

DAILY STATUS REPORT

Prepared By: Daniel Horvath

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

Langan Project No:	100688803	Project:	12074 Flatlands Avenue p/o Lot 1	Date:	06/27/2025
NYSDEC BCP Site No:	C224353	NYCOER Site No.:	<u>Lot 1:</u> 23TMP1319K / 23EHAN210K <u>Lot 100:</u> 25TMP1084K, 25EHAN206K	Time:	06:15 – 15:30

Consultant:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

PERSONNEL ON SITE:

Langan: Daniel Horvath (Environmental), Lakshman Dontha (Geotechnical)

Monadnock: Seamus Lavin (Superintendent)

United Concrete: Miguel Flores and laborers

Morris-Shea: Crew

American Dewatering & Grouting: Crew

EQUIPMENT ON SITE: Komatsu PC490 LC Excavator (2), Komatsu PC360 LC Excavator, Komatsu PC138US LC Excavator, Komatsu PC78US Excavator, Bobcat 740 Skid Steer, JLG 800AJ Boom Lift, ABI Mobilram TM18/22 HD Drill Rig (2), Caterpillar 335F L CR Excavator (2), STS Scheltzke MPS 510-D-C-AUT Mix-Pump-Unit, Delmag RH34 Drill Rig, Hutte HBR 605 Drill Rig, Woltman 90DR Drill Rig, Volvo ECR235EL Excavator, CASE TV450B Skid Steer, FL-126 Telehandler

Site Activities

BCP Site Activities

- Langan provided oversight during implementation of the 1 May 2024 RAWP.
- United Concrete (United) removed 10 truckloads of material from stockpile ST-61B, originally excavated from disposal grids WC42, WC56, and WC59 in the western portion of the Site, for off-Site disposal to Clean Earth New Castle.
- United imported 5 truckloads of 1.5-inch clean stone from Braen Stone of Sparta in Lafayette, NJ. Imported material was added to stockpile ST-62 in the southeastern portion of the Site.
- United placed a 6-inch thick layer of imported 1.5-inch clean stone from stockpile ST-62 above Mirafi filter fabric in an approximately 150-foot-long area ranging between 40- and 70-feet wide in the southern portion of the Site for the construction of a stabilized surface for future pile installation. Stockpile ST-62 is no longer present on-Site.
- United excavated an approximately 45-foot-long by 30-foot-wide area between 13 and 20 feet below ground surface (bgs) in disposal grids WC61E and WC61F. All excavated material was staged as stockpile ST-65 in the southern portion of the Site.
- United continued installing walers in the southwestern portion of the Site.
- United installed rebar and formwork in the western portion of the Site for the construction of the detention tank foundation.
- Morris-Shea continued installing foundation piles in the northern portion of the Site. No cuttings were generated during pile installation.
- American Dewatering Grouting (ADG) continued drilling dewatering wells in the northern portion of the Site. ADG placed the collected water and any cuttings in the filter-fabric lined collection basin. The accumulated water was left to evaporate overnight.

Lot 100 Site Activities

- None.

Dewatering Activities

- ADG continued dewatering in the northern portion of the Site.
- Dewatering monitoring well elevation gauging data from 5/30/2025 through 6/27/2025 is attached.

Samples Collected

- None.

Community Air Monitoring Program (CAMP)

- Langan implemented the community air monitoring program (CAMP) during soil disturbance. CAMP equipment consisted of an Aeroqual AQS 1 Air Quality Monitor at dedicated locations on the downwind and upwind perimeter of the site, as well as a personal DataRam (pDR) an PID at a work zone monitoring station.
 - No VOC or dust concentrations were detected in exceedance of the short-term exposure limit (STEL) at the downwind CAMP station.

Problems Encountered

- None.

Activities Scheduled for Next Day

- United will continue to excavate in the western portion of the Site.
- United will export material from the Site.
- Morris-Shea will continue installation of deep foundation elements in the northeastern portion of the Site.
- ADG will continue installation of the dewatering wells in the northern portion of the Site.

Two Week Outlook

- United will excavate and export material from the southern portions of the Site.
- ADG will continue installation of the dewatering wells.
- Morris-Shea will continue installation of deep foundation elements.
- United will pour the slab for the construction of the stormwater detention system.

