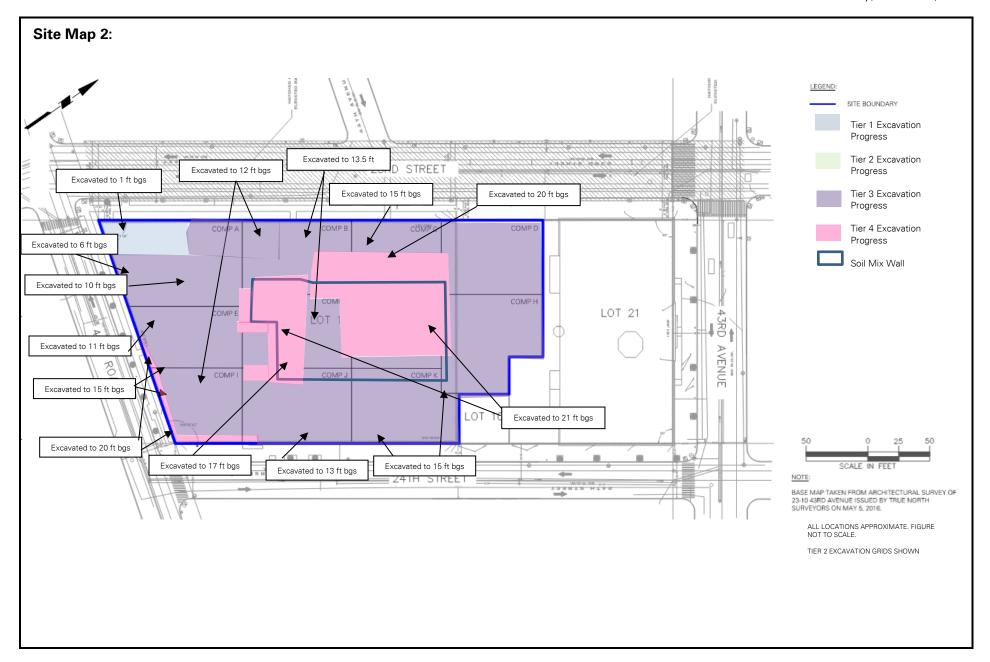


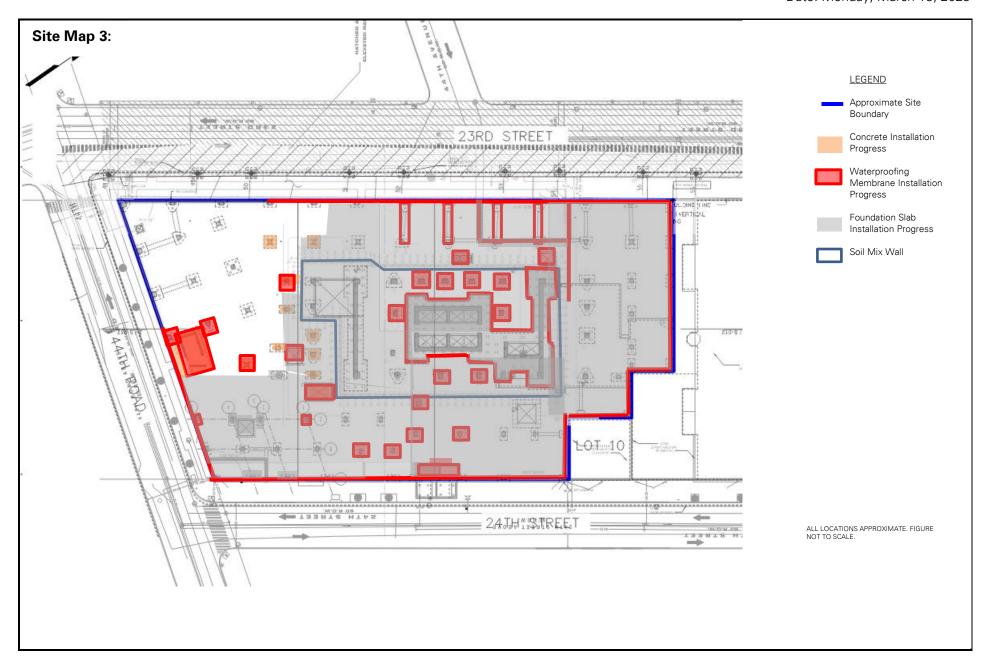
Photo 1: ECD excavating in the western part of the site and installing SOE lagging (facing north).



SITE OBSERVATION REPORT - RAWP Day 235







LANGAN SITE OBSERVATION REPORT – RAWP Day 236

PROJECT No.: **CLIENT:** DATE: 170362702 Tuesday, March 14, 2023

Snow; 35 - 40°F, PROJECT: WEATHER: 23-15 44th Road

Wind: WNW @ 6 – 14 mph LOCATION: CP VIII LIC Owner, Long Island City, New York TIME: 6:45 a.m. - 4:45 p.m.

LLC

BCP SITE ID: MONITOR: Caroline Devin C241189

EQUIPMENT: PRESENT AT SITE:

1 CAT 355F Excavator Langan: Caroline Devin

1 CAT 313GC Excavator East Coast Drilling (ECD): Mike Brosnan

1 Hitachi 135US 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 poured concrete for foundation walls, mat slab and pile caps in waste characterization grids (WCG) COMP A, B and E in the southwestern and western parts of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically for pile caps and foundation walls in WCGs COMP B and F in the central and western parts of the site.
- ECD used a CAT313GC excavator to backfill an area around a pile cap with previously excavated material that had been temporarily stockpiled adjacent to the area.
- ECD used a CAT313GC excavator to excavate two areas: one about 15 feet long by 4 feet wide by 5 feet deep, and one about 10 feet by 4 feet by 5 feet deep (corresponding to a depth of 18 feet below former site grade [bfsg]) in WCGs COMP A, E and L for support of excavation (SOE) lagging. About 3 cubic yards (CY) of excavated material was temporarily stockpiled adjacent to each area and replaced upon completion of work. The remainder of excavated material was added to the existing stockpile/site ramp in WCG COMP A.
- ECD used a CAT313GC excavator to excavate an area about 8 feet long by 8 feet wide by 4 feet deep (corresponding to a depth of 15 feet bfsg) in WCG COMP E for pile cap installation. About 5 CY of excavated material was temporarily stockpiled adjacent to the area and replaced upon completion of work. The remainder of excavated material was added to the existing stockpile/site ramp in WCG COMP A.
- ECD used a CAT355F excavator to excavate an area about 20 feet long by 15 feet wide by 3 feet deep (corresponding to a depth of 10 feet bfsg) in WCGs COMP A and E. Excavated material was added to the existing stockpile/site ramp in WCG COMP A.
- ECD used a CAT355F excavator to grade an area about 15 feet long by 10 feet wide in WCGs COMP A and E. Excess generated material was added to the existing stockpile/site ramp in WCG COMP Α.

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		ASTM #57 Stone	
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry		
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	0	0	
Total	9	221.94	20	490.34	12	302.46	55	1,362.74	
DEC Approved Amount	48	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafa	yette, NJ	Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0	0 0		0	1	24.3	
DEC Approved Amount	1,60	00 Tons*	1,600 Tons*		1,600 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	54				
Hazardous Soil/Fill	Quantity (CY)	0	1,080				
Bayshore Soil Management	No. Loads	0	287				
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740				
Middlesex County Utilities Authority Landfill	No. Loads	0	1,342				
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	26,840				
Clean Earth of North Jersey	No. Loads	0	96				
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920				
P Park NJ LLC	No. Loads	0	43				
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860				

Samples Collected • None. **Community Air Monitoring Plan (CAMP) Activities** • Community air monitoring was not implemented due to inclement weather. **Anticipated Activities**. • ECD will continue excavating across the southern part of the site. • ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating for SOE lagging installation in the southwestern part of the site (facing northeast).

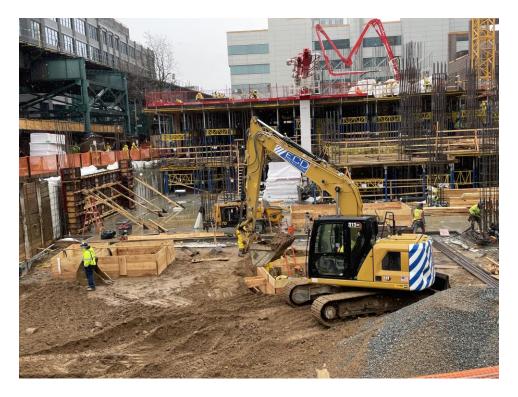
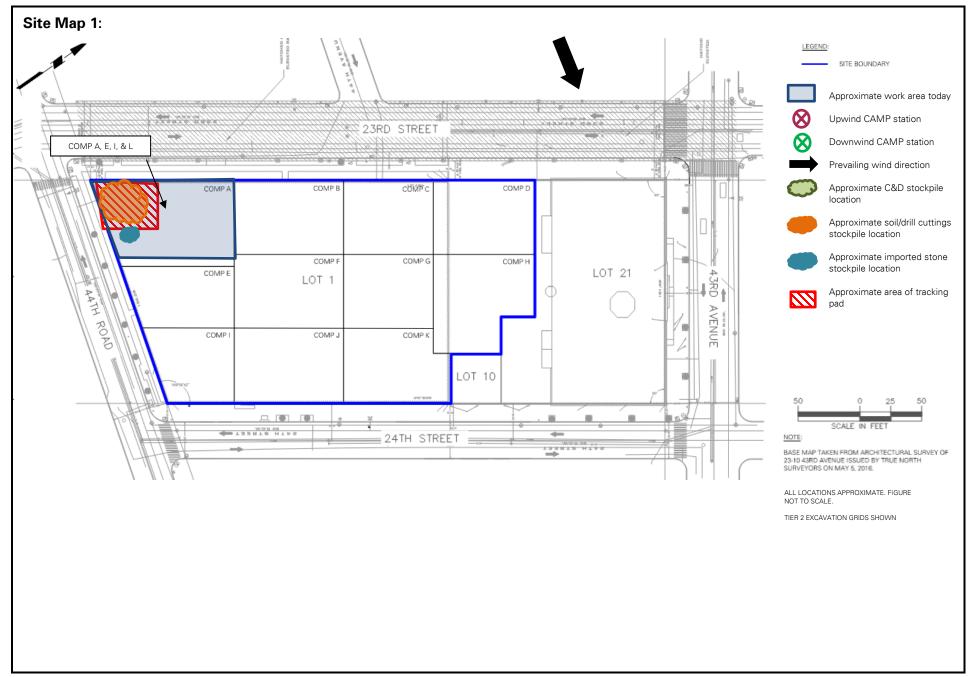
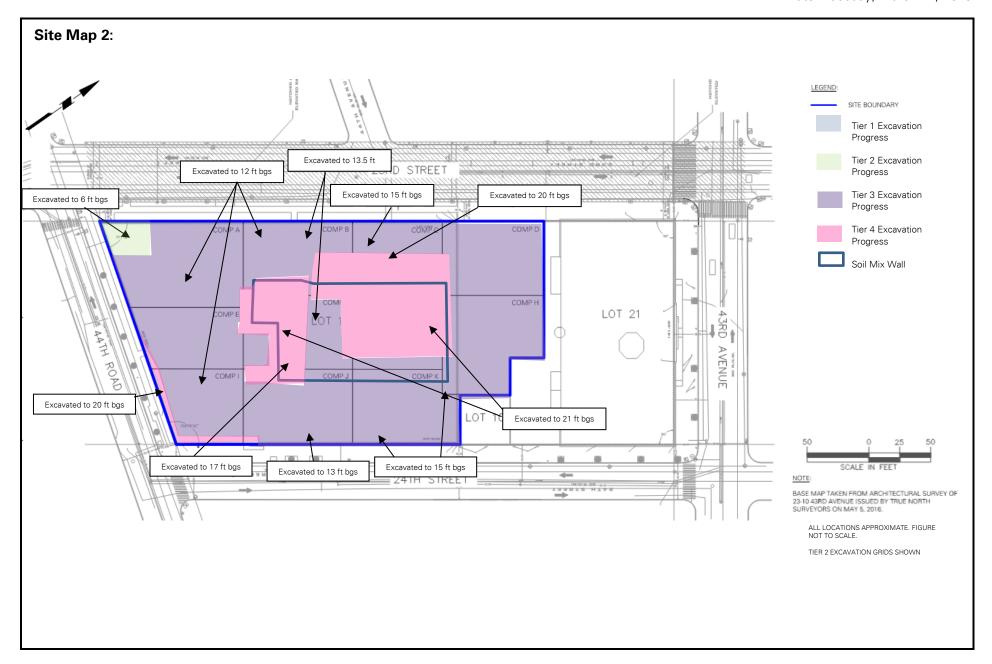


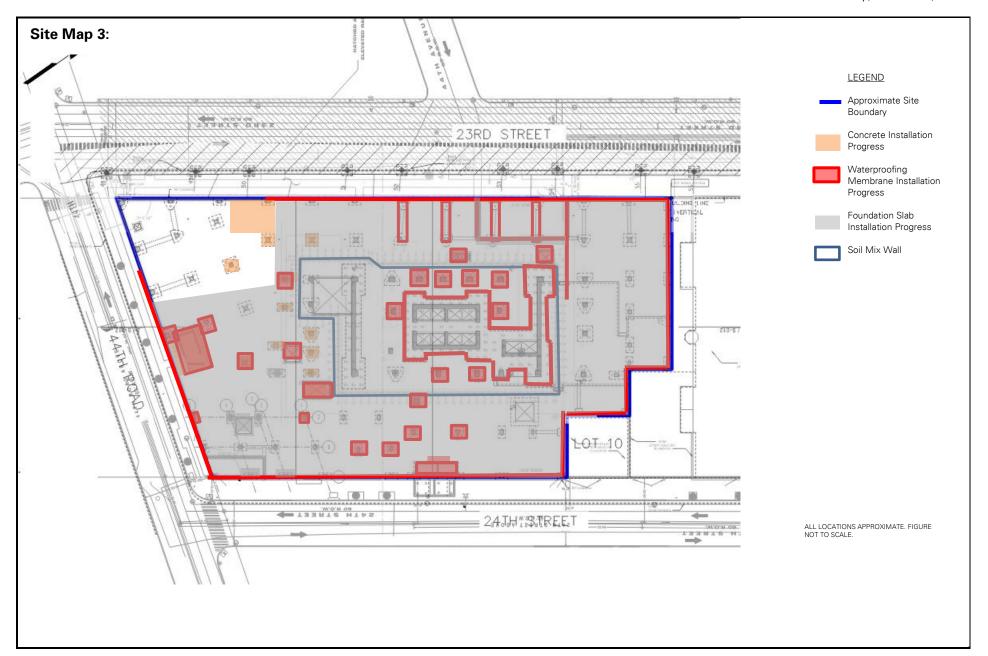
Photo 2: ECD backfilling with previously excavated material that had been temporarily stockpiled adjacent to the area in the southwestern part of the site (facing north).



