

DAILY FIELD REPORT 281

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	October 22, 2024
Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	8:00 am to 2:45 pm
Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)		Langan Field Personnel: Pepper Greenley (Environmental) Lilah Willis (Environmental)	
Construction Manager: Consigli Construction Co., Inc. (Consigli)			

Work Activities Performed:

- Langan gauged and screened the headspace of post-remediation groundwater monitoring wells LMW-01, LMW-02, and LMW-03 with a photoionization detector (PID). Langan used a peristaltic pump to collect post-remediation groundwater samples in accordance with the United States Environmental Protection Agency (USEPA) low-flow groundwater sampling procedure.
 - **LMW-01:** Groundwater was measured at about 12.10 feet below the top of the well casing (bTOC). A PID reading of 0.0 parts per million (ppm) was measured in the headspace of the monitoring well and in the purged groundwater.
 - **LMW-02:** Groundwater was measured at about 11.86 feet bTOC. A PID reading of 579.6 ppm was measured in the headspace of the monitoring well and 1.0 ppm in the purged groundwater. An organic-like odor was identified in the purged groundwater.
 - **LMW-03:** Groundwater was measured at about 12.15 feet bTOC. A PID reading of 0.3 ppm was measured in the headspace of the monitoring well and 0.0 ppm in the purged groundwater.
- Purged groundwater was containerized in a United Nations (UN)/Department of Transportation (DOT)-approved, 55-gallon drum and temporarily staged along the southern site boundary for future off-site disposal.

Material Tracking:

- No soil/fill was exported from the site.
- 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	-	0	-	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)
	139	2,780	338	6,760	0	-	17	340

Materials Export Summary		
Facility Name	Dale Transfer Corp.	
Location	West Babylon, NY	
Type of Waste	Concrete	
Today	Number of Loads	Approx. Volume (CY)
	0	-
Total	Number of Loads	Approx. Volume (CY)
	2	40

Materials Import Summary								
Facility Name	Greenpoint Quarry / North Shore Terminal		Tilcon Clinton Point Quarry / Pier J – Brooklyn Navy Yard		Stavola Bound Brook / North Shore Terminal		North American Aggregate Mining Operations	
Location	Staten Island, NY		Brooklyn, NY		Staten Island, NY		Perth Amboy, NJ	
Type of Material	ASTM #57 0.75-inch Stone		ASTM #57 0.75-inch Stone		ASTM #2 2.5-inch Stone		Pipe Sand Backfill	
Today	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	0	-	0	-	0	-	0	-
Total	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)	Number of Loads	Approx. Volume (CY)
	6	120	3	51	3	60	34	578
Approved Quantity	-	500	-	500	-	200	-	600

Samples Collected:

- Groundwater samples were collected and relinquished to Pace Analytical Laboratories, Inc., a New York State Department of Environmental Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in Westborough, MA for analyses proposed in the RAWP.
- The following samples were submitted for Part 375/Target Compound List (TCL) volatile organic compounds (VOC) and semivolatile organic compounds (SVOC) (total and dissolved):
 - LMW01_102224
 - LMW02_102224
 - LMW03_102224
- The following quality assurance/quality control (QA/QC) samples were collected:
 - 1 duplicate sample (DUP01_102224) was collected and submitted for analysis of VOCs and SVOCs (total and dissolved)
 - 1 trip blank sample (TB02_102224) was submitted for analysis of VOCs