Truck Count Log of Imported Material										
Facility/Material (BCP Site – NYSDEC Approved):	Tilcon New York Inc., Mount Hope Quarry (1.5-inch Clean Stone)		Tilcon New York Inc., Mount Hope Quarry (0.75-inch Clean Stone)		Braen Stone of Sparta Lafayette, New Jersey (1.5-inch Clean Stone)		Braen Stone of Sparta Lafayette, New Jersey (0.75-inch Clean Stone)		Braen Stone of Sparta Lafayette, New Jersey (Dense Graded Aggregate)	
Volume:	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yards	Trucks	Cu. Yards	Trucks	Cu. Yards
Today:	0	0	0	0	5	100	0	0	0	0
Total:	18	360	0	0	131	2,620	0	0	79	1,580
Approved Quantity (CY):	---	500	---	500	---	3,500	---	3,500	---	5,000
Facility/Material (Lot 100 – NYCOER Approved):	Braen Stone of Sparta Lafayette, New Jersey (1.5-inch Clean Stone)		Braen Stone of Sparta Lafayette, New Jersey (0.75-inch Clean Stone)		---		---		---	
Volume:	Trucks	Cu. Yards	Trucks	Cu. Yds.	Trucks	Cu. Yards	Trucks	Cu. Yards	Trucks	Cu. Yards
Today:	0	0	0	0	---	---	---	---	---	---
Total:	10	200	1	20	---	---	---	---	---	---
Approved Quantity (CY):	---	3,000	---	3,000	---	---	---	---	---	---

Note: 20 cubic yards (CY) assumed per truckload

Truck Count Log of Exported Material										
Facility/Material (BCP Site):	Clean Earth Philadelphia Philadelphia, Pennsylvania Approval # 243100026 (7,000 tons)		Clean Earth Carteret Carteret, New Jersey Approval #243070587 (4,000 tons)		Clean Earth Carteret Carteret, New Jersey Approval #253070241 (cumulative 83,450 tons)		Clean Earth Carteret Carteret, New Jersey Approval #253070242 (cumulative 83,450 tons)		Clean Earth New Castle New Castle, Delaware Approval #253020014 (cumulative 96,400 tons)	
Volume:	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Today:	0	0	0	0	0	0	0	0	10	200
Total:	175	3,500	51	1,020	967	19,340	180	3,600	894	17,880
Facility/Material (BCP Site):	Clean Earth New Castle New Castle, Delaware Approval #253020015 (cumulative 96,400 tons)		Clean Earth North Jersey Kearny, New Jersey Approval #2530804874 (6,000 tons)		Clean Earth North Jersey Kearny, New Jersey Approval #2530804878 (5,250 tons)		Clean Earth North Jersey Kearny, New Jersey Approval #2530804888 (1,500 tons)		Clean Earth North Jersey Kearny, New Jersey Pre-Approval #2530804828 (2,000 tons)	
Volume:	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Today:	0	0	0	0	0	0	0	0	0	0
Total:	140	2,800	30	600	34	680	0	0	61	1,220
Facility/Material (BCP Site):	Clean Earth North Jersey Kearny, New Jersey Approval #2530804872 (750 tons)		Clean Earth North Jersey Kearny, New Jersey Pre-Approval #2530804884 (50 tons)		Clean Earth North Jersey Kearny, New Jersey Approval #2530804880 (3,750 tons)		Clean Earth Carteret Carteret, New Jersey Approval #253070475 (cumulative 83,450 tons)		---	
Volume:	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.	Trucks	Cu. Yds.
Today:	0	0	0	0	0	0	0	0	---	---
Total:	2	40	0	0	0	0	141	2,820	---	---
Facility/Material (Lot 100):	Clean Earth New Castle, New Castle, Delaware Approval #253020014 (cumulative 96,400 tons)		---		---		---		---	
Volume:	Trucks	Cu. Yds.	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks	Trucks
Today:	0	0	---	---	---	---	---	---	---	---
Total:	4	80	---	---	---	---	---	---	---	---

Note: 20 cubic yards assumed per truckload

Photo Log

Photo 1 – United loading material from stockpile ST-61B for off-Site disposal to Clean Earth New Castle, facing southeast.



Photo 2 – United placing 1.5-inch clean stone from stockpile ST-62 in the southern portion of the Site, facing northeast.



Photo 3 – United installing rebar and formwork for the construction of the detention tank foundation in the western portion of the Site, facing north.