SITE OBSERVATION REPORT - RAWP Day 236







LANGAN SITE OBSERVATION REPORT – RAWP Day 237

PROJECT No.: **CLIENT:** DATE: 170362702 Wednesday, March 15, 2023

Overcast/Windy; 34 - 44°F, PROJECT: WEATHER: 23-15 44th Road Wind: NW @ 7.8 – 11.7 mph

CP VIII LIC Owner, LOCATION: Long Island City, New York TIME: 6:45 a.m. - 4:15 p.m.

LLC **BCP SITE ID:** C241189 **MONITOR:** Caroline Devin

EQUIPMENT: PRESENT AT SITE:

1 CAT 355F Excavator Langan: Caroline Devin

1 CAT 313GC Excavator East Coast Drilling (ECD): Mike Brosnan 1 Hitachi 135US 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 poured concrete for foundation walls in waste characterization grid (WCG) COMP A in the southern part of the site.
- ECD installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically for pile caps and foundation walls in WCGs COMP A and E in the southern and southwestern parts of the site.
- ECD used a CAT355F excavator to load trucks with the previously stockpiled soil/fill in WCG COMP A for off-site disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP A, E, I, and L.
- ECD used a CAT313GC excavator to excavate the following areas in WCGs COMP A and E for pile caps and utility trenches in the southern part of the site. About 4 cubic yards (CY) of excavated material was temporarily stockpiled adjacent to each area and replaced upon completion of work.
 - o An area about 8 feet long by 8 feet wide by 5 feet deep (corresponding to a depth of 15 feet below former site grade [bfsg])
 - o An area about 30 feet long by 3 feet wide by 5 feet deep (corresponding to a depth of 15 feet bfsg).
 - o An area about 6 feet long by 4 feet wide by 5 feet deep (corresponding to a depth of 15 feet
- ECD used a CAT313GC excavator to excavate an area about 10 feet long by 4 feet wide by 6 feet deep (corresponding to a depth of 16 feet bfsg) in WCGs COMP A and L for support of excavation (SOE) lagging installation. About 5 CY of excavated material was temporarily stockpiled adjacent to the area and replaced upon completion of work. The remainder of excavated material was added to the existing stockpile/site ramp in WCG COMP A.
- ECD used a CAT355F excavator to grade and reshape the existing stockpile/site ramp in WCG COMP A.

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		ASTM #57 Stone	
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry		
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	0	0	
Total	9	221.94	20	490.34	12	302.46	55	1,362.74	
DEC Approved Amount	48	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafa	yette, NJ	Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0	0 0		0	1	24.3	
DEC Approved Amount	1,60	00 Tons*	1,600 Tons*		1,600 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 5 loads (100 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:

o COMP A (5-10)', COMP A (10-15)', COMP E (10-15)', COMP I (10-15)', COMP L (15-27)'.

Soil/Fill Export Summary							
Facility	Exported	Today	Total				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	54				
Hazardous Soil/Fill	Quantity (CY)	0	1,080				
Bayshore Soil Management	No. Loads	0	287				
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740				
Middlesex County Utilities Authority Landfill	No. Loads	5	1,347				
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	100	26,940				
Clean Earth of North Jersey	No. Loads	0	96				
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920				
P Park NJ LLC	No. Loads	0	43				
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860				

Samples Collected

 Langan collected one confirmation end-point sample from the base of soil excavation in WCG COMP A (about 10 feet bfsg). Sample EP01_6 was submitted on hold for analysis to York Analytical Laboratories of Stratford, Connecticut for Part 375 VOCs, SVOCs, Metals, PCBs, 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 across the southern part of the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:

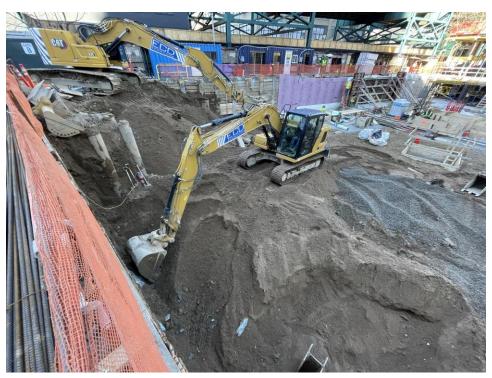


Photo 1: ECD excavating for SOE lagging installation in the southwestern part of the site (facing northwest).

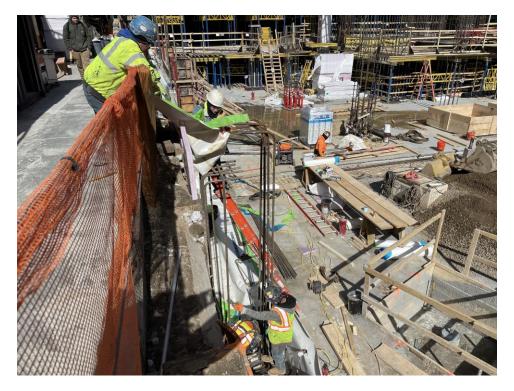


Photo 2: ECD applying waterproofing to the foundation wall in the western part of the site (facing northeast).

SITE PHOTOGRAPHS CONTINUED:

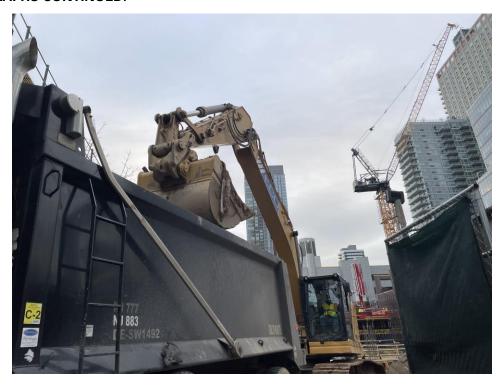


Photo 3: ECD loading a truck for off-site disposal in the southwestern part of the site (facing north).

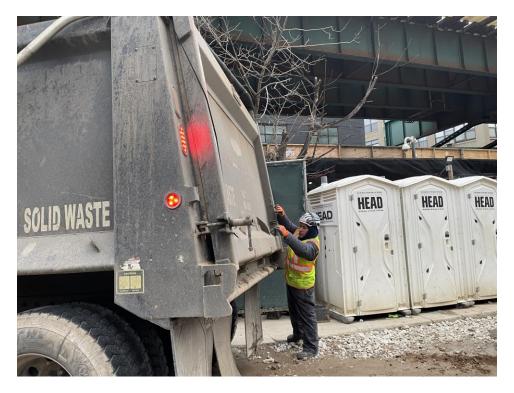
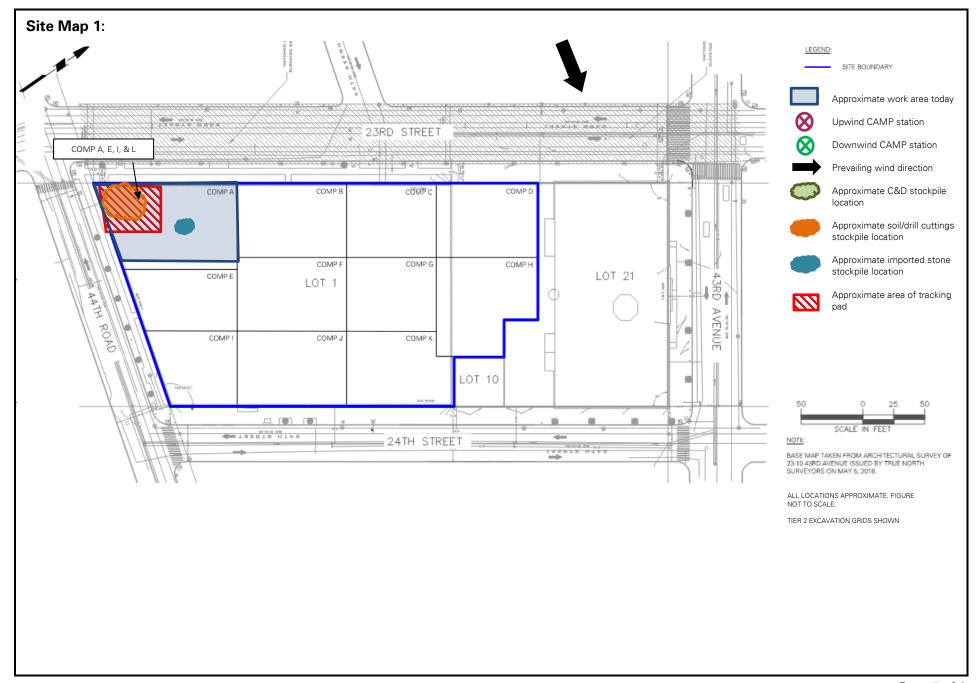
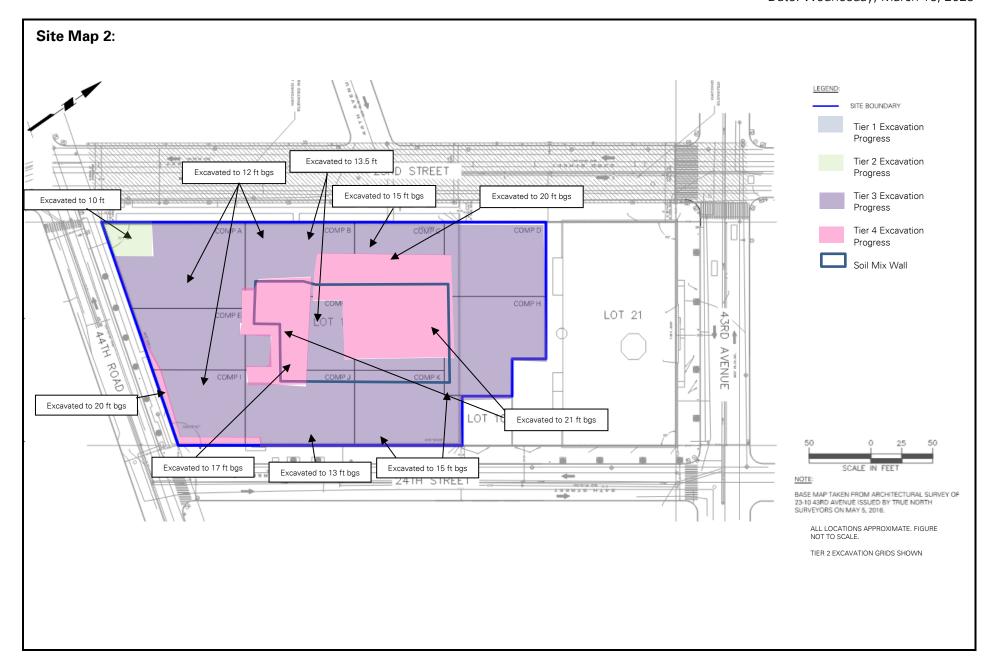


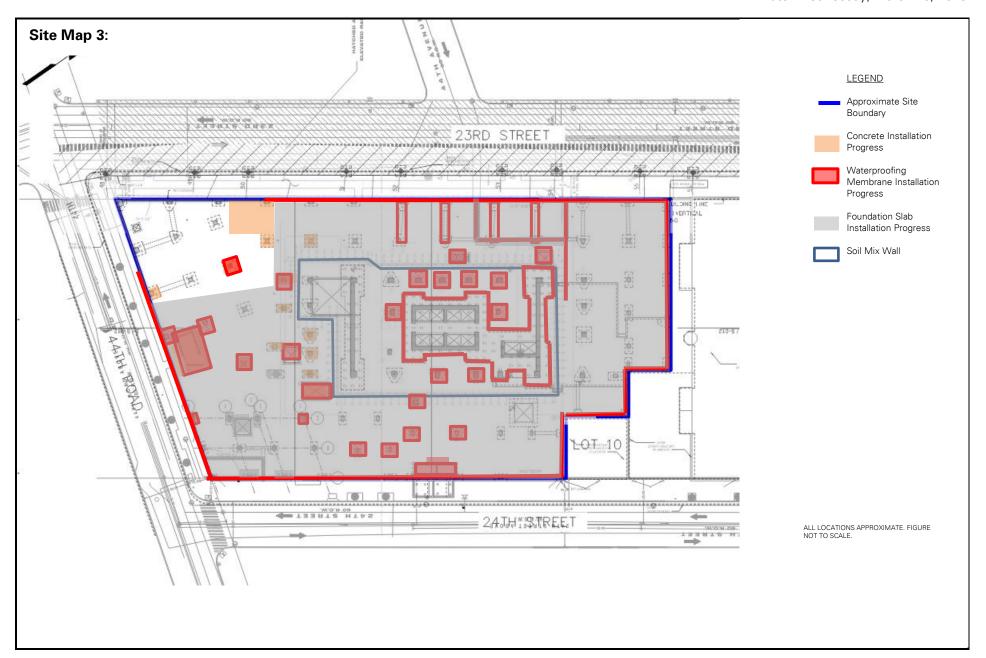
Photo 4: ECD securing a truck cover for off-site disposal (facing west).



