

DAILY FIELD REPORT 024

Prepared By: LANGAN

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Sunny	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	X

BCP Project No:	C231153	Date:	July 10, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:30 am to 3:30 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

Construction Manager: Consigli Construction Co., Inc. (Consigli)

Foundation Contractor: Urban Foundation/Engineering (Urban)

Langan Field Personnel:

Padmanabhan Krishnaswamy
(Environmental)

Xianglei Zheng (Geotechnical)

Work Activities Performed:

- Urban excavated an about 15-foot-long by 15-foot-wide area and an about 10-foot-long by 5-foot-wide area to about 8 feet below grade surface (bgs) in the central part of waste characterization grids WC03_0-5 and WC03_5-10 to prepare for the installation of caisson casings. Excavated soil/fill was stockpiled on and covered with polyethylene sheeting in the southern part of waste characterization grid WC02.
- Urban excavated an about 13-foot-long by 8-foot-wide area to about 8 feet bgs in the northwestern part of waste characterization grids WC02_0-5 and WC02_5-10 to prepare for the installation of soil mix columns. Excavated soil/fill was temporarily stockpiled adjacent to the excavation prior to being replaced into a portion of the excavation area. The remaining soil/fill was stockpiled in the central part of waste characterization grid WC02 and covered with polyethylene sheet, pending off-site disposal.
- Urban graded an about 100-foot-long by 50-foot-wide area of soil/fill in the northern and central part of the site (waste characterization grids WC02 and WC03) to prepare for equipment mobilization.
- All excavated and graded soil/fill consisted of non-native soil; odors, staining, elevated photoionization detector (PID) readings, or other evidence of a petroleum or chemical release were not observed.
- Urban installed four, about 58-inch-diameter, soil-mix columns using a Bauer BG 28H drilling rig in the northern part of the site.
- Urban continued drilling rock sockets for two caissons using a Double L drilling rig in the eastern part of the site.

Material Tracking:

- The following soil/fill was exported from the site:
 - 2 loads of concrete from within the former underground storage tank (UST) to Dale Transfer Corp., in West Babylon, NY.
- No material was imported to the site.

Materials Export Summary								
Facility Name	Bayshore Soil Management, LLC		Clean Earth of Carteret, LLC		PPark NJ		Faztec Solutions	
Location	Keasbey, NJ		Carteret, NJ		Prospect Park, NJ		Staten Island, NY	
Type of Waste	Non-hazardous Soil		Non-hazardous Soil		Non-hazardous Soil		C&D	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
		0	-	3	60	0	-	0
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approximate Volume (CY)
	22	440	20	400	0	-	14	280

Materials Export Summary		
Facility Name	Dale Transfer Corp.	
Location	West Babylon, NY	
Type of Waste	Concrete	
Today	Number of Loads	Approx. Volume (CY)
		2
Total	Number of Loads	Approx. Volume (CY)
	2	40

Samples Collected:

- No samples were collected.

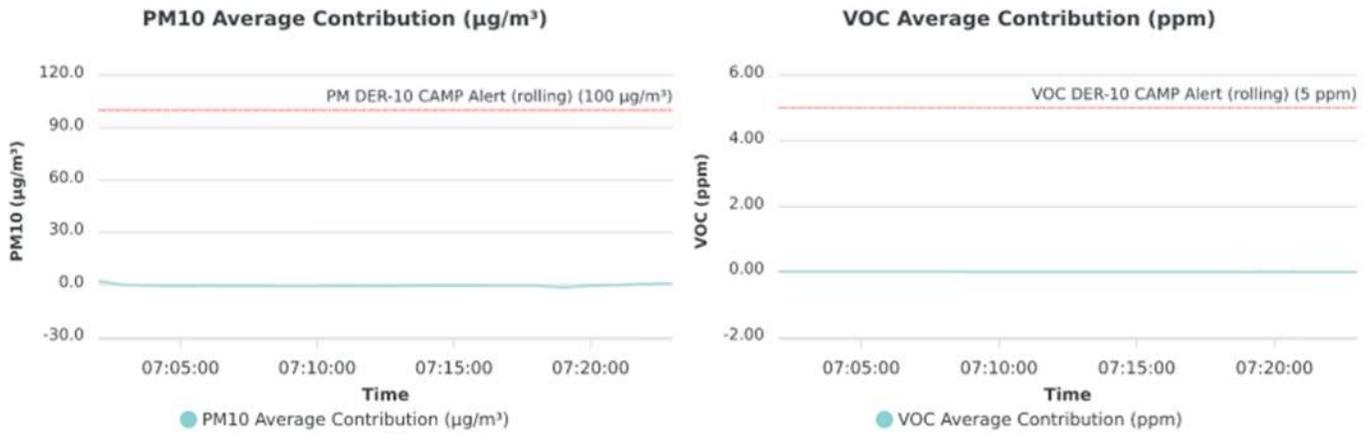
Air Monitoring:

The 15-minute average site contributions for particulates and volatile organic compounds (VOCs) are calculated by subtracting the upwind readings from the downwind readings. A true action level exceedance is realized when this net result exceeds 100 µg/m³ for particulates and 5 ppm for organic vapors. No particulates (PM10) or organic vapors exceeded the 15-minute average site contribution action levels of 100 µg/m³ and 5 ppm, respectively, on this day. Data was not collected after 7:20 AM at CAMP station 1 due to an equipment error.

Particulate Monitoring (µg/m ³)		Organic Vapor Monitoring (ppm)	
Daily Background	3.5	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-1.5	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	2.1	VOC Average Site Contribution (Maximum)	0.00

µg/m³: micrograms per cubic meter.

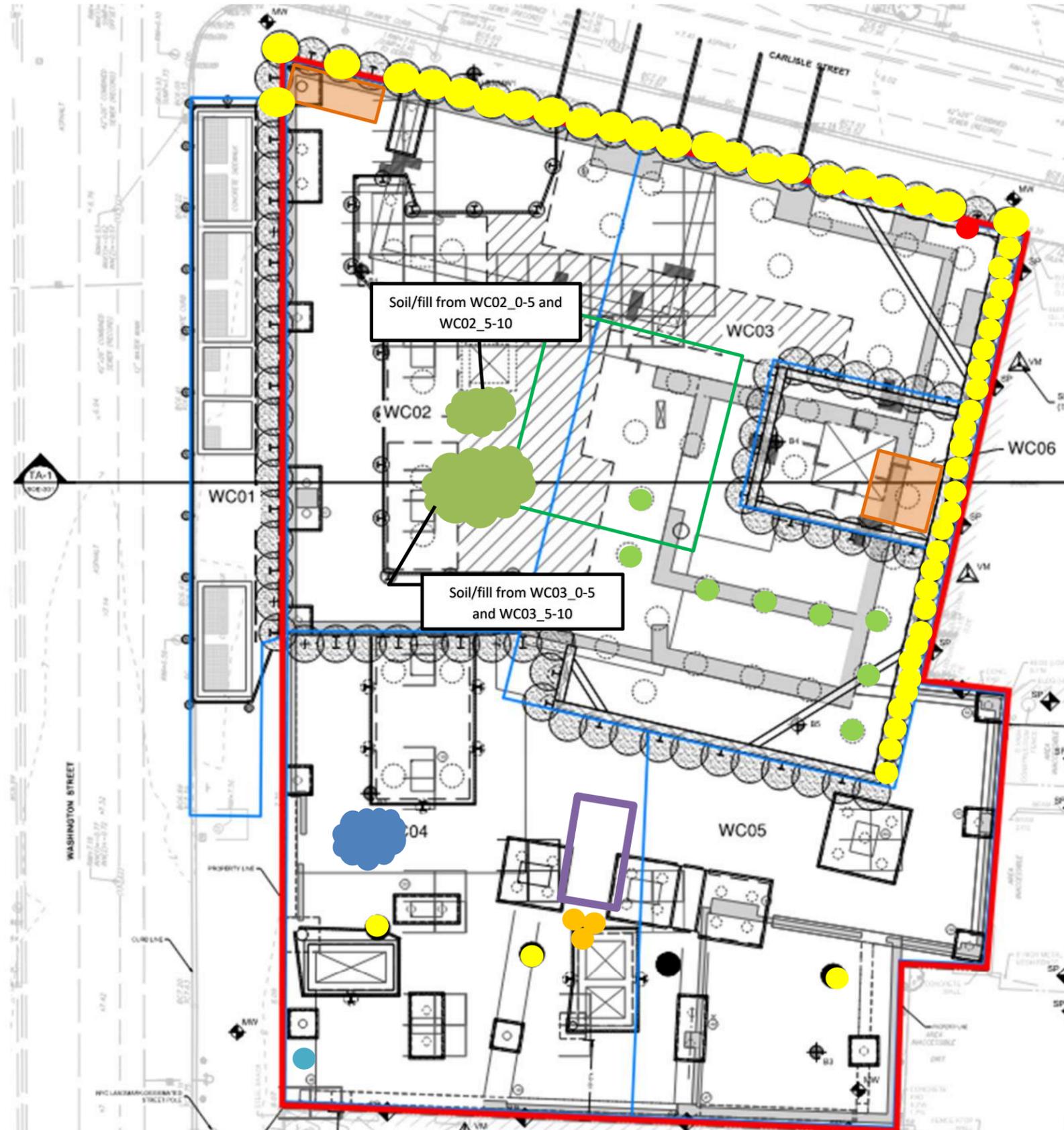
ppm: parts per million.