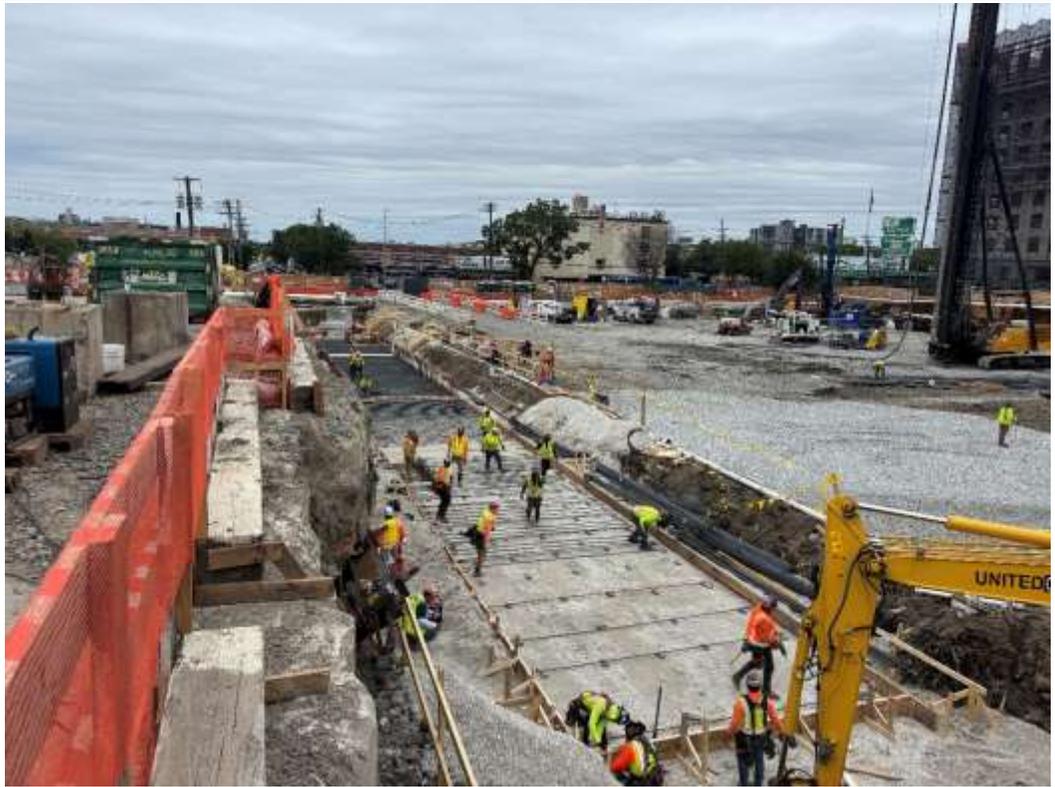
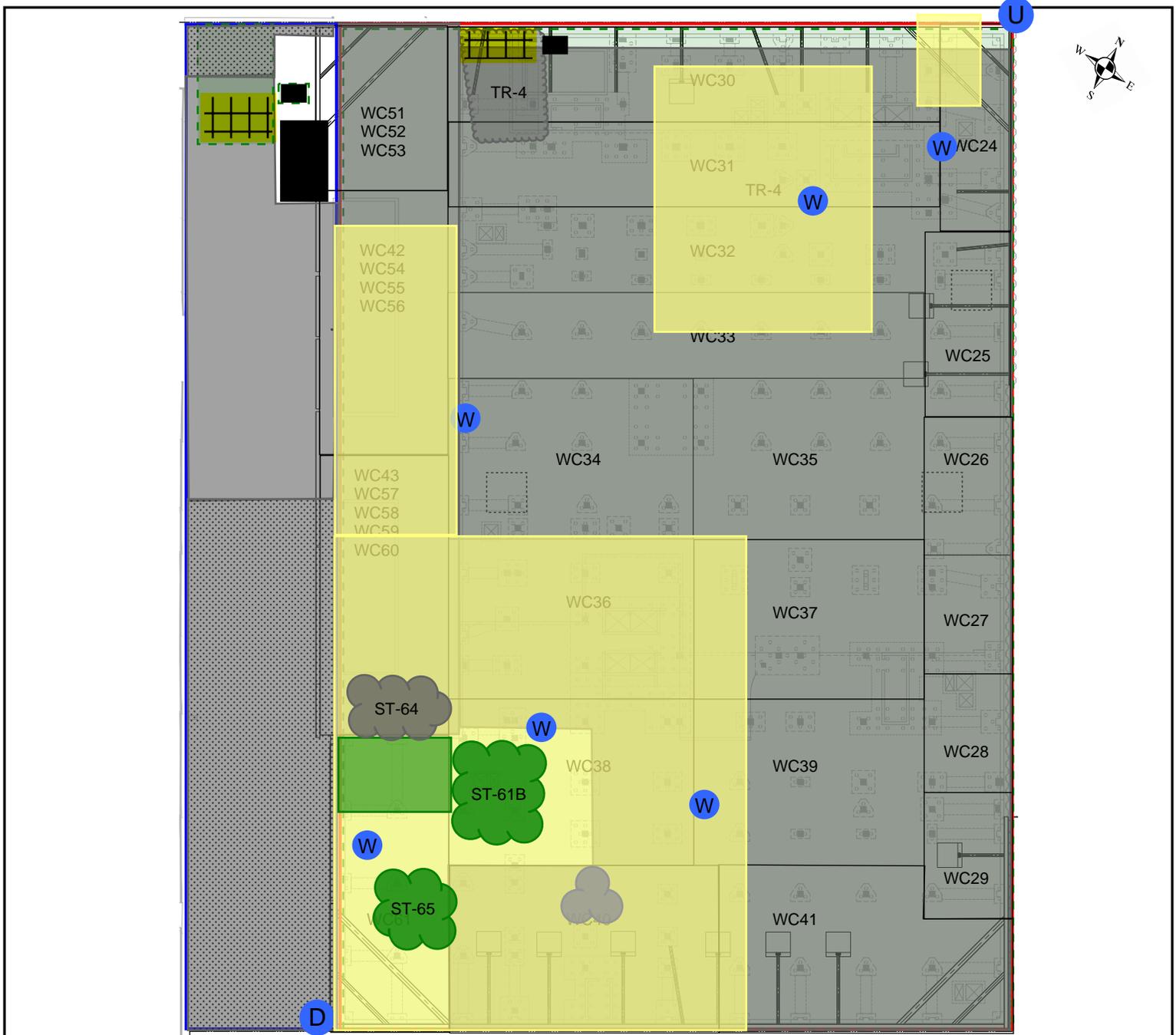