SITE OBSERVATION REPORT - RAWP Day 237







LANGAN SITE OBSERVATION REPORT – RAWP Day 238

PROJECT No.: **CLIENT:** DATE: 170362702 Thursday, March 16, 2023

Partly Cloudy; 35 - 58°F, WEATHER: PROJECT: 23-15 44th Road Wind: WNW @ 2.9 – 6.0 mph

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

LLC MONITOR: Caroline Devin **BCP SITE ID:** C241189

EQUIPMENT:

PRESENT AT SITE: 1 CAT 355F Excavator Langan: Caroline Devin

BobCat E32i Excavator East Coast Drilling (ECD): Mike Brosnan

1 Hitachi 135US 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 installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically for pile caps and foundation walls in WCGs COMP A and E in the southern part of the site.
- ECD used a CAT355F excavator to load trucks with the previously stockpiled soil/fill in WCG COMP A for off-site disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP A, E, I, and L.
- ECD used a BobCat E32i excavator to excavate the following areas in WCGs COMP A and E for support of excavation (SOE) lagging installation in the southern part of the site. About 4 cubic yards (CY) of excavated material was temporarily stockpiled adjacent to each area and replaced upon completion of work.
 - o An area about 10 feet long by 3 feet wide by 3 feet deep (corresponding to a depth of 15 feet below former site grade [bfsg])
 - o An area about 15 feet long by 3 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg).
- ECD used a CAT355F excavator to excavate an area about 40 feet long by 4 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg) in WCGs COMP A and E for a utility trench. Excavated material was added to the existing stockpile/site ramp in WCG COMP A.
- ECD used a CAT355F excavator to backfill an area about 30 feet long by 20 feet wide with previously imported 0.75-inch quarry stone. Backfilled stone was compacted using a vibratory plate compactor prior to waterproofing installation.
- ECD used a CAT355F excavator to grade and reshape the existing stockpile/site ramp in WCG COMP A.

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		ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry		
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	0	0	
Total	9	221.94	20	490.34	12	302.46	55	1,362.74	
DEC Approved Amount	480	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafa	yette, NJ	Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0 0		0	0	1	24.3	
DEC Approved Amount	1,60	1,600 Tons*		1,600 Tons*		1,600 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 15 loads (300 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:

o COMP A (5-10)', COMP A (10-15)', COMP E (10-15)', COMP I (10-15)', COMP L (15-27)'.

Soil/Fill Export Summary							
Facility	Exported	Today	Total				
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	54				
Hazardous Soil/Fill	Quantity (CY)	0	1,080				
Bayshore Soil Management	No. Loads	0	287				
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740				
Middlesex County Utilities Authority Landfill	No. Loads	15	1,362				
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	300	27,240				
Clean Earth of North Jersey	No. Loads	0	96				
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920				
P Park NJ LLC	No. Loads	0	43				
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860				

Samples Collected

• Langan collected one documentation end-point sample from the base of soil excavation in WCG COMP A (about 13 feet bfsg). Sample EP01_3 was submitted for analysis to York Analytical Laboratories of Stratford, Connecticut for PFAS (EPA 1633).

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 across the southern part of the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating for SOE lagging installation in the southwestern part of the site (facing south).

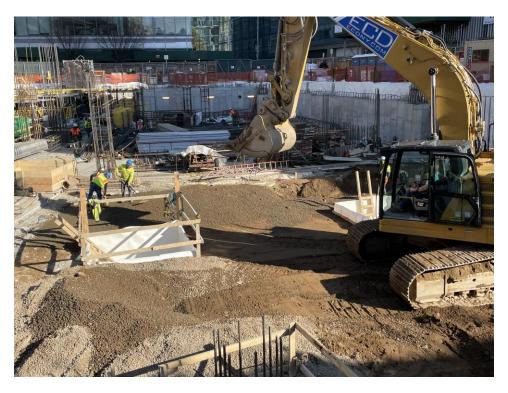


Photo 2: ECD backfilling with imported 0.75-inch quarry stone in the southern part of the site (facing east).

SITE PHOTOGRAPHS CONTINUED:

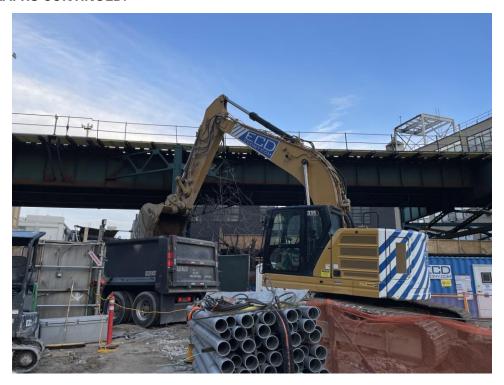


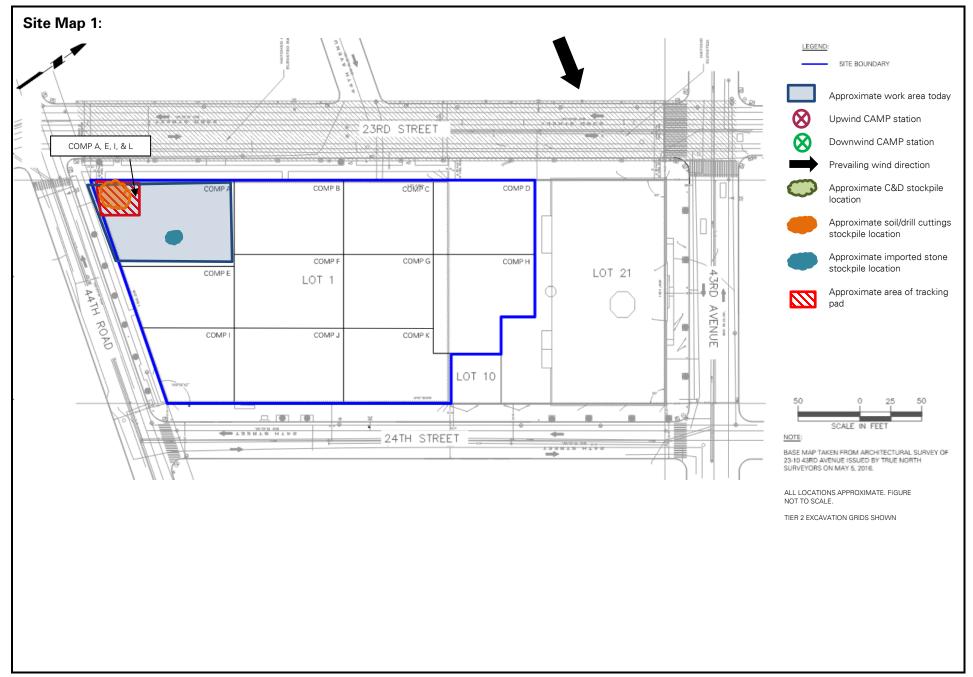
Photo 3: ECD loading a truck for off-site disposal in the southwestern part of the site (facing west).

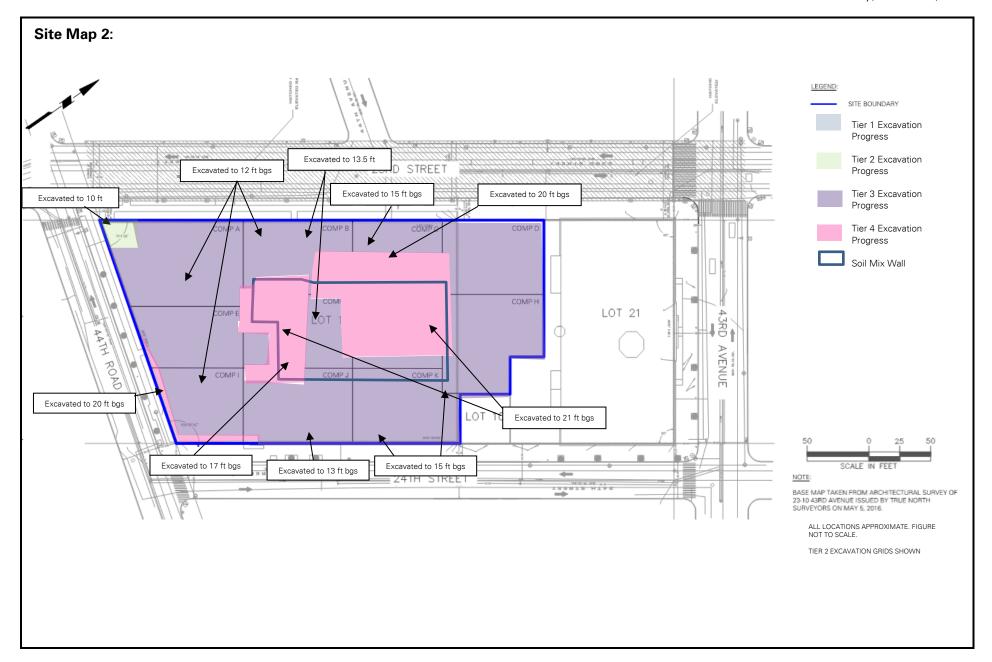


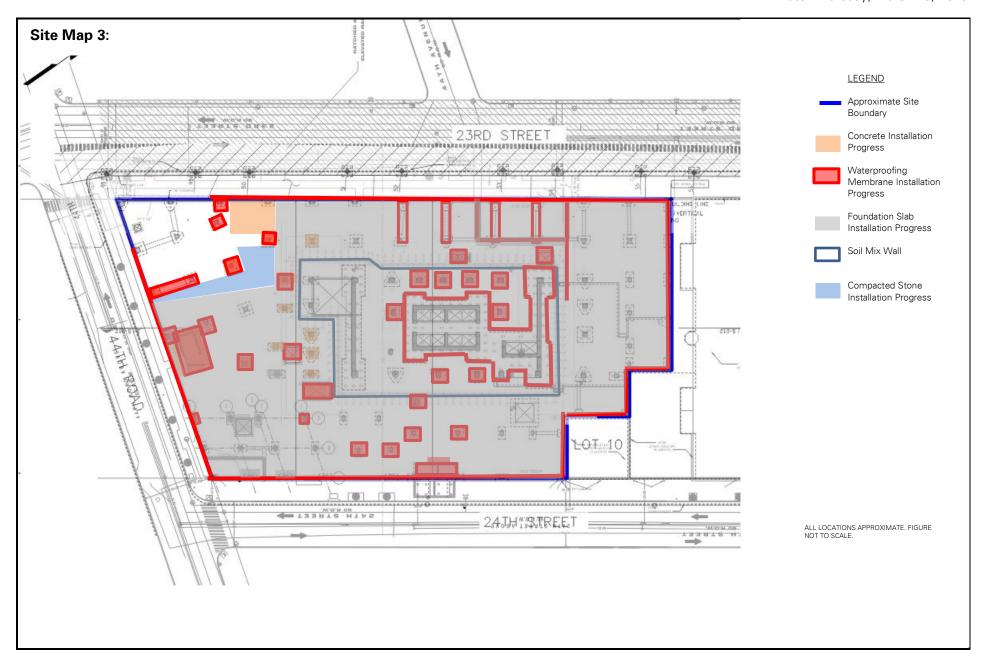
Photo 4: ECD securing a truck cover for off-site disposal (facing west).



SITE OBSERVATION REPORT - RAWP Day 238









LANGAN SITE OBSERVATION REPORT – RAWP Day 239

PROJECT No.: **CLIENT:** DATE: 170362702 Friday, March 17, 2023

Partly Cloudy; 46 - 60°F, PROJECT: WEATHER: 23-15 44th Road Wind: SSW @ 0.6 - 5.2 mph

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

LLC **BCP SITE ID:** C241189 MONITOR: Caroline Devin

EQUIPMENT: PRESENT AT SITE:

1 CAT 355F Excavator Langan: Caroline Devin

BobCat E32i Excavator East Coast Drilling (ECD): Mike Brosnan 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 installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically for pile caps and foundation walls and slab in WCGs COMP A and E in the southern part of the site.
- ECD used a CAT355F excavator to load trucks with the previously stockpiled soil/fill in WCG COMP A for off-site disposal to Middlesex County Utilities Authority Landfill (MCUA), in East Brunswick, NJ. Stockpiled material consisted of soil/fill from WCGs COMP A, E, I, and L.
- ECD used a BobCat E32i excavator to excavate the following areas in WCGs COMP A and E for support of excavation (SOE) lagging installation in the southern part of the site. Excavated material was live-loaded onto trucks for off-site disposal.
 - o An area about 5 feet long by 3 feet wide by 3 feet deep (corresponding to a depth of 15 feet below former site grade [bfsg])
 - An area about 10 feet long by 3 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg).
- ECD used a CAT355F excavator to excavate an area about 24 feet long by 20 feet wide by 8 feet deep (corresponding to a depth of 10 feet bfsg) in WCG COMP A. Excavated material was liveloaded onto trucks for off-site disposal.
- ECD used a CAT355F excavator to backfill an area about 15 feet long by 8 feet wide with previously imported 0.75-inch quarry stone. Backfilled stone was compacted using a vibratory plate compactor prior to waterproofing installation.

