SITE OBSERVATION REPORT – RAWP Implementation – Day 69

LANGAN

PROJECT No.:	170390001	**CLIENT:**		**DATE:**	Tuesday, June 3, 2025
PROJECT:	141 3rd Street			**WEATHER:**	Sunny, 55-77 ^{0}F Wind: WSW @ 0.1 – 4.2 mph
LOCATION:	Brooklyn, New York	Third Street Owner LLC and 155 Third St., LLC		**TIME:**	6:50 a.m. – 3:00 p.m
BCP SITE ID:	C224336			**MONITOR:**	Kiki Wallick

EQUIPMENT:	**PRESENT AT SITE:**
Hyundai HX520L Excavator Komatsu PC490LC Excavator LB46-410 Drilling Rig LRB- 355.1 Drilling Rig CRS XL 140 DUO Sonic Drill Rig MiniRae 3000 Photoionization detector (PID)	**Langan**: Kiki Wallick **Monadnock Construction (Construction Management)**: John Henry **New Leaf (Development/Drilling Contractor)**: Joe Sullivan **WSP:** Chris DeSclafani **Roux, Inc.:** James Smyth **Coastal Environmental Solutions:** Pat Salvin

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:

Langan was onsite to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) dated 12 December 2024, and Remedial Design Document (RDD) for In-Situ Stabilization/Solidification (ISS) dated 5 April 2024.

Remedial Action Work Summary:

ISS Work Performed Onsite

- Coastal Environmental Solutions (Coastal) used a CRS XL 140 DUO sonic drill rig to advance core locations ISS-C6-R2 (representative of previously mixed cells ISS-34, ISS-35, and ISS-37) and ISS-C6-R3 (representative of previously mixed cells ISS-28, ISS-31, and ISS-34) to about 10 and 35 feet below grade surface (bgs) (el. - 2.74± and -27.88±), respectively. Cores and drilling equipment were inspected for visible non-aqueous phase liquid (NAPL), percent of core sample recovered, and NAPL coating on drilling tools.
    - **ISS-C6-R2**: About 31% of the total core was observed from 0 to 10 feet bgs (el. 7.26± and -2.74±). Due to low recovery, the core was re-advanced.
    - **ISS-C6-R3**: About 86% of the total core was observed from 0 to 35 feet bgs (el. 7.12± and -27.88±). At about 5 to 10 feet bgs (el. 2.12 ± to -2.88±), about 40% of the core was recovered.
    - Evidence of NAPL (i.e., staining, odors, or PID readings above background level) was not observed in either core location.
    - The cores demonstrated a homogenous mix in ISS cells.
    - Following completion of cores, each location was grouted from the base of the core to surface grade.
    - ISS cores were retained on site in wood core boxes and will be maintained on site through the remediation.

Sampling

- No samples were collected.

Community Air Monitoring Plan (CAMP) Activities

- Langan performed continuous air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) using two perimeter air monitoring stations at upwind and downwind locations. The PM10 and VOC action levels were not exceeded during the monitoring period. Recorded air monitoring data is presented on CAMP summary data sheet appended to the end of this Daily Field Report.

Material Tracking

- No material was exported from the site.
- No material was imported to site.

Material Import Summary				
Facility	**NYSDEC Approved Quantity**	**Imported**	**Today**	**Total**
Tilcon - Haverstraw Haverstraw, NY ASTM #3 Virgin Stone (1.5-Inch)	400 CY (560 tons)	**No. Loads**	0	**4**
		Quantity (tons)	0	**89.95**
Impact Materials Jersey City (IMJC) Jersey City, NJ 0.75-inch Stone	2,000 CY (2,800 tons)	**No. Loads**	0	**0**
		Quantity (tons)	0	**0**
IMJC Jersey City, NJ 1.5-inch Stone	400 CY (560 tons)	**No. Loads**	0	**2**
		Quantity (tons)	0	**49.65**

Material Export Summary				
Facility	**Approved Quantity**	**Imported**	**Today**	**Total**
Clean Earth of Carteret (CEC) Carteret, NJ Elevated Soil/Fill	9,857 CY (13,800 tons)	**No. Loads**	0	**62**
		Quantity (CY)	0	**1,240**
Clean Earth of New Castle (CENC) New Castle, DE Non-Hazardous Contaminated Soil/Urban Fill	3,571 CY (5,000 tons)	**No. Loads**	0	**0**
		Quantity (CY)	0	**0**
Atlantic County Utilities Authority (ACUA) Egg Harbor Township, NJ Non-Hazardous Contaminated Soil/Urban Fill	714 CY (1,000 tons)	**No. Loads**	0	**0**
		Quantity (CY)	0	**0**
Clean Earth of North Jersey (CENJ) Kearny, NJ Hazardous Lead	107 CY (150 tons)	**No. Loads**	0	**2**
		Quantity (CY)	0	**40**

Drums

- One 55-gallon drum containing purged groundwater and dense non-aqueous phase liquid (DNAPL) is staged in the southern part of the site.
- One 55-gallon drum containing truck wash water is staged in the central part of the site.
- One 55-gallon drum containing purged groundwater is staged in the southern part of the site.