Photo 4 – Morris-Shea installing deep foundation piles in the northern portion of the Site, facing northeast.



SITE MAP



Approximate and Not to Scale

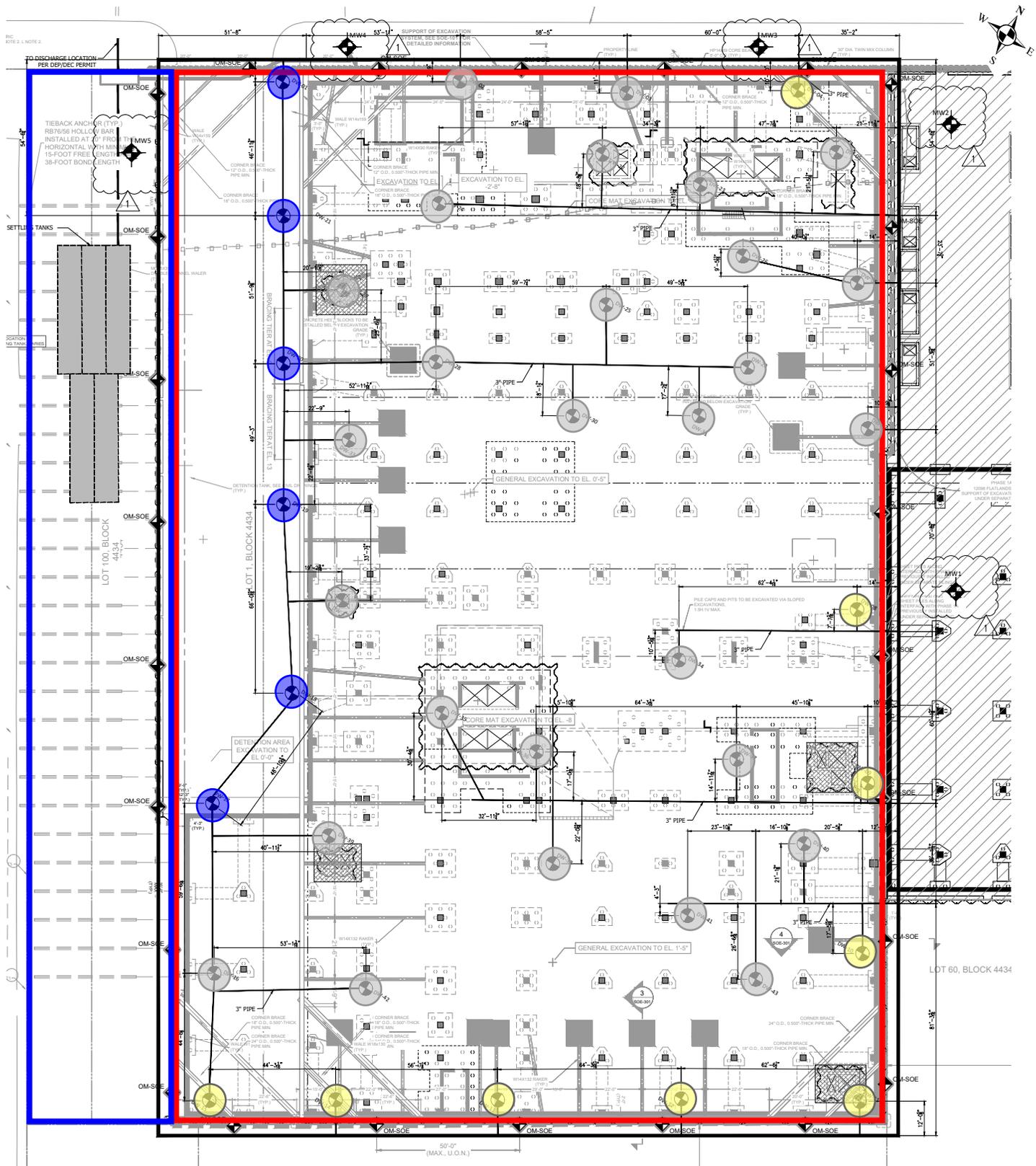
LEGEND

	12074 Flatlands Avenue Site Boundary (BCP Site No. C224353)		Work Zone Air Monitoring Station
	Lot 100 Site Boundary (NYCOER Site No. 25TMP1084K)		Downwind Perimeter Air Monitoring Station
	Disposal Grids		Upwind Perimeter Air Monitoring Station
	RAWP Hotspot Areas		Work Area
	Excavation Completed Today		Soil Stockpile
	Excavation Previously Completed		Clean Stone Stockpile
	Concrete		Asphalt Stockpile
	Clean Stone		Concrete Stockpile
	FODS Trackout		Truck Ramp
	Settling Tank for Truck Wash Station		Post-excavation Sample Collected Today
	Metallic Structure		Test Pit Sample Collected Today

NOTES

1. Basemap from the "Support of Excavation Plan" drawing prepared by Langan dated 3/3/2025.
2. Waste characterization grids are shown as presented in the Draft Disposal Map prepared by Clean Earth.
3. Truck Ramp TR-4 contains imported DGA from Braen Stone of Sparta in Lafayette, NJ.