Material Tracking

• No material was imported to the site.

Import Summary												
Facility/Material	2"- 4" Tracking Pad Stone		2"– 4" Tracking Pad Stone		2"- 4" Tracking Pad Stone		ASTM #57 Stone					
	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry					
	Lafayette, NJ		Franklin, NJ		Haledon, NJ		Wharton, NJ					
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)				
Today	0	0	0	0	0	0	0	0				
Total	9	221.94	20	490.34	12	302.46	55	1,362.74				
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*					

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone	
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.	
	Lafa	yette, NJ	Fra	nklin, NJ	Haledon, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0
Total	0	0	0	0	1	24.3
DEC Approved Amount	1,600 Tons*		1,6	00 Tons*	1,600 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 16 loads (320 CY) of non-hazardous soil/fill to MCUA from the following waste characterization grids:

o COMP A (5-10)', COMP A (10-15)', COMP E (10-15)', COMP I (10-15)', COMP L (15-27)'.

Soil/Fill E	Soil/Fill Export Summary								
Facility	Exported	Today	Total						
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	54						
Hazardous Soil/Fill	Quantity (CY)	0	1,080						
Bayshore Soil Management	No. Loads	0	287						
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740						
Middlesex County Utilities Authority Landfill	No. Loads	16	1,378						
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	320	27,560						
Clean Earth of North Jersey	No. Loads	0	96						
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920						
P Park NJ LLC	No. Loads	0	43						
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860						

Samples Collected

• None

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 Particulate concentrations were not recorded at the upwind station from 12:33 to 13:31 due to equipment malfunction. The equipment was restarted and recalibrated and the issue was resolved. Fugitive dust associated with intrusive activities was not observed.

Anticipated Activities.

- ECD will continue excavating across the southern part of the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:

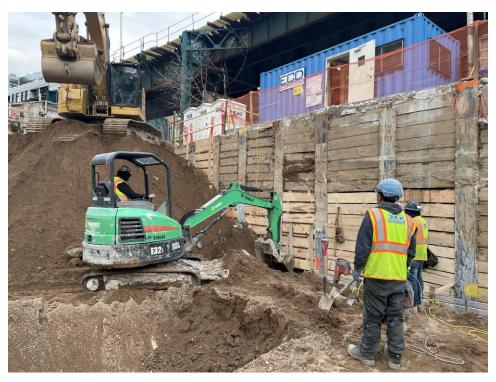


Photo 1: ECD excavating for SOE lagging installation in the southwestern part of the site (facing southwest).

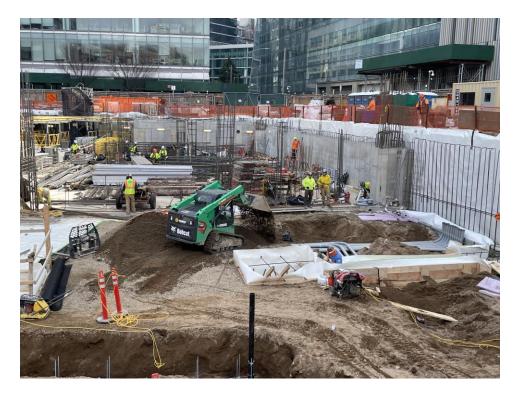


Photo 2: ECD backfilling with previously-imported 0.75-inch quarry stone in the southern part of the site (facing east).

SITE PHOTOGRAPHS CONTINUED:



Photo 3: ECD loading a truck for off-site disposal in the southwestern part of the site (facing west).

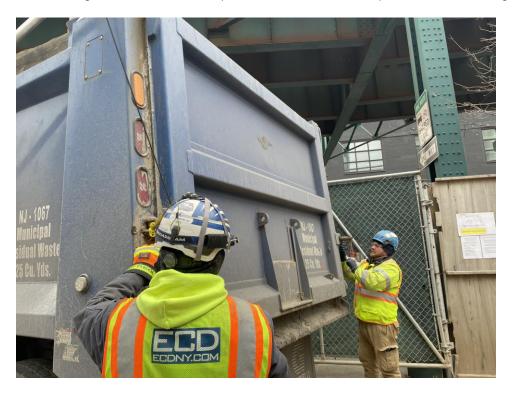
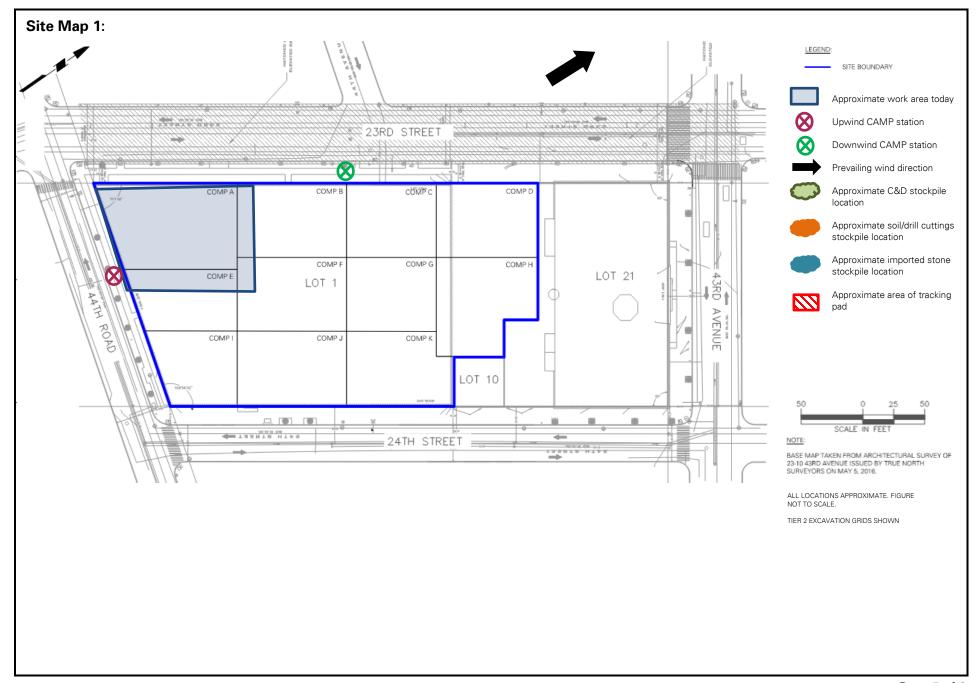
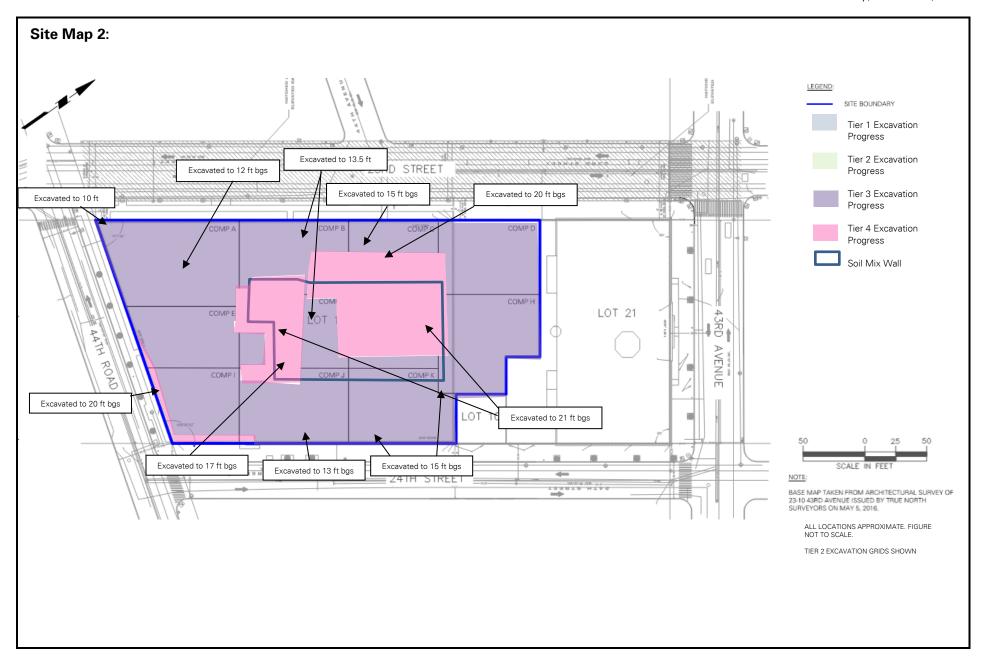


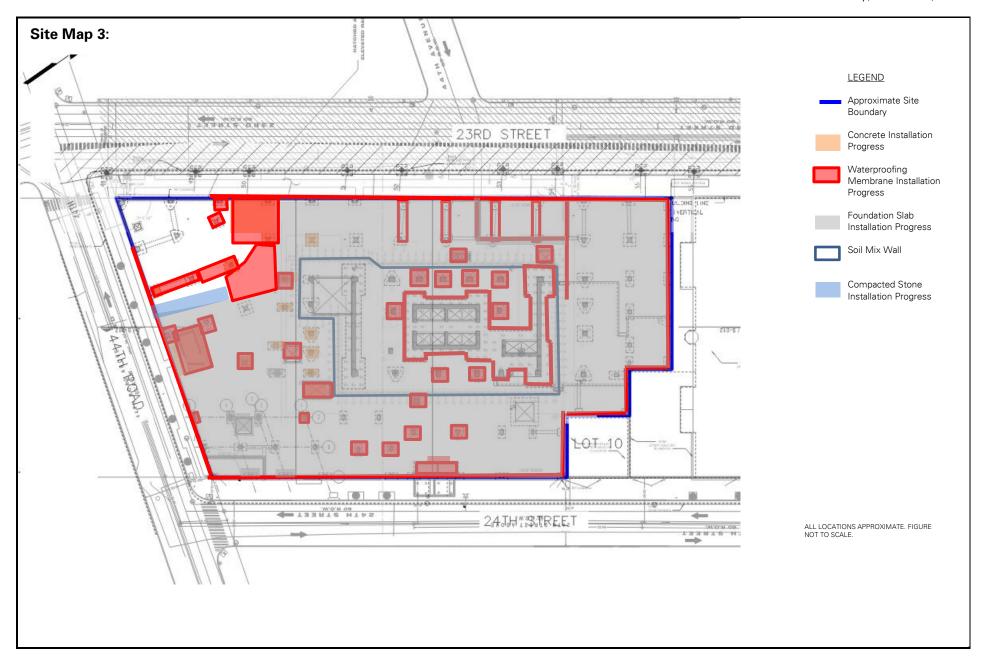
Photo 4: ECD securing a truck cover for off-site disposal (facing west).



SITE OBSERVATION REPORT - RAWP Day 239









LANGAN SITE OBSERVATION REPORT – RAWP Day 240

PROJECT No.: **CLIENT:** DATE: 170362702 Saturday, March 18, 2023

Sunny; 42 - 51°F, PROJECT: WEATHER: 23-15 44th Road

Wind: NW @ 5.0 – 6.8 mph CP VIII LIC Owner, LOCATION: Long Island City, New York TIME: 7:45 a.m. - 1:00 p.m.

LLC

BCP SITE ID: C241189 MONITOR: Gabriella DeGennaro

EQUIPMENT: PRESENT AT SITE:

1 CAT 355F Excavator Langan: Gabriella DeGennaro

BobCat E32i Excavator East Coast Drilling (ECD): Mike Brosnan

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 installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane vertically for foundation walls in Waste Characterization Grid (WCG) COMP A in the southern part of the site.
- ECD used a CAT 355F to excavate an area about 5 feet long by 5 feet wide by 3 feet deep (corresponding to a depth of 15 feet below former site grade [bfsg]) in WCG COMP A. Excavated material was stockpiled adjacent to the excavation in WCG COMP A for future off-site disposal.
- ECD used a BobCat E32i excavator to excavate an area about 5 feet long by 3 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg) in WCG COMP A for support of excavation (SOE) lagging installation in the southern part of the site. Excavated material was stockpiled adjacent to the excavation in WCG COMP A for future off-site disposal.