Anticipated Activities

- None

SITE PHOTOGRAPHS:

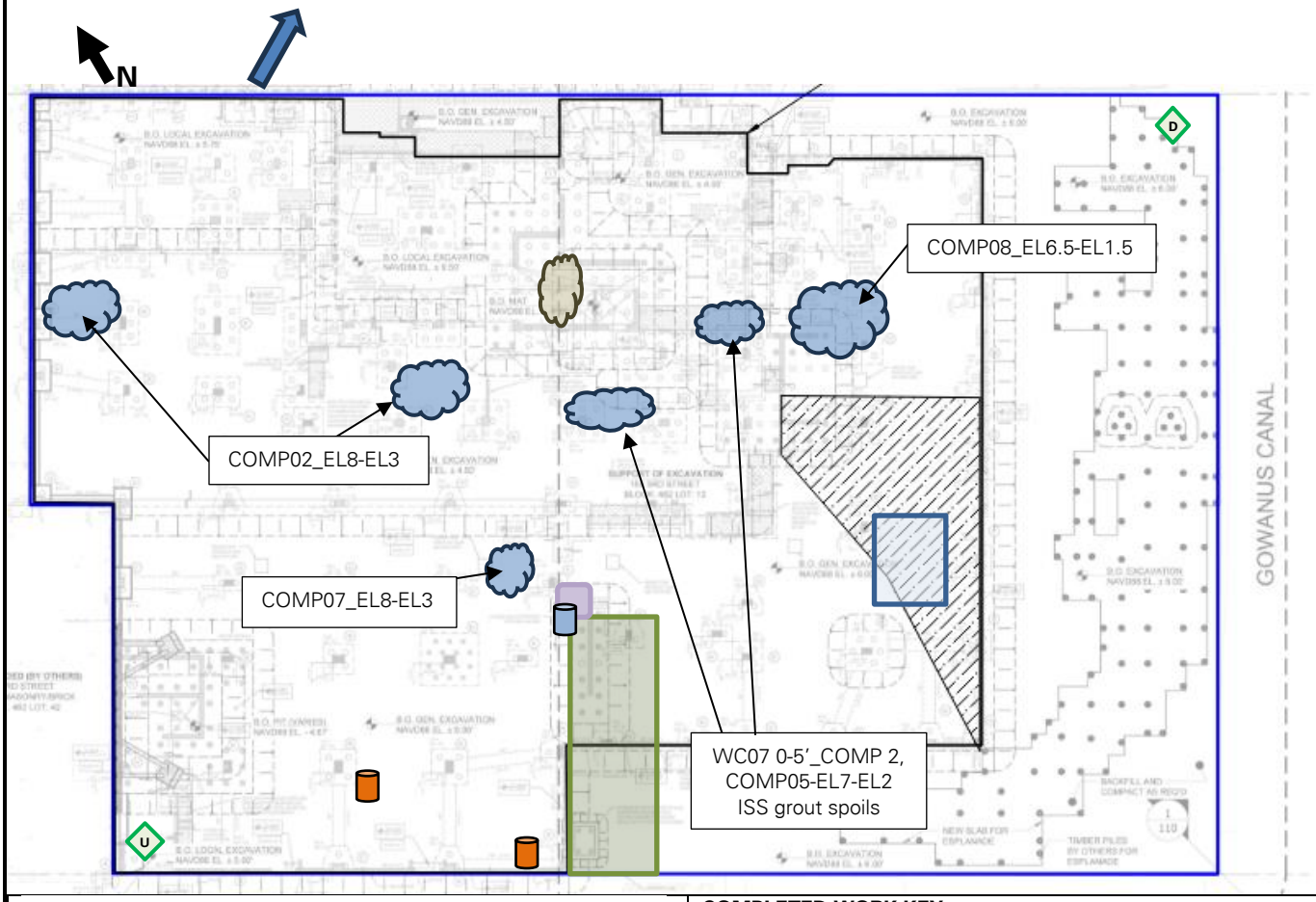


Photo 1: Coastal advancing core location ISS-C6-R3 (facing southeast).



Photo 2: View of recovered monolith from about 20 to 30 feet bgs in ISS-C6-R3.