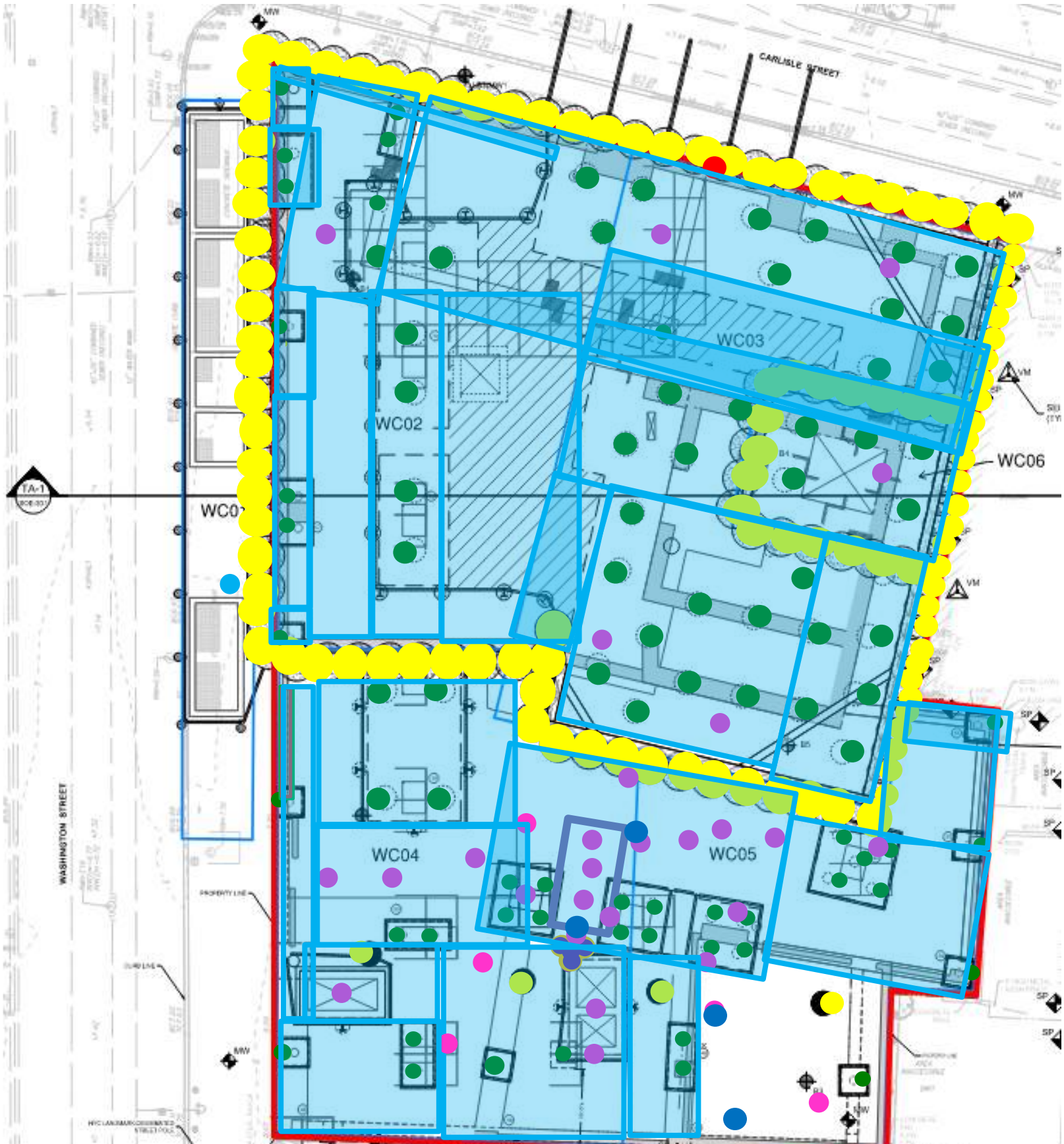
Air Monitoring:

- Air monitoring was not performed due to the lack of the ground-intrusive activities.

Planned Activities:

- Langan will conduct the second round of post-remediation groundwater sampling the week of November 18, 2024.