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		ASTM #57 Stone		
Facility/Material	Braen of Sparta Braen Aggregates, LLC Stone Industries, Inc.		Braen Aggregates, Stone Industries,		rta 33 3 4 7		Tilcon New York, Inc. – Mt Hope Quarry			
	Lafa	yette, NJ	Franklin, NJ		Haledon, NJ		Wharton, NJ			
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)		
Today	0	0	0	0	0	0	0	0		
Total	9	221.94	20	490.34	12	302.46	55	1,362.74		
DEC Approved Amount	48	0 Tons*	960 Tons*		480 Tons*		1,600 Tons*			

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafayette, NJ		Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Quantity Loads (tons)		No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0	0	0	0	1	24.3	
DEC Approved Amount	1,60	00 Tons*	1,600 Tons*		1,600 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	54					
Hazardous Soil/Fill	Quantity (CY)	0	1,080					
Bayshore Soil Management	No. Loads	0	287					
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740					
Middlesex County Utilities Authority Landfill	No. Loads	0	1,378					
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	27,560					
Clean Earth of North Jersey	No. Loads	0	96					
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920					
P Park NJ LLC	No. Loads	0	43					
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860					

Samples Collected

• None

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 across the southern part of the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:



Photo 1: ECD excavating around a pile cap in WCG COMP A (facing west).



Photo 2: ECD installing waterproofing in WCG COMP A (facing south).

SITE PHOTOGRAPHS CONTINUED:



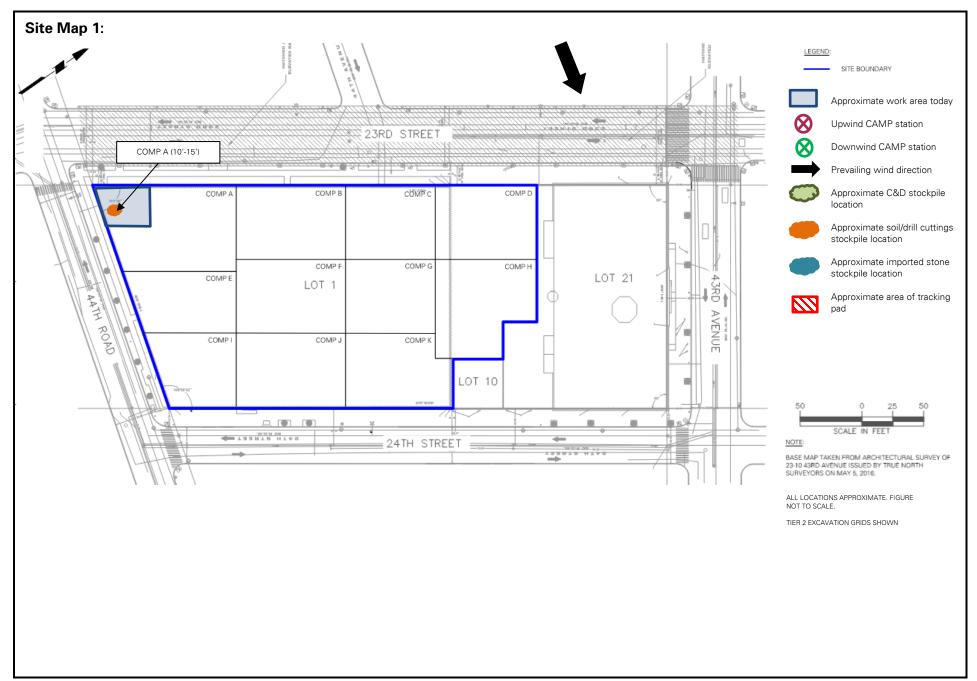
Photo 3: ECD excavating for lagging installation in WCG COMP A (facing west).

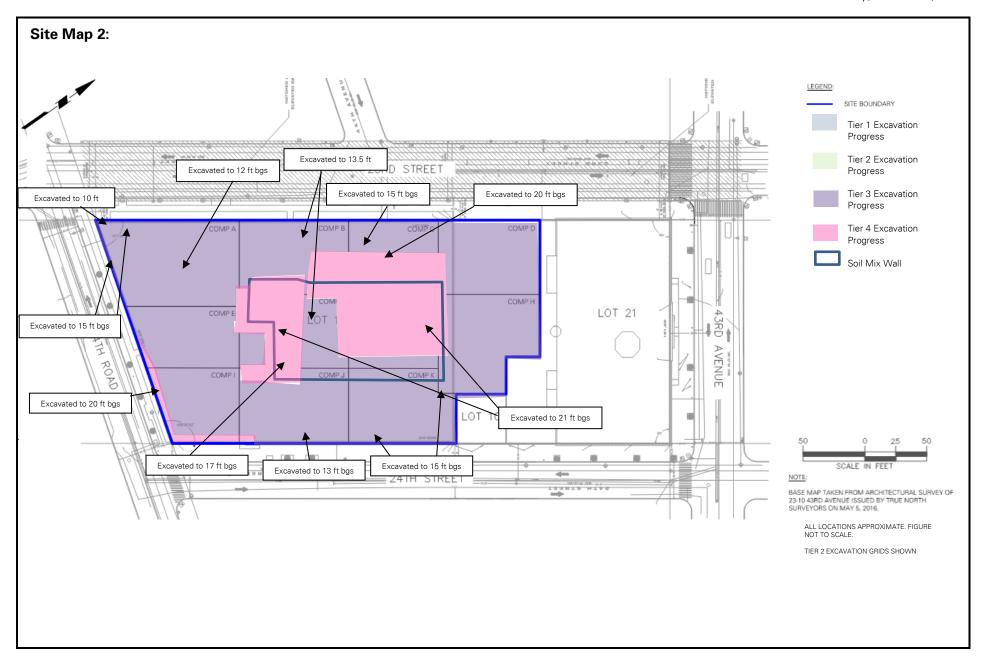


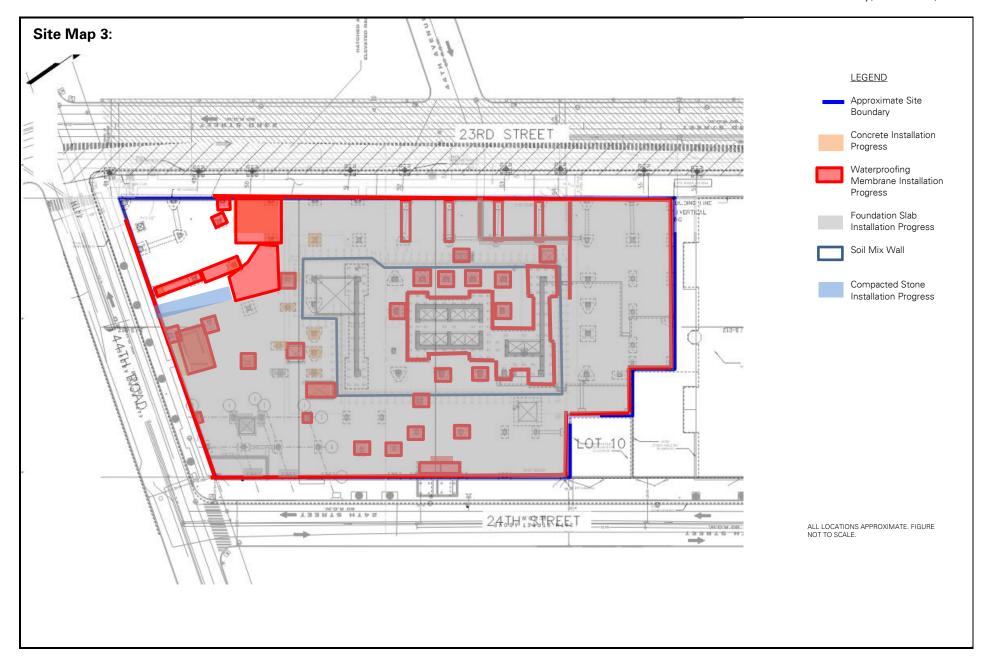
Photo 4: General view of the site (facing north).



SITE OBSERVATION REPORT - RAWP Day 240









LANGAN SITE OBSERVATION REPORT – RAWP Day 241

PROJECT No.: **CLIENT:** DATE: 170362702 Monday, March 20, 2023

Sunny; 32 - 50°F, PROJECT: WEATHER: 23-15 44th Road

Wind: WSW @ 1.2 - 5.5 mph CP VIII LIC Owner, LOCATION: Long Island City, New York TIME: 6:45 a.m. - 6:15 p.m.

LLC

BCP SITE ID: C241189 MONITOR: Caroline Devin

EQUIPMENT: PRESENT AT SITE:

1 CAT 355F Excavator Langan: Caroline Devin

BobCat E32i Excavator East Coast Drilling (ECD): Mike Brosnan 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 installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically for foundation walls, slab, and pile caps in Waste Characterization Grids (WCG) COMP A and E in the southwestern part of the site.
- ECD poured concrete for mat slab and pile caps in WCGs COMP A and E.
- ECD used a BobCat E32i excavator to excavate an area about 20 feet long by 5 feet wide by 3 feet deep (corresponding to a depth of 15 feet below former site grade [bfsg]) in WCG COMP A. Excavated material was temporarily stockpiled adjacent to the excavation in WCG COMP A and replaced upon completion of work.
- ECD used a BobCat E32i excavator to backfill a previously excavated utility trench with material that had been excavated from and temporarily stockpiled adjacent to the excavated area.
- ECD used a BobCat E32i excavator to excavate an area about 7 feet long by 6 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg) in WCG COMP A for pile cap installation in the southern part of the site. Excavated material was temporarily stockpiled adjacent to the excavation in WCG COMP A and replaced upon completion of work.
- ECD used a BobCat E32i excavator to excavate an area about 8 feet long by 3 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg) in WCG COMP A for support of excavation (SOE) lagging installation in the southern part of the site. Excavated material was temporarily stockpiled adjacent to the excavation in WCG COMP A and replaced upon completion of work.
- ECD used a vibratory plate compactor to compact an area about 50 feet long by 20 feet wide prior to mat slab installation.
- ECD used a BobCat E32i excavator to grade an area about 35 feet long by 30 feet wide in WCG COMP A in the southwestern part of the 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		ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen Aggregates, LLC		Stone Industries, Inc.		Tilcon New York, Inc. – Mt Hope Quarry			
	Lafa	yette, NJ	Franklin, NJ		Haledon, NJ		Wharton, NJ			
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)		
Today	0	0	0	0	0	0	0	0		
Total	9	221.94	20	490.34	12	302.46	55	1,362.74		
DEC Approved Amount	480	0 Tons*	960 Tons*		480 Tons*		1,600 Tons*			

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafayette, NJ		Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Quantity Loads (tons)		No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0	0	0	0	1	24.3	
DEC Approved Amount	1,60	00 Tons*	1,600 Tons*		1,600 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	54					
Hazardous Soil/Fill	Quantity (CY)	0	1,080					
Bayshore Soil Management	No. Loads	0	287					
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740					
Middlesex County Utilities Authority Landfill	No. Loads	0	1,378					
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	27,560					
Clean Earth of North Jersey	No. Loads	0	96					
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920					
P Park NJ LLC	No. Loads	0	43					
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860					

Samples Collected

None

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 across the southern part of the site.
- ECD will continue exporting excavated soil/fill to offsite disposal facilities.

SITE PHOTOGRAPHS:

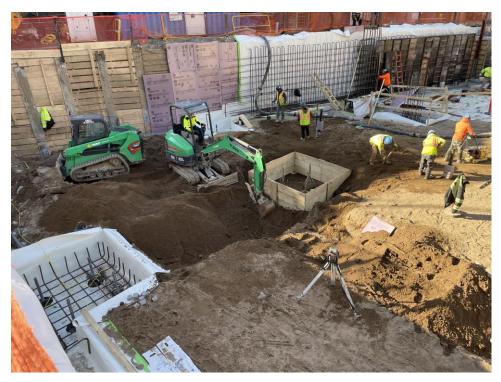


Photo 1: ECD excavating around a pile cap in WCG COMP A (facing west).



Photo 2: ECD installing waterproofing in WCG COMP A (facing northeast).

SITE PHOTOGRAPHS CONTINUED:



Photo 3: ECD excavating for lagging installation in WCG COMP A (facing south).