4. Stockpile ST-61B contains non-hazardous material excavated from disposal grids WC42, WC56, and WC59 for off-site disposal to Clean Earth New Castle.
5. Stockpile ST-64 contains imported dense graded aggregate (DGA) from Braen Stone of Sparta in Lafayette, NJ.
6. Stockpile ST-65 contains non-hazardous material excavated from disposal grids WC61E and WC61F for off-site disposal to Clean Earth Carteret.

DEWATERING SITE MAP



Approximate and Not to Scale

LEGEND

- 12074 Flatlands Avenue Site Boundary (BCP Site No. C224353)
- Lot 100 Site Boundary (NYCOER Site No. 25TMP1084K)
- Deep Well Installed and Active
- Deep Well Installed but not Active
- Deep Well to be Installed
- Deep Well
- Monitoring Well for Dewatering Monitoring and Sampling

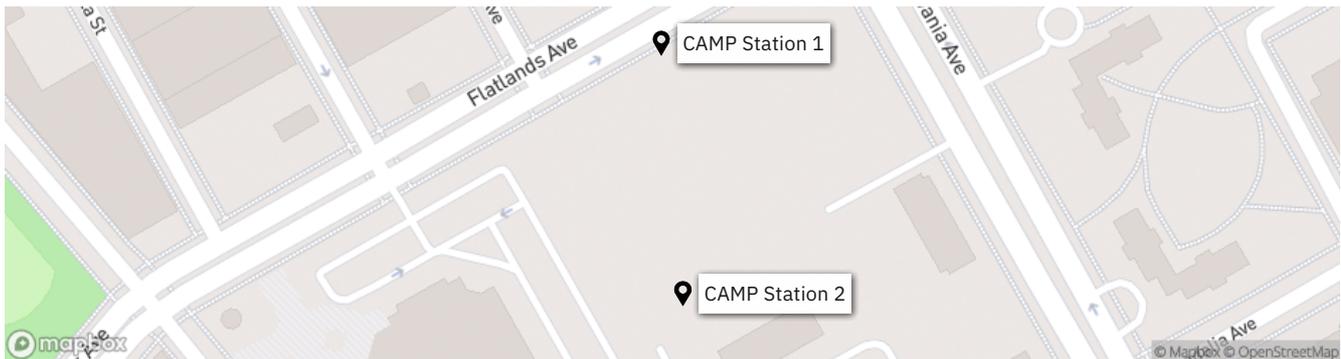
NOTES

1. Basemap from the "Dewatering Plan" drawing prepared by Cichetti Engineering PLLC dated 5/5/2025.

LANGAN	Site Contribution Report - CCC Phase 1B - 1 Report	100688803 - CCC - Phase 1B	
		Report Period	
		From:	6/27/2025 06:00
		To:	6/27/2025 19:00
		PM10 Action Level:	150 µg/m³
VOC Action Level:	5 ppm		