FIGURE 1 - SITE MAP:



LEGEND:

- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISS AREA TO BE EXCAVATED TO 4 FEET BGS (EL. 3.5± FEET NAVD88)

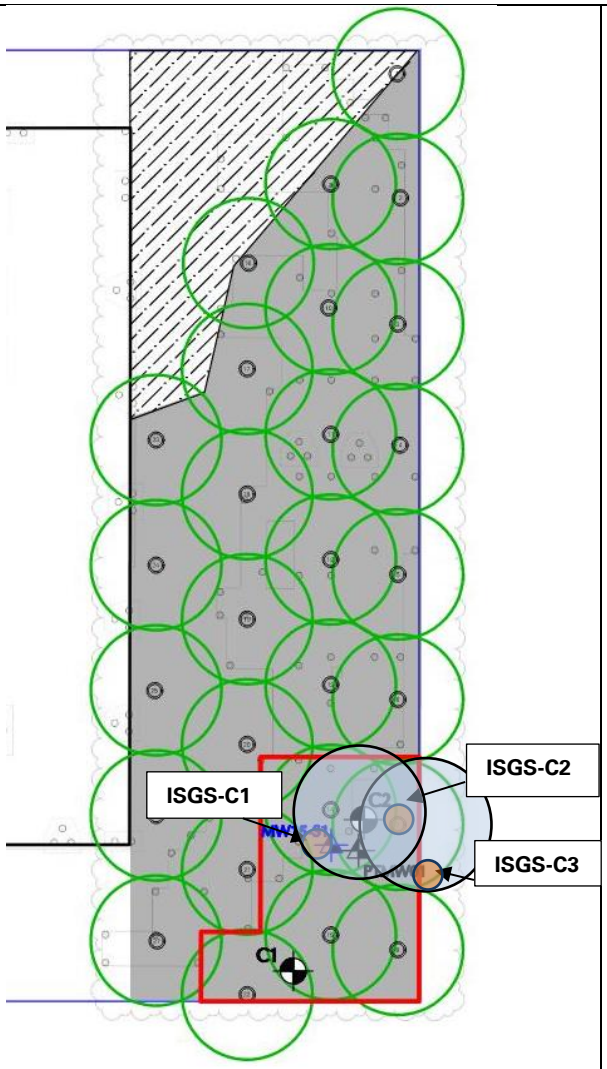
COMPLETED WORK KEY

- Approximate work area
- Approximate location of upwind CAMP station
- Approximate location of downwind CAMP station
- Approximate location of drum
- Approximate location of truck wash drum
- Approximate wind direction
- Stockpiled soil/fill
- Stockpiled C&D debris
- Stockpiled imported stone
- Temporary stabilized construction entrance
- Truck wash catch basin

Base map includes Figure 5 – Pre-ISS Excavation Plan from the NYSDEC-approved RDD for ISS, prepared by Langan Engineering, dated 4/5/2024

FIGURE 2 - ISGS PROGRESS MAP

N



LEGEND:

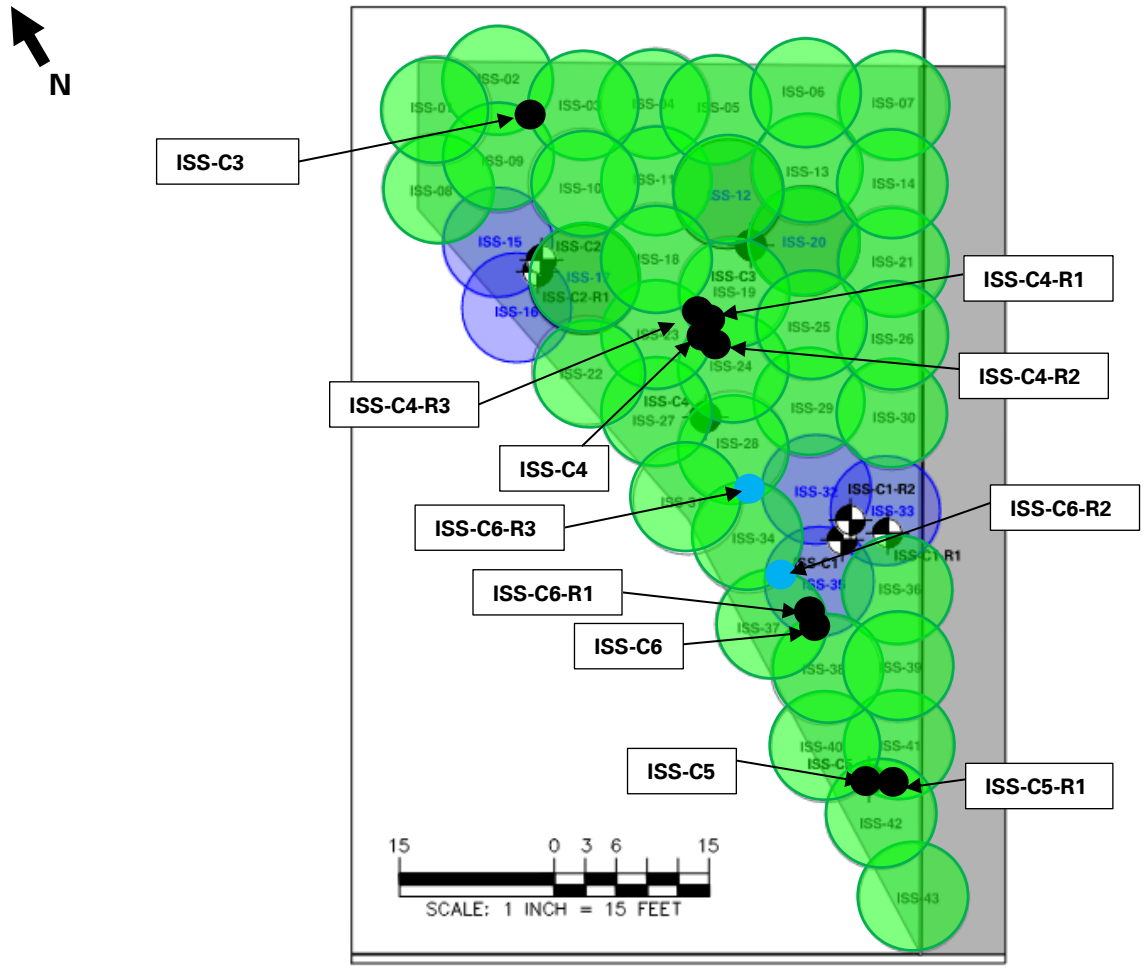
- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISGS AREA BETWEEN EL. -19± TO EL. -23±
- APPROXIMATE PROPOSED EXTENT OF ISGS SUPPORT/LAYDOWN AREA
- APPROXIMATE PROPOSED TEMPORARY DIRECT-PUSH INJECTION POINT LOCATION
- APPROXIMATE ROI (13-FOOT RADIUS, 25-FOOT SPACING)
- C1 — APPROXIMATE PROPOSED PILOT TEST QA/QC CORE LOCATION
- APPROXIMATE ISGS PILOT TEST AREA
- MW15-S1 — EXISTING MONITORING WELL LOCATION
- PTWM01 — PROPOSED MONITORING WELL LOCATION