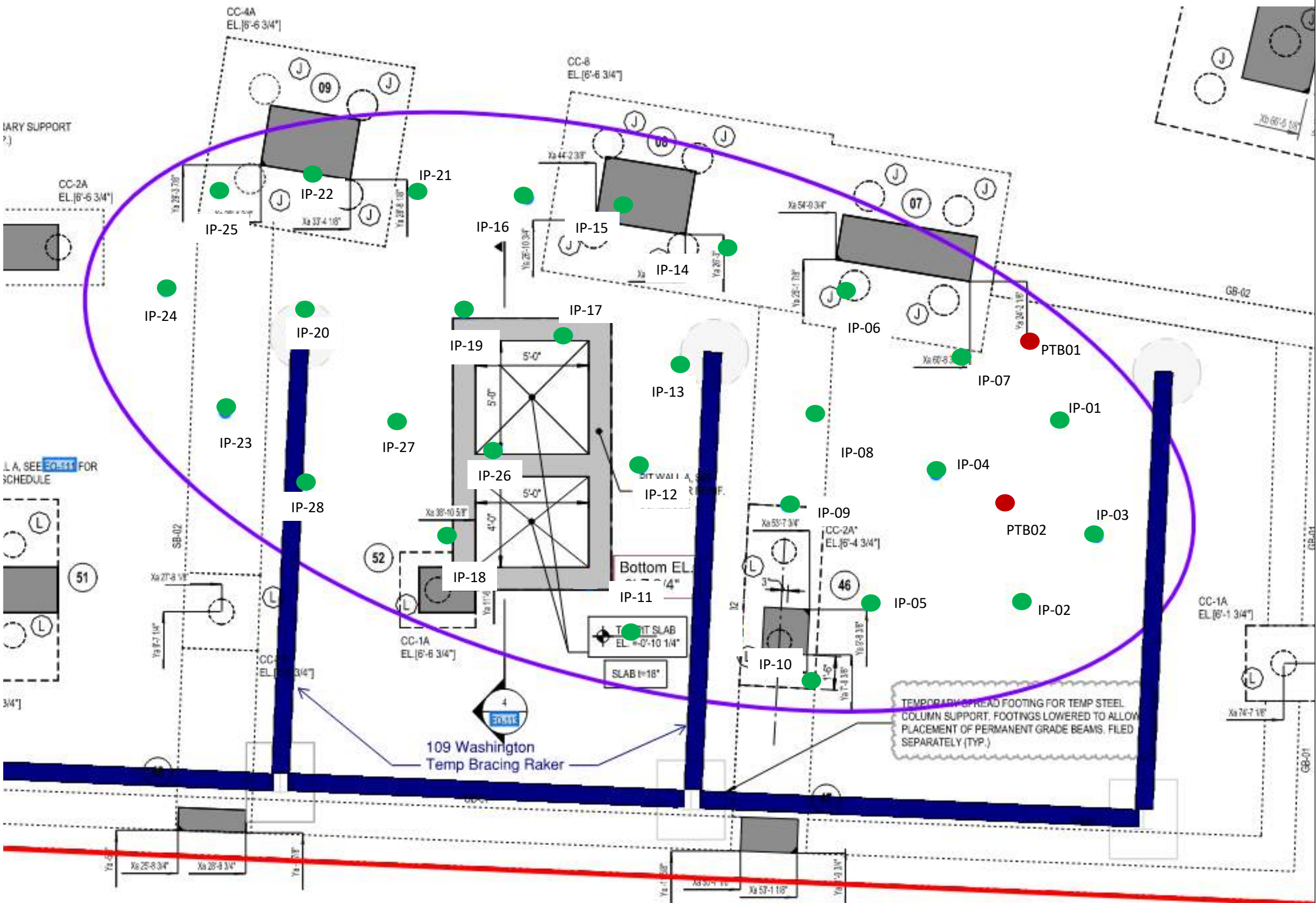
SITE PLAN



- Site Boundary
- Waste Characterization Grid Boundary
- CAMP station 1
- CAMP station 2
- Stockpile – Soil (no impacts)
- Stockpile – C&D
- Stockpile – Imported Clean Fill
- Approximate Location of Excavation
- Approximate Area of Grading
- Approximate Backfill Location
- Completed Soil-Mix Column
- Completed Caisson Casing
- Completed Caisson
- Reinstalled Soil-Mix Column as part of the In-Situ Stabilization of NAPL-contaminated Soil
- Soil-Mix Core Advanced
- Documentation Endpoint Sample
- Completed Waterproofing Installation
- Approximate Location of the Former UST
- Post-Remediation Groundwater Monitoring Well Installed

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

SITE PLAN - PETROFIX GROUNDWATER TREATMENT AREA



- Site Boundary
- Groundwater Treatment Area
- Proposed Petrofix Injection Point
- In Progress Petrofix Injection
- Completed Petrofix Injection
- Pilot Test Boring Advanced

Photo Log

Photo 1: View of groundwater sampling equipment setup at monitoring well LMW-03 (facing west).



Photo 2: View of groundwater sampling equipment setup at monitoring well LMW-02 (facing west).