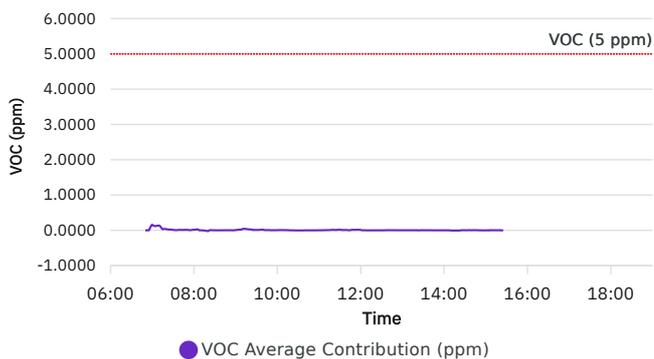
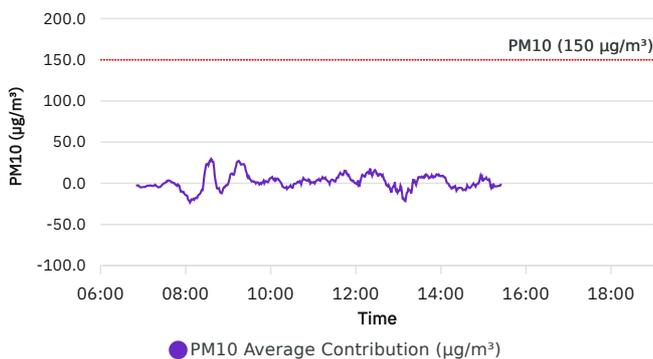
Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
06/27/2025	63.7 - 72.3	40.6 - 71.0	30.2 - 30.3	0.4 - 4.7	NNW

Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 6/27/2025	-17.4	08:15	-0.0067	08:15
Max Contribution (15 min avg.) - 6/27/2025	27.2	09:15	0.1555	07:00
Daily Avg. Contribution (15 min avg.) - 6/27/2025	1.5	-	0.0099	-