COMPLETED WORK KEY

- ISGS injection point completed today
- ISGS injection point previously completed
- Core location completed today
- Core location previously completed

Base map includes Figure 2 – Project Implementation Plan In-Situ Stabilization/Solidification, prepared by Roux Environmental and Geology, D.P.C, dated October 2024

FIGURE 3 - ISS PROGRESS MAP:



LEGEND:

- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE EXTENT OF ISS SUPPORT/LAYDOWN AREA
- APPROXIMATE EXTENT OF ISS IMPLEMENTATION AREA
- ISS-C1 APPROXIMATE COMPLETED CORE LOCATION
- ISS-C3 APPROXIMATE PROPOSED CORE LOCATION

COMPLETED WORK KEY

- Completed ISS Pilot Test Columns
- Columns to be re-mixed
- Completed Full-Scale ISS Columns
- ISS Columns mixed today
- Columns to be mixed tomorrow
- Collected core today
- Previously collected sample location

Base map includes Figure 2 – ISS Plan from the ISS Pilot Test Results Letter, prepared by Langan, dated March 5, 2025

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TABLE 1 - ISS PROGRESS TABLE:

ISS Column ID	Coordinates (N, E)	Column Diameter (ft)	No. of Column Passes	Bottom Elevation of Column	Approximate Volume Treated (CY)	Mixing Time Per Interval (min/ft)	Reagent Additional Per Interval (kg)	Injection Pressure (psi)	Injection Rate (gal/min)	Rotational Speed (rpm)	Advance Rate (ft/min)	Sampled
Pilot Study												
ISS-20	98.87, 221.23	10.6	N/A	-26.5±	N/A	N/A	N/A	50	6.5	30	3.75	Yes
ISS-12	103.418, 213.788	10.6	N/A	-21.5±	N/A	N/A	N/A	N/A	N/A	15	1.4	Yes
ISS-16	92.59, 193.29	10.6	1	-26.5±	93	5	948.78	N/A	N/A	17	0.1	Yes
ISS-17	95.14, 199.81	10.6	1	-26.5±	105	10	841.75	N/A	N/A	18	0.19	Yes
ISS-15	98.75, 191.97	10.6	1	-26.5±	105	5	765.22	N/A	N/A	16	0.28	Yes
ISS-35	65.47, 222.59	10.6	2	-26.5±	101	7	871.43	N/A	N/A	16	0.36	Yes
ISS-32	74.47, 222.33	10.6	2	-26.5±	105	4	841.75	N/A	N/A	16	0.25	Yes
ISS-33	74.47, 229.01	10.6	2	-26.5±	105	11	765.22	N/A	N/A	16	0.17	Yes
Full-Scale Implementation												
ISS-01	110.99, 185.10	10.6	2	-26.5±	100	5.3*	800*	22*	21*	13*	0.2*	No
ISS-02	113.11, 190.95	10.6	2	-26.5±	109	4.3*	809*	24*	34*	14*	0.2*	No
ISS-03	112.32, 199.07	10.6	2	-26.5±	99	7.8*	886*	19*	37*	14*	0.1*	Yes
ISS-04	114.11, 206.99	10.6	2	-26.5±	109	9.1*	956*	21*	24*	13*	0.1*	No
ISS-05	111.93, 214.38	10.6	2	-26.5±	101	8.6*	874*	25*	21*	13*	0.1*	No
ISS-06	113.45, 221.56	10.6	2	-26.5±	102	8.0*	938*	22*	27*	13*	0.1*	Yes
ISS-07	111.72, 229.09	10.6	2	-26.5±	101	9.5*	1,027*	24*	22*	13*	0.1*	Yes
ISS-08	103.02, 187.19	10.6	2	-26.5±	100	5.6*	964*	22*	41*	13*	0.2*	No