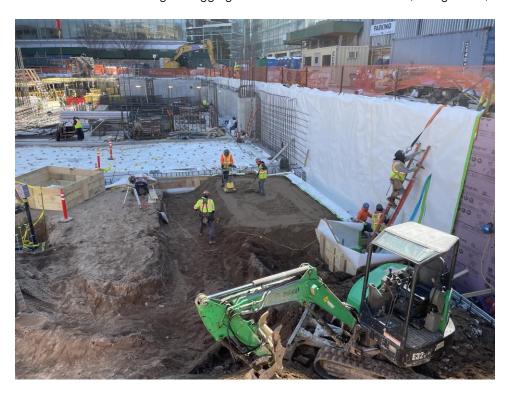
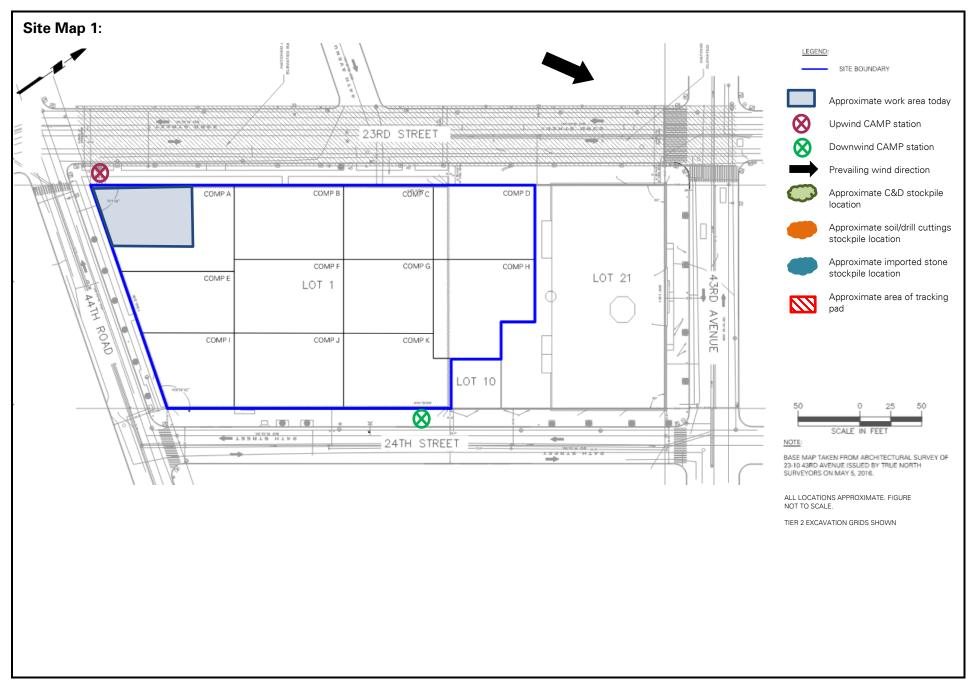
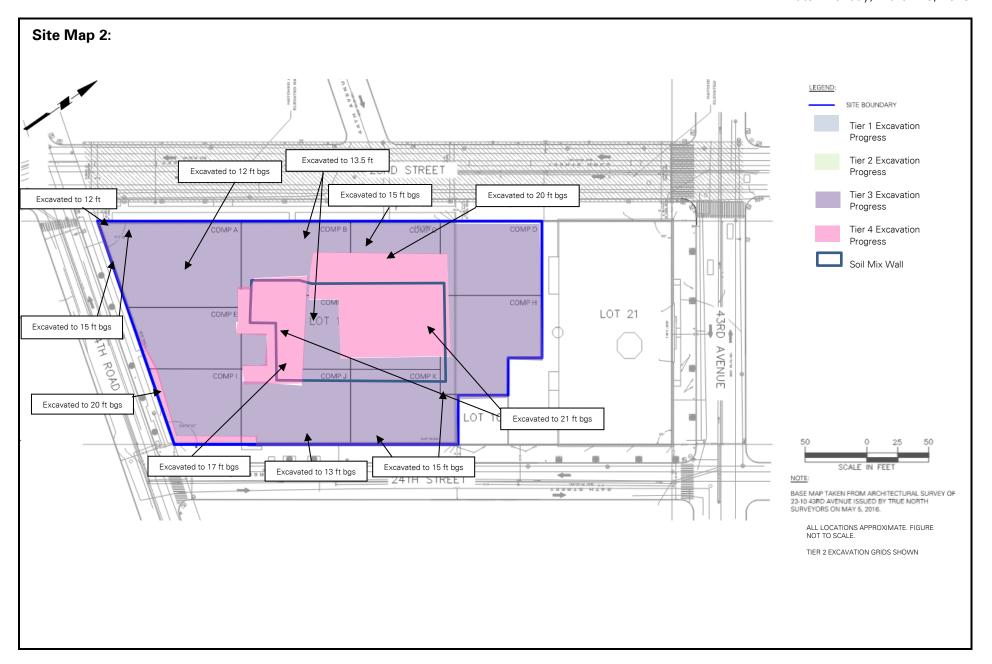


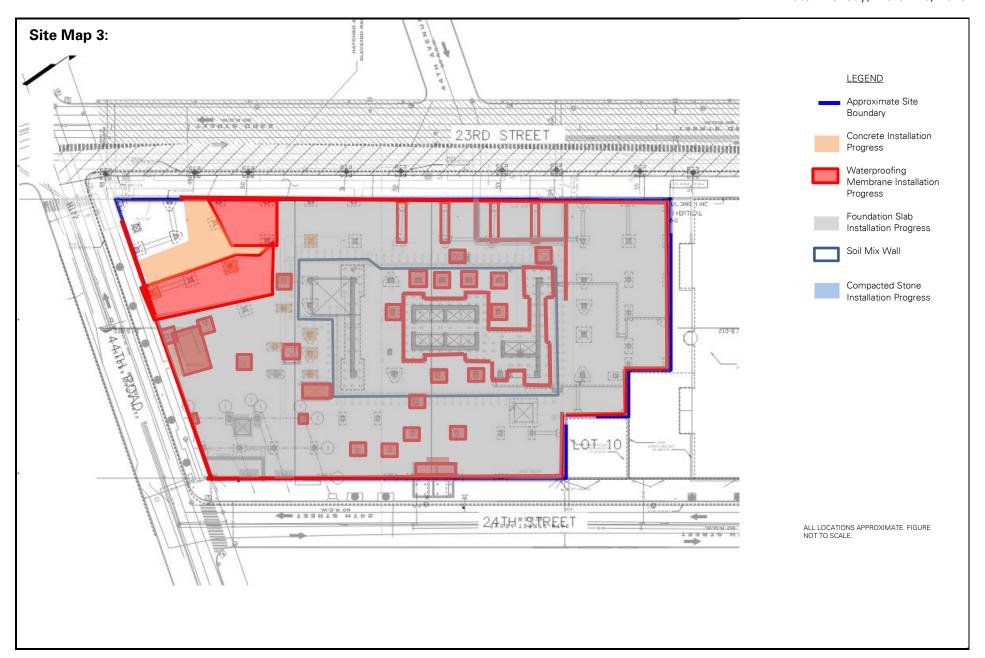
Photo 4: ECD compacting material and installing waterproofing in WCG COMP A (facing southeast).



SITE OBSERVATION REPORT - RAWP Day 241









LANGAN SITE OBSERVATION REPORT – RAWP Day 242

PROJECT No.: **CLIENT:** DATE: 170362702 Tuesday, March 21, 2023

Sunny; 36 - 62°F, PROJECT: WEATHER: 23-15 44th Road

Wind: WSW @ 1.2 - 6.7 mph CP VIII LIC Owner,

LOCATION: Long Island City, New York TIME: 6:45 a.m. - 6:00 p.m. LLC

BCP SITE ID: C241189 MONITOR: Caroline Devin

EQUIPMENT: PRESENT AT SITE:

Langan: Caroline Devin 1 CAT 355F Excavator

BobCat E32i Excavator East Coast Drilling (ECD): Mike Brosnan

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 installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically for foundation walls, slab, and pile caps in Waste Characterization Grids (WCG) COMP A and E in the southwestern part of the site.
- ECD poured concrete for the foundation wall in WCGs COMP A and E on the western side of the
- ECD used a BobCat E32i excavator to excavate an area about 6 feet long by 4 feet wide by 3 feet deep (corresponding to a depth of 15 feet bfsg) in WCG COMP A for pile cap installation in the southern part of the site. Excavated material was temporarily stockpiled adjacent to the excavation in WCG COMP A and replaced upon completion of work.
- ECD used a BobCat E32i excavator to grade an area about 25 feet long by 20 feet wide in WCG COMP A in the southwestern part of the site.
- ECD used a vibratory plate compactor to compact an area about 35 feet long by 30 feet wide prior to mat slab installation.

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		ASTM #57 Stone		
Facility/Material	Braen of Sparta Braen Aggregates, LLC Stone Industries, Inc.		Braen Aggregates, Stone Industries,		rta 33 3 4 7		Tilcon New York, Inc. – Mt Hope Quarry			
	Lafa	yette, NJ	Franklin, NJ		Haledon, NJ		Wharton, NJ			
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)		
Today	0	0	0	0	0	0	0	0		
Total	9	221.94	20	490.34	12	302.46	55	1,362.74		
DEC Approved Amount	48	0 Tons*	960 Tons*		480 Tons*		1,600 Tons*			

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen	of Sparta	Braen	Aggregates, LLC	Stone Industries, Inc.		
	Lafayette, NJ		Fra	nklin, NJ	Haledon, NJ		
	No. Loads	Quantity (tons)	No. Quantity Loads (tons)		No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0	0	0	0	1	24.3	
DEC Approved Amount	1,60	00 Tons*	1,600 Tons*		1,600 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	54					
Hazardous Soil/Fill	Quantity (CY)	0	1,080					
Bayshore Soil Management	No. Loads	0	287					
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740					
Middlesex County Utilities Authority Landfill	No. Loads	0	1,378					
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	27,560					
Clean Earth of North Jersey	No. Loads	0	96					
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920					
P Park NJ LLC	No. Loads	0	43					
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860					

Samples Collected

• None

Community Air Monitoring Plan (CAMP) Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one unwind), 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 installing waterproofing and pouring concrete in the southern part of the site.

SITE PHOTOGRAPHS:

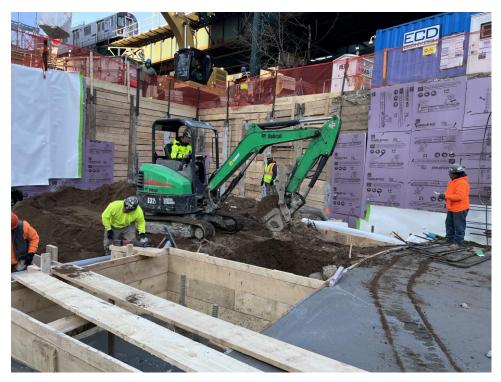


Photo 1: ECD excavating around a pile cap in WCG COMP A (facing southwest).

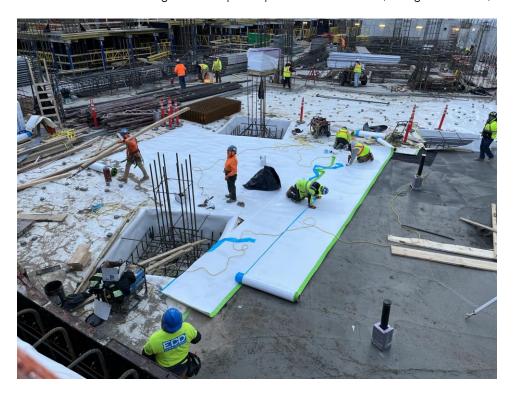


Photo 2: ECD installing waterproofing in WCG COMP A (facing northeast).

SITE PHOTOGRAPHS CONTINUED:



Photo 3: ECD compacting material in WCG COMP A (facing east).

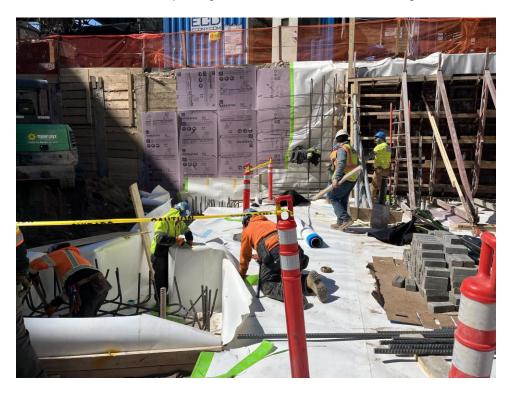
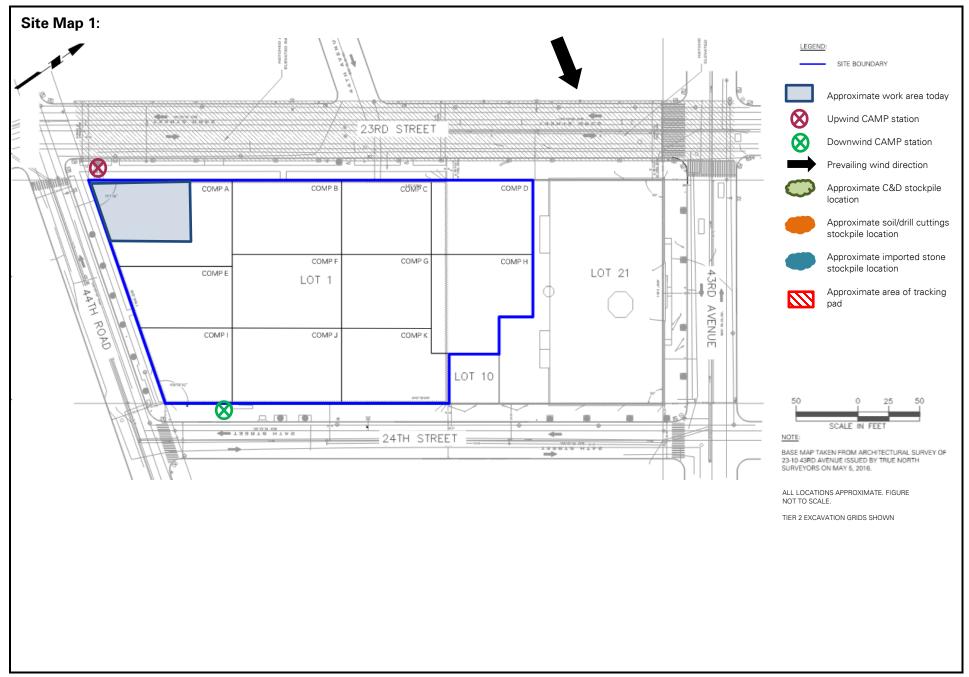
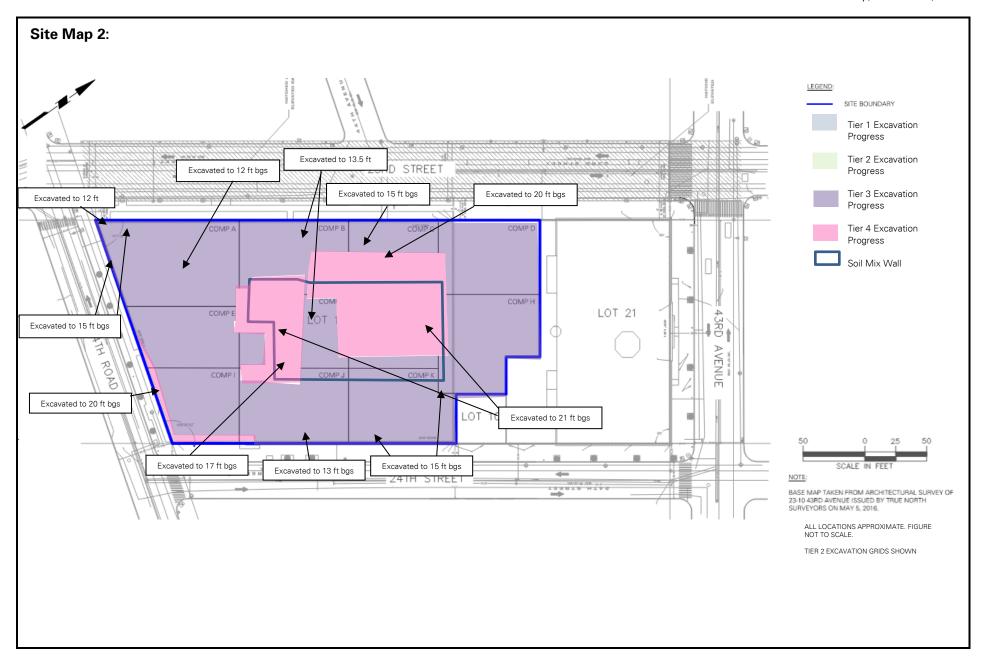


Photo 4: ECD installing waterproofing and formwork in WCG COMP A (facing west).