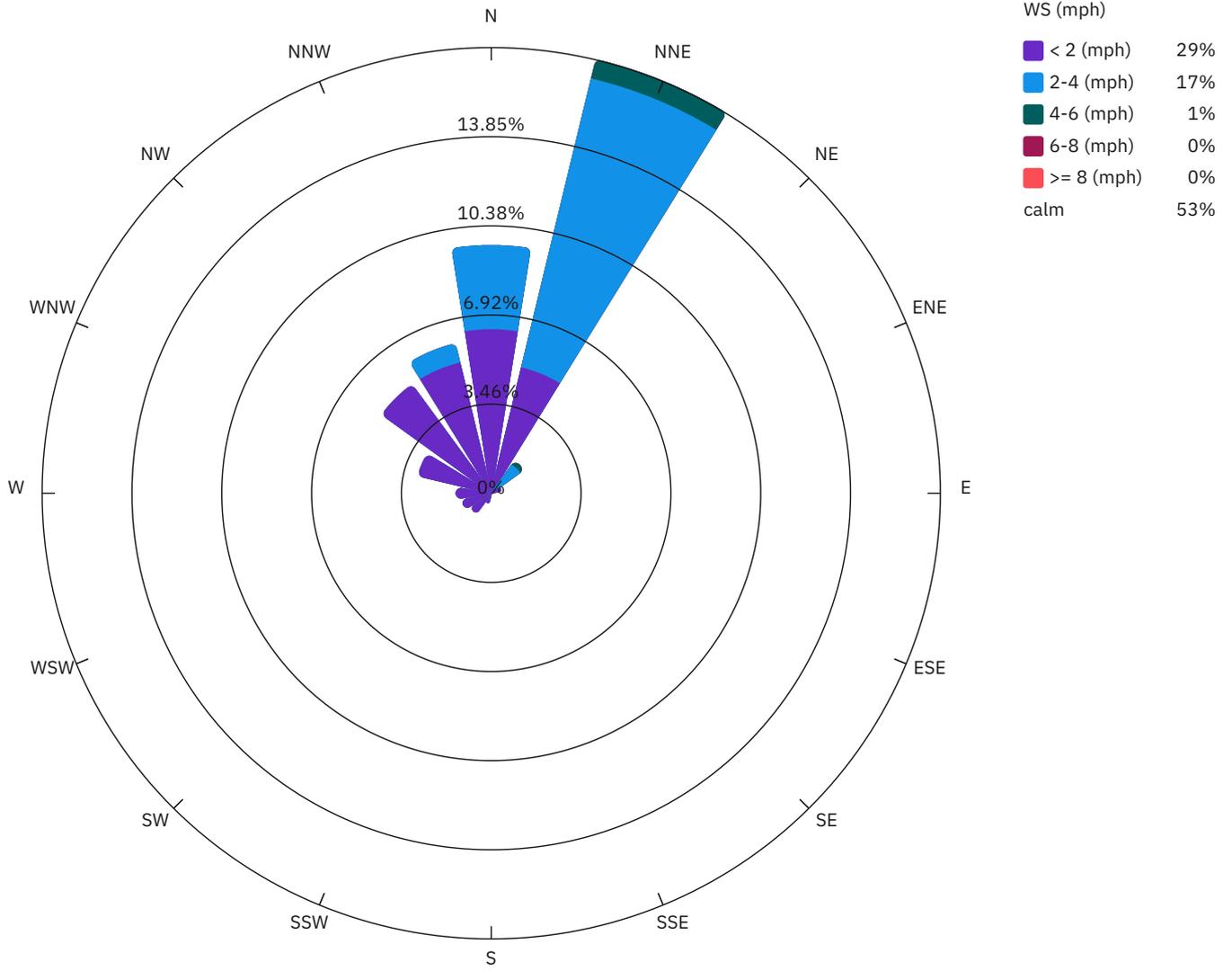


PM10 Average Contribution (µg/m³)

VOC Average Contribution (ppm)



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 15 min Avg
6/27/2025 07:00:00	18.7	14.1	-4.6	0.0000	0.1555	0.1555	1.4	N
6/27/2025 07:15:00	17.4	14.5	-2.8	0.0000	0.0307	0.0307	2.6	NNE
6/27/2025 07:30:00	16.7	16.7	0.0	0.0000	0.0140	0.0140	2.8	NNE
6/27/2025 07:45:00	18.6	17.9	-0.8	0.0000	0.0113	0.0113	2.4	NNE
6/27/2025 08:00:00	30.1	15.9	-14.2	0.0120	0.0273	0.0153	2.4	NNE
6/27/2025 08:15:00	36.5	19.1	-17.4	0.0387	0.0320	-0.0067	1.9	NNE
6/27/2025 08:30:00	34.8	58.1	23.3	0.0000	0.0007	0.0007	1.4	N
6/27/2025 08:45:00	27.9	21.3	-6.6	0.0000	0.0020	0.0020	2.0	NNE
6/27/2025 09:00:00	22.2	21.7	-0.4	0.0000	0.0067	0.0067	1.3	N
6/27/2025 09:15:00	13.8	41.0	27.2	0.0000	0.0380	0.0380	1.5	NNE
6/27/2025 09:30:00	23.2	29.6	6.4	0.0020	0.0127	0.0107	1.3	N
6/27/2025 09:45:00	23.4	22.7	-0.7	0.0027	0.0087	0.0060	1.0	N
6/27/2025 10:00:00	23.2	29.4	6.2	0.0007	0.0053	0.0047	0.8	NNW
6/27/2025 10:15:00	25.3	25.2	-0.1	0.0007	0.0040	0.0033	0.8	NW
6/27/2025 10:30:00	27.5	22.1	-5.4	0.0047	0.0013	-0.0033	0.8	NNW
6/27/2025 10:45:00	28.9	33.0	4.1	0.0020	0.0013	-0.0007	0.9	NW
6/27/2025 11:00:00	25.8	27.1	1.2	0.0013	0.0027	0.0013	0.6	WNW
6/27/2025 11:15:00	26.5	32.5	5.9	0.0000	0.0060	0.0060	0.7	NW
6/27/2025 11:30:00	20.8	23.1	2.3	0.0053	0.0200	0.0147	0.7	WNW
6/27/2025 11:45:00	22.9	37.7	14.8	0.0007	0.0047	0.0040	0.8	WNW
6/27/2025 12:00:00	28.4	28.2	-0.2	0.0027	0.0147	0.0120	1.0	NW
6/27/2025 12:15:00	23.9	36.3	12.4	0.0013	0.0007	-0.0007	0.8	WNW
6/27/2025 12:30:00	10.9	22.8	11.9	0.0000	0.0000	0.0000	0.9	WNW
6/27/2025 12:45:00	31.4	27.8	-3.6	0.0000	0.0033	0.0033	0.8	W
6/27/2025 13:00:00	40.4	30.8	-9.6	0.0013	0.0033	0.0020	0.7	W
6/27/2025 13:15:00	44.8	36.7	-8.1	0.0027	0.0047	0.0020	0.7	W
6/27/2025 13:30:00	24.1	31.6	7.5	0.0013	0.0033	0.0020	0.7	WNW
6/27/2025 13:45:00	17.8	25.3	7.5	0.0000	0.0007	0.0007	0.7	W
6/27/2025 14:00:00	18.2	26.7	8.6	0.0007	0.0007	0.0000	0.7	W
6/27/2025 14:15:00	21.8	15.2	-6.6	0.0073	0.0013	-0.0060	0.7	SW
6/27/2025 14:30:00	28.2	21.8	-6.4	0.0047	0.0067	0.0020	0.7	WSW
6/27/2025 14:45:00	24.8	23.3	-1.5	0.0000	0.0047	0.0047	0.6	WNW