ISS-09	107.17, 192.43	10.6	2	-26.5±	100	6.6*	964*	21*	24*	14*	0.2*	No
ISS-10	103.57, 199.17	10.6	2	-26.5±	100	5.8*	803*	21*	29*	14*	0.2*	No
ISS-11	107.82, 206.44	10.6	2	-26.5±	101	6.8*	869*	19*	27*	13*	0.2*	No
ISS-12	103.42, 213.80	10.6	2	-26.5±	100	9.1*	964*	21*	30*	14*	0.1*	No
ISS-13	106.26, 221.37	10.6	2	-26.5±	102	6.0*	861*	20*	28*	14*	0.2*	No
ISS-14	104.02, 228.87	10.6	2	-26.5±	100	9.8*	961*	19*	40*	13*	0.1*	No
ISS-17	95.14, 199.81	10.6	2	-26.5±	109	8.8*	877*	19*	28*	13*	0.1*	No
ISS-18	99.32, 206.56	10.6	2	-26.5±	101	5.9*	790*	25*	35*	13*	0.2*	No
ISS-19	94.57, 213.51	10.6	2	-26.5±	104	9.2*	1081*	20*	31*	13*	0.1*	Yes
ISS-20	98.37, 221.23	10.6	2	-26.5±	98	9.9*	1,221*	17*	28*	13*	0.1*	No
ISS-21	96.47, 229.17	10.6	2	-26.5±	100	6.0*	876*	18*	21*	13*	0.2*	No
ISS-22	86.23, 199.71	10.6	2	-26.5±	109	6.2*	804*	23*	27*	13*	0.2*	No
ISS-23	90.11, 206.59	10.6	2	-26.5±	100	5.7*	882*	23*	35*	14*	0.2*	No
ISS-24	86.32, 213.53	10.6	2	-26.5±	101	5.6*	875*	19*	35*	14*	0.2*	Yes
ISS-25	91.32, 221.3	10.6	2	-26.5±	110	6.6*	799*	17*	21*	12*	0.2*	No
ISS-26	88.63, 229.16	10.6	2	-26.5±	109	7.1*	807*	30*	28*	13*	0.1*	No
ISS-27	81.32, 206.11	10.6	2	-26.5±	109	6.6*	735*	24*	32*	13*	0.2*	Yes
ISS-28	78.50, 215.04	10.6	2	-26.5±	100	5.4*	880*	23*	37*	13*	0.3*	No
ISS-29	83.08, 221.62	10.6	2	-26.5±	100	5.5*	878*	21*	47*	13*	0.2*	No

ISS Column ID	Coordinates (N, E)	Column Diameter (ft)	No. of Column Passes	Bottom Elevation of Column	Approximate Volume Treated (CY)	Mixing Time Per Interval (min/ft)	Reagent Additional Per Interval (kg)	Injection Pressure (psi)	Injection Rate (gal/min)	Rotational Speed (rpm)	Advance Rate (ft/min)	Sampled
ISS-30	80.66, 229.01	10.6	2	-26.5±	101	5.5*	948*	19*	35*	13*	0.3*	No
ISS-31	73.77, 209.56	10.6	2	-26.5±	105	7.3*	842*	23*	30*	13*	0.2*	No
ISS-34	69.19, 215.20	10.6	2	-26.5±	104	5.9*	850*	17*	34*	14*	0.3*	No
ISS-36	64.95, 229.19	10.6	2	-26.5±	102	6.8*	782*	24*	27*	13*	0.3*	No
ISS-37	61.04, 216.20	10.6	2	-26.5±	105	6.2*	837*	25*	33*	13*	0.3*	No
ISS-38	56.31, 222.47	10.6	2	-26.5±	105	6.0*	759*	19.3*	32*	14*	0.3*	No
ISS-39	57.46, 228.81	10.6	2	-26.5±	103	5.7*	853*	16*	33*	13*	0.3*	No
ISS-40	49. 31, 222.87	10.6	2	-26.5±	104	5.5*	848*	28*	33*	13*	0.4*	Yes
ISS-41	49.74, 229.96	10.6	2	-26.5±	99	8.1*	890*	19*	30*	13*	0.2*	Yes
ISS-42	42.22, 228.29	10.6	2	-26.5±	103	5.4*	851*	16.4*	31*	13*	0.3*	No
ISS-43	35.19, 230.66	10.6	2	-26.5±	102	8.1*	781.47*	8*	45*	14*	0.3*	No

1. Coordinates were measured in northing and eastings from the project datum.
2. * = Estimated parameters based on field observations. Exact parameters will be updated (as needed) once received.