SITE OBSERVATION REPORT - RAWP Day 242









LANGAN SITE OBSERVATION REPORT – RAWP Day 243

PROJECT No.: CLIENT: DATE: 170362702 Wednesday, March 22, 2023

Sunny; 48 - 58°F, WEATHER: PROJECT: 23-15 44th Road

Wind: SSW @ 3 - 7mph CP VIII LIC Owner, LOCATION: TIME: Long Island City, New York 6:45 a.m. - 3:45 p.m.

LLC MONITOR: Caroline Devin **BCP SITE ID:** C241189

EQUIPMENT: PRESENT AT SITE:

1 CAT 355F Excavator Langan: Caroline Devin

BobCat E32i Excavator East Coast Drilling (ECD): Mike Brosnan

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 installed GCP Preprufe vapor barrier and GCP Bituthene liquid membrane horizontally and vertically for foundation walls, slab, and pile caps in Waste Characterization Grids (WCG) COMP A and E in the southwestern part of the site.
- ECD poured concrete for the foundation wall in WCGs COMP A and E on the western side of the 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		ASTM #57 Stone	
Facility/Material	Braen of Sparta				Inc. –	New York, Mt Hope uarry			
	Lafa	yette, NJ	Franklin, NJ		Haledon, NJ		Wharton, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	0	0	
Total	9	221.94	20	20 490.34		302.46	55	1,362.74	
DEC Approved Amount	480	0 Tons*	960 Tons*		480 Tons*		1,600 Tons*		

Facility/Material	ASTM #57 Stone		ASTM #57 Stone		ASTM #57 Stone	
	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	0	0	0	0	1	24.3
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 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).

Langan PN: 170362702 Date: Wednesday, March 22, 2023

• No material was exported from the site.

Soil/Fill Export Summary					
Facility	Exported	Today	Total		
Cycle Chem, Inc. Elizabeth, NJ	No. Loads	0	54		
Hazardous Soil/Fill	Quantity (CY)	0	1,080		
Bayshore Soil Management	No. Loads	0	287		
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740		
Middlesex County Utilities Authority Landfill	No. Loads	0	1,378		
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	27,560		
Clean Earth of North Jersey	No. Loads	0	96		
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920		
P Park NJ LLC	No. Loads	0	43		
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860		

Langan PN: 170362702 Date: Wednesday, March 22, 2023

Samples Collected

None

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.
- All soil is now covered with either concrete slab or vapor barrier/waterproofing. As such, CAMP has been demobilized.

Anticipated Activities.

- Remedial excavation at the site is complete.
- ECD will continue to pour concrete for foundation slab.
- ECD will continue to construct above-grade building elements.

SITE PHOTOGRAPHS:

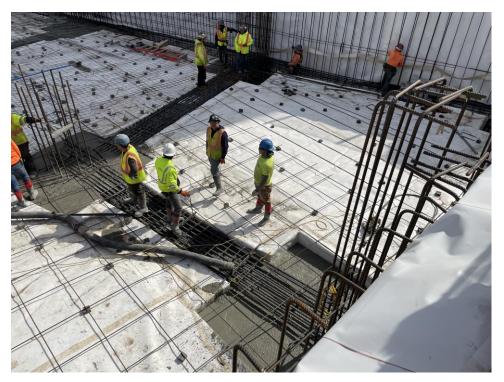


Photo 1: ECD pouring concrete for a pile cap in WCG COMP A (facing southeast).

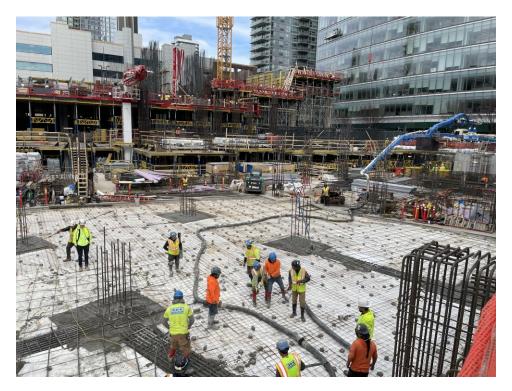
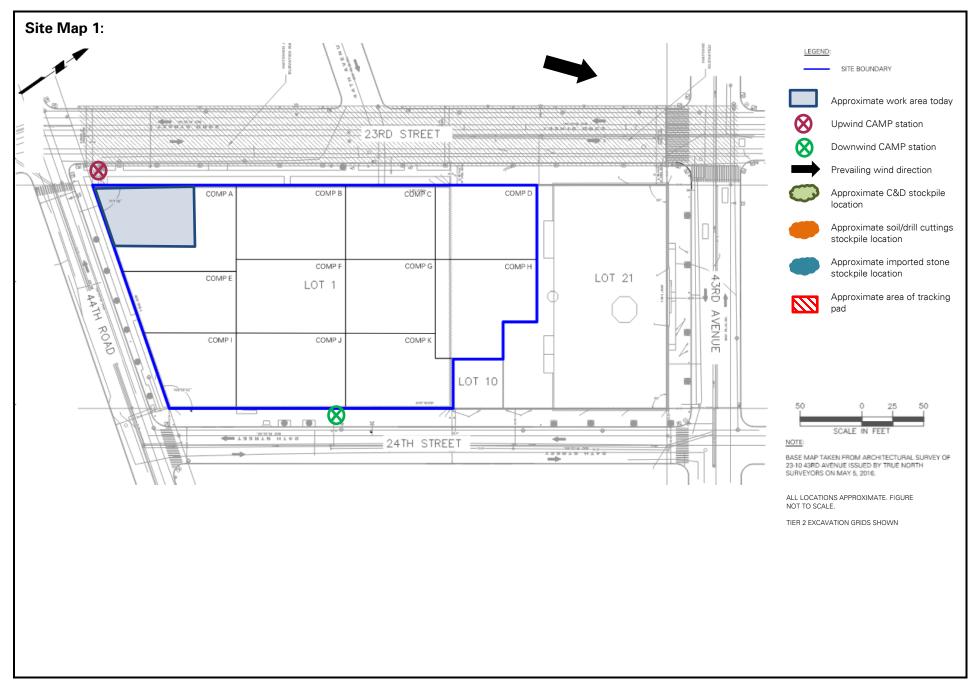
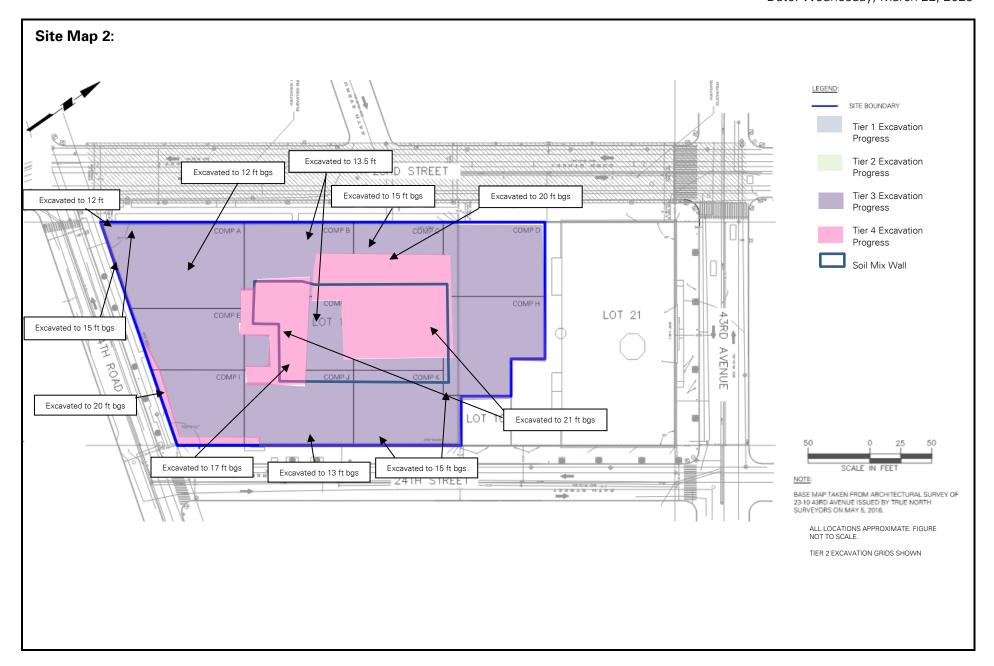


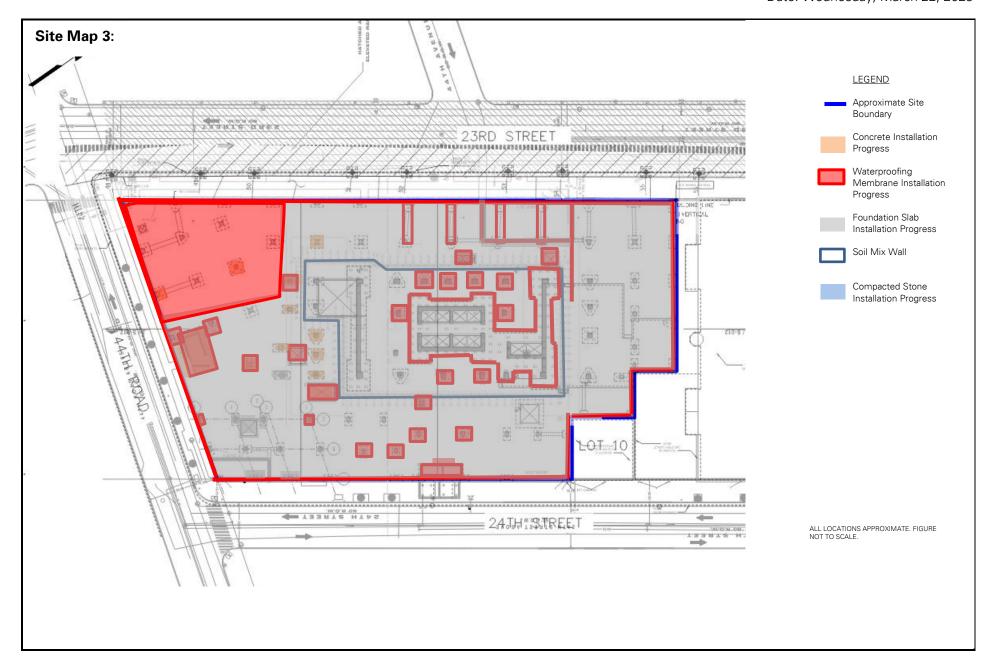
Photo 2: General view of site (facing northeast).



SITE OBSERVATION REPORT - RAWP Day 243









LANGAN SITE OBSERVATION REPORT – RAWP Day 244

PROJECT No.: **CLIENT:** 170362702

DATE: Tuesday March 28, 2023

PROJECT: 23-15 44th Road

Cloudy; 46 - 28°F, **WEATHER:** Wind: SSW @ 3 - 7mph

LOCATION: Long Island City, New York TIME: 7:00 a.m. - 5:00 p.m.

BCP SITE ID: C241189

MONITOR: Sophia Misiakiewicz

EQUIPMENT:

PRESENT AT SITE:

1 CAT 355F Excavator BobCat E32i Excavator Langan: Sophia Misiakiewicz

East Coast Drilling (ECD): Mike Brosnan

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).

CP VIII LIC Owner,

LLC

Site Activities

ECD imported 6 truckloads of ASTM #57 stone from Mt. Hope Quarry - Tilcon New York Inc. in Wharton, New Jersey. Imported material was stockpiled in waste characterization grid (WCG) COMP A and used to backfill around piping in WCGs COMP C and G.