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 15 min Avg
6/27/2025 15:00:00	30.1	35.2	5.2	0.0040	0.0027	-0.0013	0.5	WNW
6/27/2025 15:15:00	24.6	21.3	-3.3	0.0073	0.0093	0.0020	0.7	W

12074 Flatlands Avenue Dewatering - Monitoring Well Logs

Date	Time	MW-1 (EL 14)		MW-2 (EL 15)		MW-3 (EL 13)		MW-4 (EL 12)		MW-5 (EL 15)	
		Depth (ft)	Elevation (NAVD88)								
5/30/2025	8:00 AM	11.6	2.4	12.5	2.5	11.3	1.7	9.9	2.1	13.2	1.8
6/2/2025	7:00 AM	11.7	2.3	12.6	2.4	11.4	1.6	10.0	2.0	13.3	1.7
6/3/2025	8:00 AM	11.7	2.3	12.6	2.4	11.4	1.6	9.9	2.1	13.2	1.8
6/5/2025	12:00 PM	11.7	2.3	12.6	2.4	11.4	1.6	10.0	2.0	13.3	1.7
6/9/2025	8:00 AM	11.6	2.4	12.5	2.5	11.4	1.6	10.0	2.0	13.2	1.8
6/10/2025	7:00 AM	12.8	1.2	13.6	1.4	12.6	0.4	11.9	0.1	15.0	0.0
6/11/2025	7:00 AM	13.1	0.9	13.9	1.1	12.9	0.1	13.3	-1.3	15.4	-0.4
6/12/2025	7:00 AM	13.2	0.8	14.1	0.9	13.1	-0.1	11.1	0.9	15.6	-0.6
6/13/2025	7:00 AM	13.4	0.6	14.2	0.8	13.3	-0.3	11.2	0.8	15.8	-0.8
6/14/2025	7:00 AM	12.3	1.7	14.3	0.7	13.2	-0.2	11.3	0.7	15.8	-0.8
6/15/2025	7:00 AM	13.4	0.6	14.2	0.8	13.3	-0.3	11.3	0.7	15.8	-0.8
6/16/2025	7:00 AM	13.4	0.6	14.3	0.7	13.3	-0.3	11.3	0.7	15.9	-0.9
6/17/2025	7:00 AM	13.4	0.6	14.3	0.7	13.3	-0.3	11.3	0.7	15.9	-0.9
6/18/2025	7:00 AM	13.4	0.6	14.3	0.7	13.2	-0.2	11.3	0.7	15.9	-0.9
6/19/2025	7:00 AM	13.4	0.6	14.3	0.7	13.3	-0.3	11.3	0.7	15.9	-0.9
6/20/2025	7:00 AM	13.5	0.5	14.3	0.7	13.3	-0.3	11.3	0.7	15.9	-0.9
6/21/2025	7:00 AM	13.5	0.5	14.3	0.7	13.3	-0.3	11.3	0.7	15.9	-0.9
6/22/2025	7:00 AM	13.6	0.4	14.4	0.6	13.5	11.0	11.3	0.7	16.0	-1.0
6/23/2025	7:00 AM	13.6	0.4	14.4	0.6	13.5	11.0	11.3	0.7	16.0	-1.0
6/24/2025	7:00 AM	13.7	0.3	14.5	0.5	13.5	-0.5	11.3	0.7	16.1	-1.1
6/25/2025	7:00 AM	13.8	0.2	14.5	0.5	13.4	-0.4	11.3	0.7	16.0	-1.0
6/26/2025	7:00 AM	13.8	0.2	14.6	0.4	13.5	-0.5	11.3	0.7	16.0	-1.0
6/27/2025	7:00 AM	13.6	0.4	14.5	0.5	13.4	-0.4	11.3	0.7	16.0	-1.0
6/28/2025	7:00 AM	13.5	0.5	14.5	0.5	13.4	-0.4	11.3	0.7	15.9	-0.9

12074 Flatlands Avenue Dewatering - Monitoring Well Logs

Date	Time	MW-1 (EL 14)		MW-2 (EL 15)		MW-3 (EL 13)		MW-4 (EL 12)		MW-5 (EL 15)	
		Depth (ft)	Elevation (NAVD88)								
6/29/2025	7:00 AM	13.5	0.5	14.3	0.7	13.4	11.0	11.3	0.7	15.9	-0.9
6/30/2025	7:00 AM	13.4	0.6	14.3	0.7	13.4	11.0	11.3	0.7	15.8	-0.8