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TABLE 2 - ISS QC RESULTS TABLE

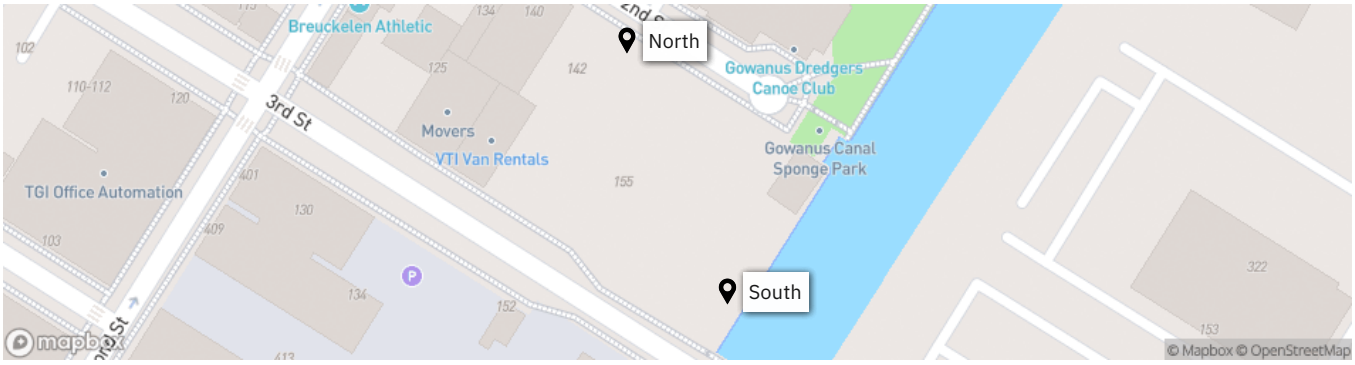
ISS Cell	Sample Depth (elevation)	7-day		14-day		21-day		28-day		56-day	
		UCS (psi)	HC (cm/sec)	UCS (psi)	HC (cm/sec)	UCS (psi)	HC (cm/sec)	UCS (psi)	HC (cm/sec)	UCS (psi)	HC (cm/sec)
Pilot Study											
ISS-15	-18.5± to -20.5±	40	1.3×10^{-6}	**80**	**8.6×10^{-7}**	**90**	**4.6×10^{-7}**	**90**	**4.7×10^{-7}**	**100**	**4.2×10^{-7}**
ISS-16	-18.5± to -20.5±	30	3.6×10^{-6}	**50**	1.1×10^{-6}	**60**	**9.8×10^{-7}**	**70**	**7.4×10^{-7}**	**70**	**7.2×10^{-7}**
ISS-17	-18.5± to -20.5±	20	1.6×10^{-6}	30	3.0×10^{-6}	40	2.8×10^{-6}	**50**	2.7×10^{-6}	**60**	2.6×10^{-6}
ISS-32	-18.5± to -20.5±	30	**8.8×10^{-7}**	**60**	**7.5×10^{-7}**	**70**	**6.0×10^{-7}**	**90**	**5.5×10^{-7}**	**100**	**5.3×10^{-7}**
ISS-33	-18.5± to -20.5±	**50**	**2.3×10^{-7}**	**80**	**2.0×10^{-7}**	**90**	**2.0×10^{-7}**	**100**	**2.2×10^{-7}**	**100**	**1.9×10^{-7}**
ISS-35	-18.5± to -20.5±	30	1.3×10^{-6}	**60**	**8.1×10^{-7}**	**80**	**5.9×10^{-7}**	**90**	**5.0×10^{-7}**	**100**	**4.9×10^{-7}**
Full-Scale Implementation											
ISS-03	-14± to -15±	**150**	**1.1×10^{-7}**	**150**	**9.9×10^{-8}**	**340**	**8.7×10^{-8}**	**240**	**8.2×10^{-8}**	*Pending*	*Pending*
ISS-06	-13± to -14±	**170**	**3.8×10^{-7}**	**220**	**2.0×10^{-7}**	**110**	**9.9×10^{-8}**	**330**	**9.0×10^{-8}**	*Pending*	*Pending*
ISS-07	-17± to -18±	**130**	**1.2×10^{-7}**	**210**	**1.7×10^{-7}**	**330**	**9.6×10^{-8}**	**300**	**8.8×10^{-8}**	*Pending*	*Pending*
ISS-19	-16± to -17±	**110**	**2.0×10^{-7}**	**200**	**1.6×10^{-7}**	**220**	**1.9×10^{-7}**	**230**	**1.7×10^{-7}**	*Pending*	*Pending*
ISS-24	-17± to -18±	**100**	**1.1×10^{-7}**	**230**	**1.8×10^{-7}**	**190**	**2.0×10^{-7}**	**420**	**1.3×10^{-7}**	*Pending*	*Pending*
ISS-27	-16± to -17±	**120**	**1.2×10^{-7}**	**230**	**9.9×10^{-8}**	**170**	**1.5×10^{-7}**	**260**	**9.1×10^{-8}**	*Pending*	*Pending*
ISS-40	-19± to -21±	**210**	**3.1×10^{-7}**	**250**	**3.5×10^{-7}**	**400**	**1.0×10^{-7}**	**420**	**2.1×10^{-7}**	*Pending*	*Pending*
ISS-41	-15.3± to -16.3±	**190**	**4.7×10^{-7}**	**150**	**4.4×10^{-7}**	**220**	**3.5×10^{-7}**	**220**	**3.9×10^{-7}**	*Pending*	*Pending*