Planned Activities:

- Urban will export soil/fill and concrete.
- Urban will continue installing soil-mix columns throughout the site.
- Urban will continue installing caisson casings throughout the site.

SITE PLAN



- Site Boundary**
- Waste Characterization Grid Boundary**
- **CAMP station 1**
- **CAMP station 2**
- **Stockpile – Soil (no impacts)**
- **Stockpile – C&D**
- Approximate Location of Excavation**
- Approximate Area of Grading**
- Approximate Backfill Location**
- **Completed Soil-Mix Column**
- **Completed Caisson Casing**
- **Completed Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil**
- Approximate Location of the UST**

Note: Waste characterization grid areas were developed by PT Consultants and Urban and is shown on this site plan for reference only.

Photo Log

Photo 1: Urban stockpiling soil/fill excavated from WC03 on polyethylene sheeting in the southern part of WC02 (facing northeast).



Photo 2: Urban loading a truck with concrete for off-site disposal (facing north).



Photo 3: View of CAMP Station 1 in the northeastern part of the site (facing east).



Photo 4: View of CAMP Station 2 in the southwestern part of the site (facing west).

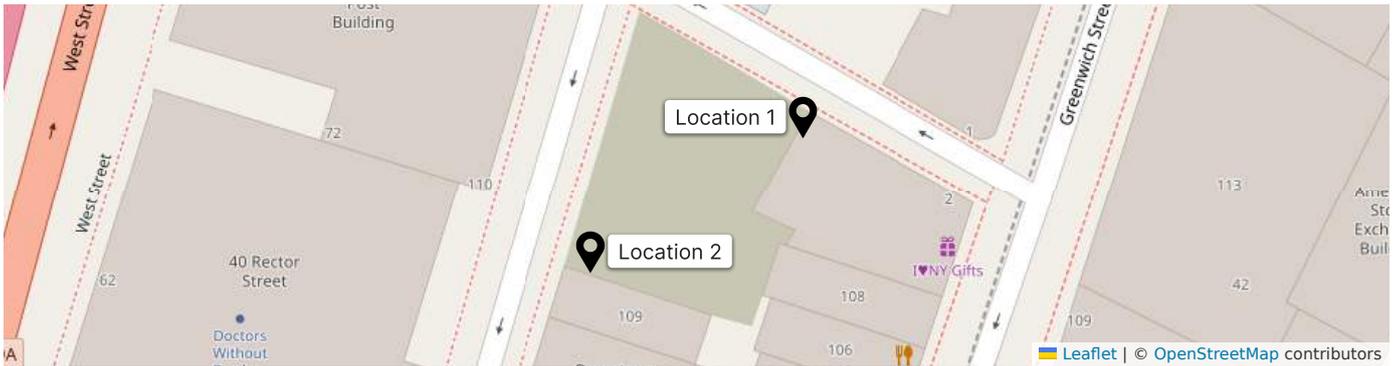


Photo 5: View of the entrance/exit of the site at the corner of Washington and Carlisle Street at the end of the work day (facing southeast).



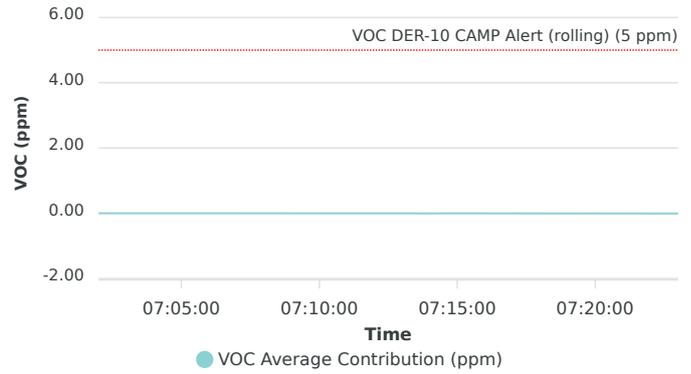
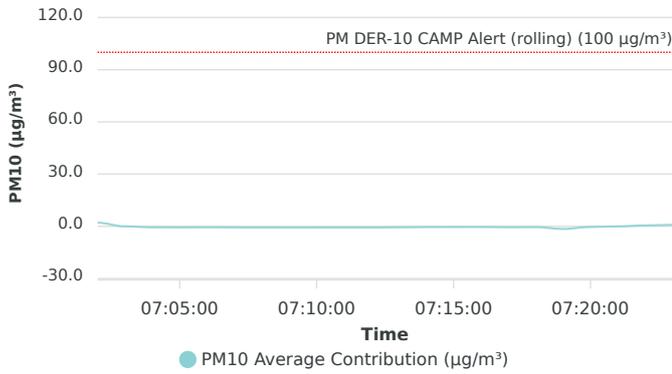
LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	7/10/2023 00:00
		To:	7/10/2023 22:00
		PM10 Action Level:	100 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5 ppm		

Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
7/10/2023	0.6-2	SSW

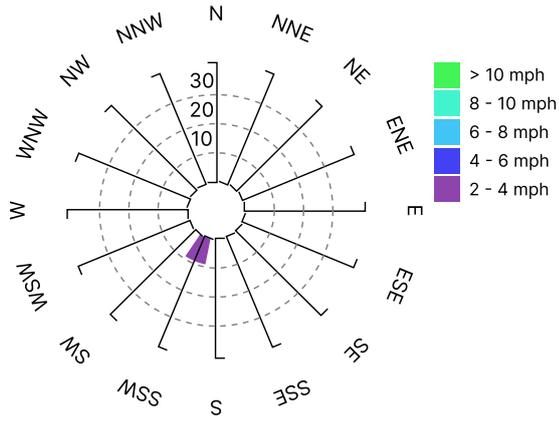


PM10 Average Contribution ($\mu\text{g}/\text{m}^3$)

VOC Average Contribution (ppm)



Contribution wind rose (mph)



Date/Time	Average Upwind PM10 (µg/m³)	Average Downwind PM10 (µg/m³)	Average Contribution PM10 (µg/m³)	Average Upwind VOC (ppm)	Average Downwind VOC (ppm)	Average Contribution VOC (ppm)	Wind Speed 15 min Avg	Wind Direction
7/10/2023 07:02:00	3.5	5.6	2.0	0.00	0.00	0.00	1.2	ESE
7/10/2023 07:03:00	4.4	4.4	-0.1	0.00	0.00	0.00	1.6	SSW
7/10/2023 07:04:00	4.6	4.0	-0.6	0.00	0.00	0.00	1.6	S
7/10/2023 07:05:00	4.6	4.0	-0.6	0.00	0.00	0.00	1.7	SSW
7/10/2023 07:06:00	4.9	4.4	-0.6	0.00	0.00	0.00	1.7	SSW
7/10/2023 07:07:00	4.9	4.2	-0.7	0.00	0.00	0.00	1.8	SSW
7/10/2023 07:08:00	4.8	4.1	-0.7	0.00	0.00	0.00	1.8	SW
7/10/2023 07:09:00	4.7	3.9	-0.7	0.00	0.00	0.00	1.8	SSW
7/10/2023 07:10:00	4.6	3.9	-0.7	0.00	0.00	0.00	1.7	SSW
7/10/2023 07:11:00	4.5	3.8	-0.7	0.00	0.00	0.00	1.6	SSW
7/10/2023 07:12:00	4.5	3.8	-0.7	0.00	0.00	0.00	1.5	NW
7/10/2023 07:13:00	4.5	3.9	-0.6	0.00	0.00	0.00	1.5	SSW
7/10/2023 07:14:00	4.4	3.9	-0.5	0.00	0.00	-0.01	1.5	SW
7/10/2023 07:15:00	4.4	3.9	-0.4	0.00	0.00	0.00	1.5	N
7/10/2023 07:16:00	4.3	3.9	-0.4	0.01	0.00	0.00	1.4	WSW
7/10/2023 07:17:00	4.3	3.7	-0.6	0.01	0.00	-0.01	1.4	SW
7/10/2023 07:18:00	4.2	3.7	-0.5	0.01	0.00	-0.01	1.3	SW
7/10/2023 07:19:00	5.2	3.6	-1.5	0.01	0.00	-0.01	1.3	W
7/10/2023 07:20:00	5.2	4.8	-0.4	0.01	0.00	-0.01	1.2	SSE
7/10/2023 07:21:00	5.2	5.1	0.0	0.01	0.00	-0.01	1.2	SW
7/10/2023 07:22:00	5.2	5.7	0.5	0.01	0.00	-0.01	1.1	S
7/10/2023 07:23:00	5.2	6.1	0.9	0.01	0.00	-0.01	1.0	SW