Material Tracking

• EDC imported 6 loads (approximately 147.49 tons) of ASTM #57 stone from Tilcon New York, Inc-Mt Hope Quarry in Wharton, NJ.

Import Summary								
	2"- 4" Tracking Pad Stone		2″– 4″ Tracking Pad Stone		2″– 4″ Tracking Pad Stone		ASTM #57 Stone	
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.			New York, Inc. – Hope Quarry
	Lafay	ette, NJ	J Franklin, NJ Halo		Haledon, NJ		Wharton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	6	147.49
Total	9	221.94	20	490.34	12	302.46	61	1,511.21
DEC Approved Amount	480 Tons*		960 Tons*		480 Tons*		1,600 Tons*	

	ASTM	#57 Stone	ASTM	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen of Sparta Lafayette, NJ		Braen	Aggregates, LLC	Stone Industries, Inc.		
			Franklin, NJ		Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0 0		0	0	1	24.3	
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 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	54		
Hazardous Soil/Fill	Quantity (CY)	0	1,080		
Bayshore Soil Management	No. Loads	0	287		
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740		
Middlesex County Utilities Authority Landfill	No. Loads	0	1,378		
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	27,560		
Clean Earth of North Jersey	No. Loads	0	96		
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920		
P Park NJ LLC	No. Loads	0	43		
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860		

Sampl	es Collected
•	None
Anticip	ated Activities.
•	Remedial excavation at the site is complete. ECD will continue to pour concrete for foundation slab. ECD will continue to construct above-grade building elements.

SITE PHOTOGRAPHS:



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

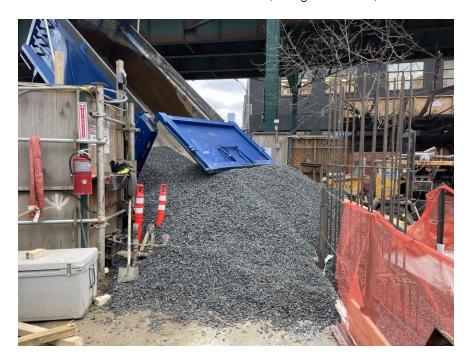
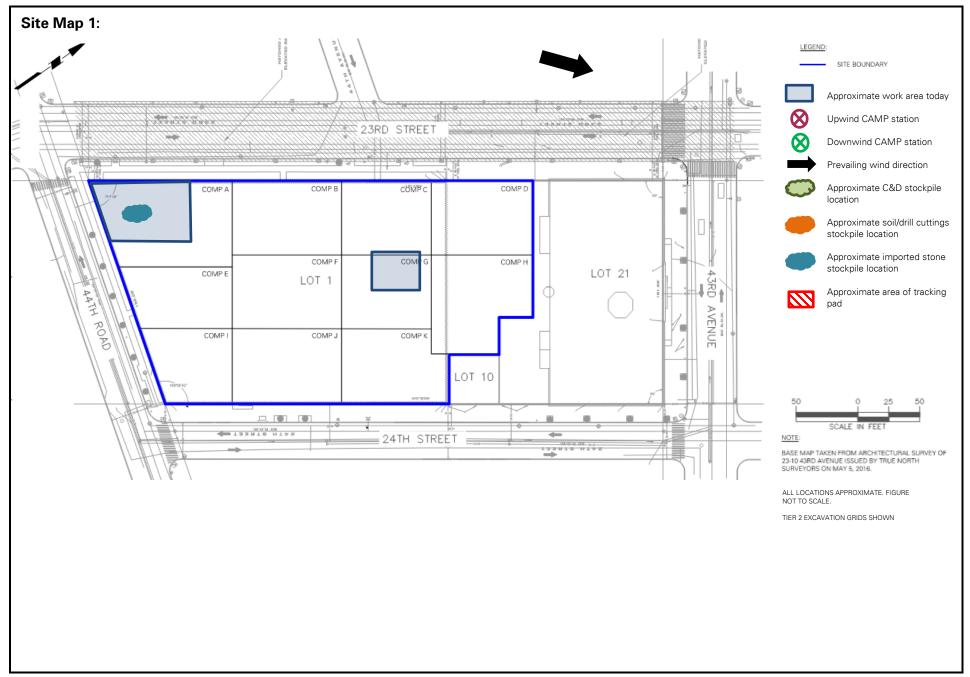
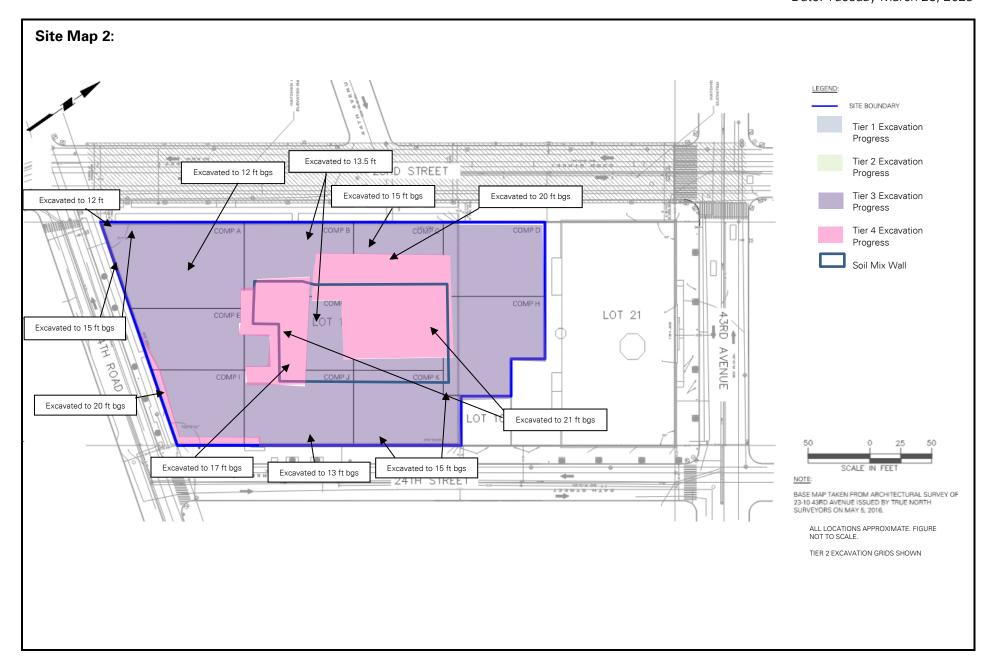


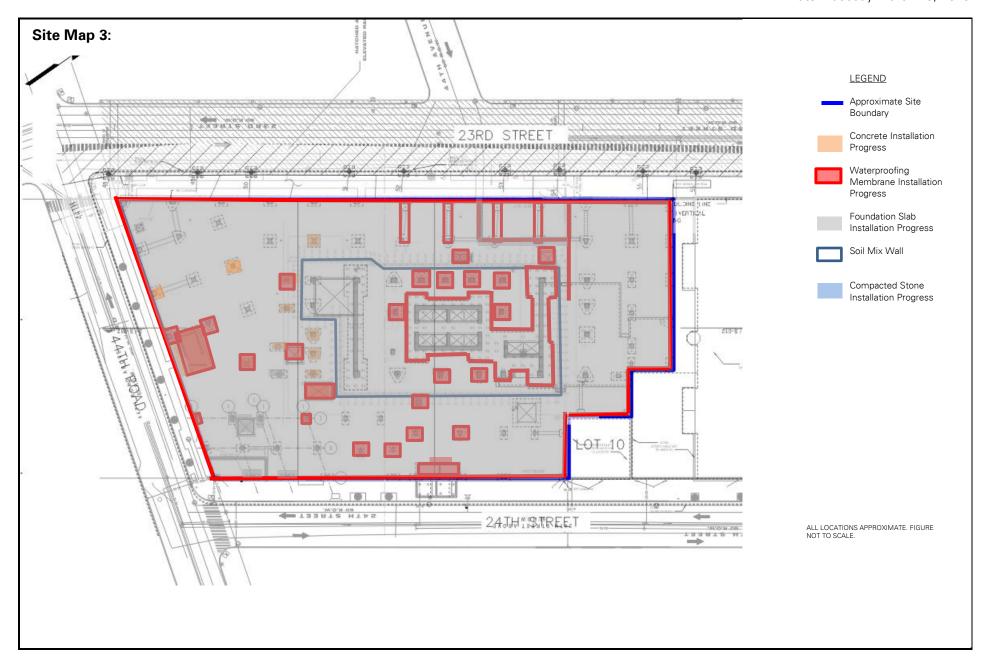
Photo 2: ECD stockpiling imported 0.75-inch stone in COMP A (facing northeast).



SITE OBSERVATION REPORT - RAWP Day 244









LANGAN SITE OBSERVATION REPORT – RAWP Day 245

PROJECT No.: **CLIENT:** DATE: 170362702 Tuesday March 29, 2023

Cloudy; 40 - 53°F, **WEATHER:** PROJECT: 23-15 44th Road

LLC

Wind: NNE @ 0 – 12 mph CP VIII LIC Owner, LOCATION: TIME: Long Island City, New York 6:30 a.m. - 12:30 p.m.

MONITOR: **BCP SITE ID:** C241189 Sean Mullin

EQUIPMENT: PRESENT AT SITE: 1 CAT 355F Excavator Langan: Sean Mullin

BobCat E32i Excavator East Coast Drilling (ECD): Mike Brosnan 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 imported 3 truckloads of ASTM #57 stone from Mt. Hope Quarry - Tilcon New York Inc. in Wharton, New Jersey. Imported material was stockpiled in waste characterization grid (WCG) COMP A and used to backfill around piping in WCGs COMP C and G.

Material Tracking

• EDC imported 3 loads (approximately 75.72 tons) of ASTM #57 stone from Tilcon New York, Inc-Mt Hope Quarry in Wharton, NJ.

Import Summary								
	2"- 4" Tracking Pad Stone		2″– 4″ Tracking Pad Stone		2″– 4″ Tracking Pad Stone		ASTM #57 Stone	
Facility/Material	Braen of Sparta		Braen Aggregates, LLC		Stone Industries, Inc.			New York, Inc. – Hope Quarry
	Lafay	ette, NJ	Franklin, NJ Haledon, NJ		don, NJ	W	/harton, NJ	
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)
Today	0	0	0	0	0	0	3	75.72
Total	9	221.94	20	490.34	12	302.46	64	1,586.93
DEC Approved Amount	480	Tons*	960	Tons*	480	Tons*	1	,600 Tons*

	ASTM	#57 Stone	ASTN	/I #57 Stone	ASTM #57 Stone		
Facility/Material	Braen of Sparta Lafayette, NJ		Braen	Aggregates, LLC	Stone Industries, Inc.		
			Franklin, NJ		Haledon, NJ		
	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	No. Loads	Quantity (tons)	
Today	0	0	0	0	0	0	
Total	0 0		0	0	1	24.3	
DEC Approved Amount	1,600 Tons*		1,600 Tons*		1,600 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	54		
Hazardous Soil/Fill	Quantity (CY)	0	1,080		
Bayshore Soil Management	No. Loads	0	287		
Keasbey, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	5,740		
Middlesex County Utilities Authority Landfill	No. Loads	0	1,378		
East Brunswick, NJ Non-Hazardous Soil/Fill	Quantity (CY)	0	27,560		
Clean Earth of North Jersey	No. Loads	0	96		
Kearny, NJ Hazardous Soil/Fill	Quantity (CY)	0	1,920		
P Park NJ LLC	No. Loads	0	43		
Prospect Park NJ NJ Residential/Non-Hazardous Soil/Fill	Quantity (CY)	0	860		

Samples Collected
• None
Anticipated Activities
 Remedial excavation at the site is complete. ECD will continue to pour concrete for foundation slab. ECD will continue to construct above-grade building elements.

SITE PHOTOGRAPHS:

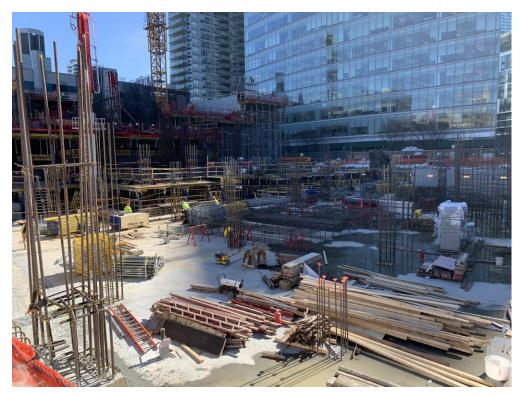


Photo 1: General site view (facing south).

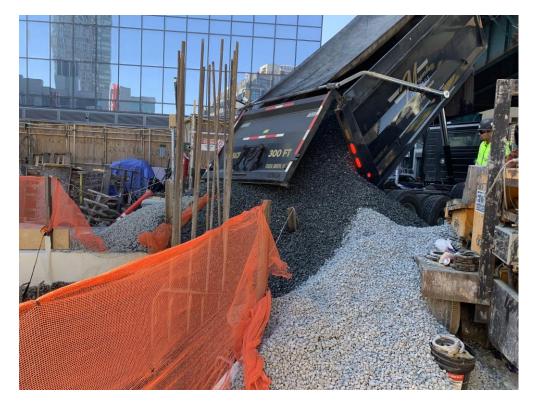


Photo 2: View of ECD stockpiling imported 0.75-inch stone in COMP A (facing northeast).



SITE OBSERVATION REPORT - RAWP Day 245