1. Results meeting or exceeding field performance criterion (50 pounds per square inch [psi] for unconfined compressive strength [UCS] and 1×10^{-6} centimeters per second [cm/s] for hydraulic conductivity [HC]) are shown in bold.
2. Elevation recorded in North American Vertical Datum of 1988

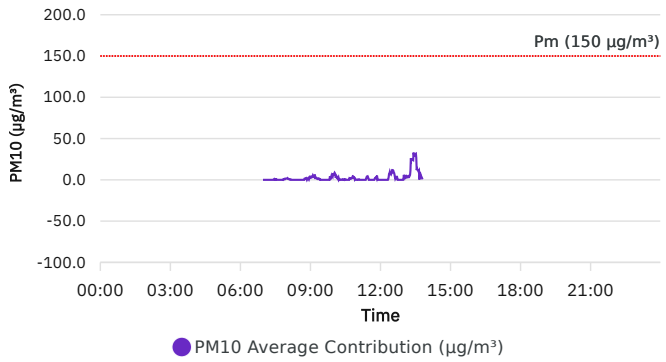
LANGAN	155 3rd St Report	170390002 - 155 3rd St Brooklyn	
		Report Period	
		From:	6/3/2025 00:00
		To:	6/3/2025 23:59
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
06/03/2025	-	-	-	0.1 - 4.2	WSW

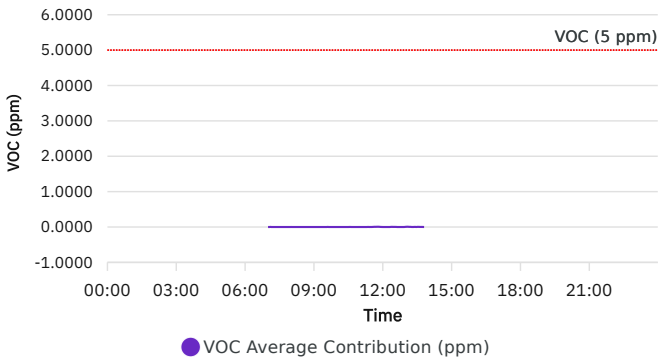
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 6/3/2025	0.0	06:58	0.0000	07:00
Max Contribution (15 min avg.) - 6/3/2025	33.0	13:25	0.0080	13:04



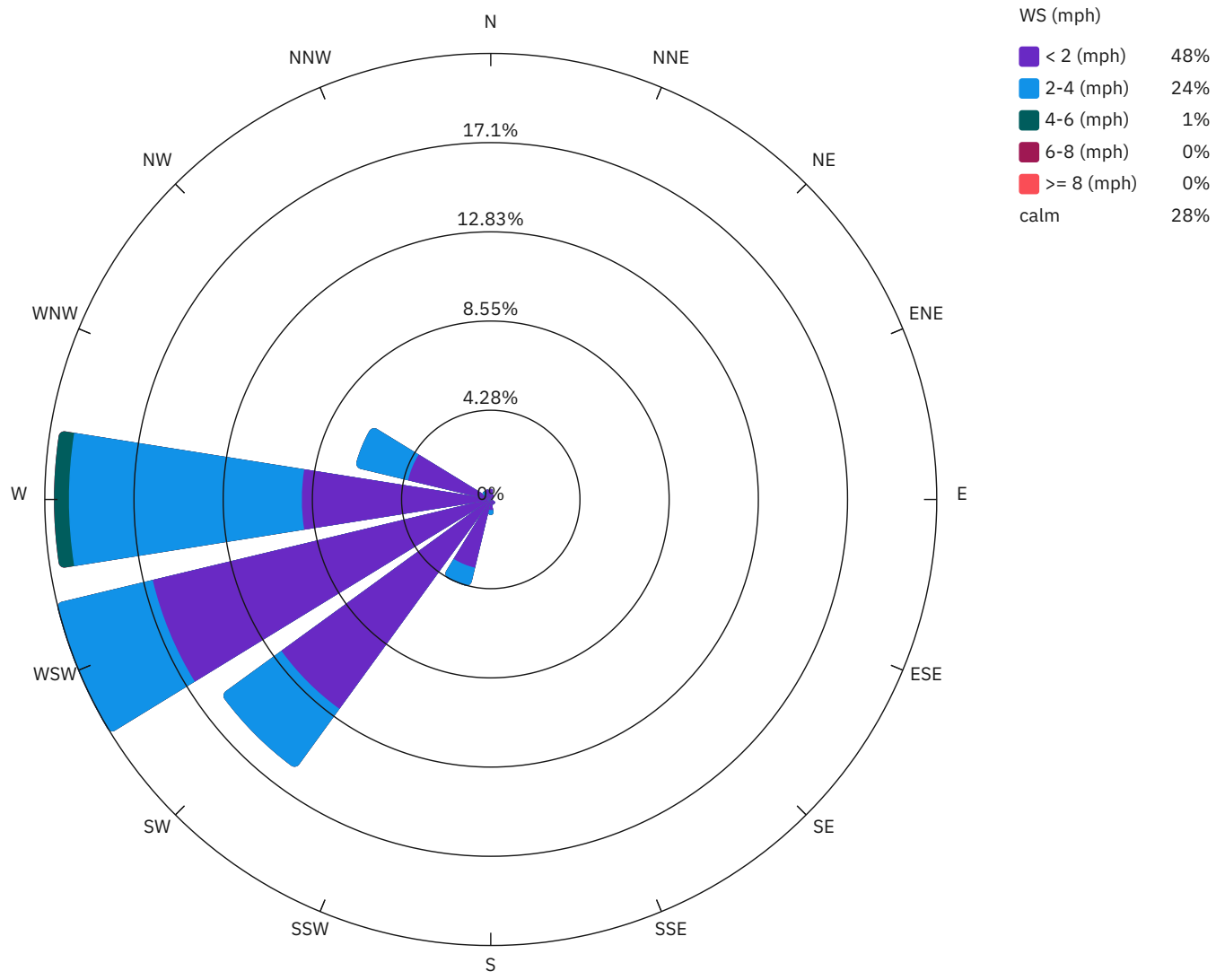
PM10 Average Contribution (µg/m³)



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
6/3/2025 06:55:00							0.3	WSW
6/3/2025 06:56:00							0.2	W
6/3/2025 06:57:00							0.1	NNE
6/3/2025 06:58:00	57.3	37.7	0.0				0.1	N
6/3/2025 06:59:00	55.9	37.7	0.0				0.1	N
6/3/2025 07:00:00	54.3	37.7	0.0	0.0000	0.0000	0.0000	0.1	NE
6/3/2025 07:01:00	53.5	37.7	0.0	0.0000	0.0000	0.0000	0.2	N
6/3/2025 07:02:00	53.0	37.7	0.0	0.0000	0.0000	0.0000	0.1	NNW
6/3/2025 07:03:00	52.7	37.7	0.0	0.0000	0.0000	0.0000	0.1	N
6/3/2025 07:04:00	52.4	37.7	0.0	0.0000	0.0000	0.0000	0.1	NNW
6/3/2025 07:05:00	52.2	37.2	0.0	0.0000	0.0017	0.0017	0.2	NNE
6/3/2025 07:06:00	52.1	36.9	0.0	0.0000	0.0029	0.0029	0.2	N
6/3/2025 07:07:00	51.0	36.8	0.0	0.0012	0.0038	0.0025	0.2	N
6/3/2025 07:08:00	49.9	36.5	0.0	0.0033	0.0044	0.0011	0.2	W
6/3/2025 07:09:00	49.0	36.3	0.0	0.0060	0.0050	0.0000	0.2	WNW
6/3/2025 07:10:00	48.1	36.1	0.0	0.0082	0.0055	0.0000	0.2	NW
6/3/2025 07:11:00	47.2	36.1	0.0	0.0100	0.0067	0.0000	0.2	WNW
6/3/2025 07:12:00	46.6	35.9	0.0	0.0115	0.0077	0.0000	0.2	WNW
6/3/2025 07:13:00	45.2	35.5	0.0	0.0129	0.0086	0.0000	0.2	ENE
6/3/2025 07:14:00	43.5	35.4	0.0	0.0133	0.0100	0.0000	0.2	SW
6/3/2025 07:15:00	42.9	34.8	0.0	0.0153	0.0107	0.0000	0.2	WNW
6/3/2025 07:16:00	42.4	34.3	0.0	0.0173	0.0113	0.0000	0.2	WNW
6/3/2025 07:17:00	41.3	33.8	0.0	0.0193	0.0127	0.0000	0.2	WSW
6/3/2025 07:18:00	39.8	33.1	0.0	0.0213	0.0140	0.0000	0.2	W
6/3/2025 07:19:00	37.9	32.4	0.0	0.0233	0.0153	0.0000	0.2	WNW
6/3/2025 07:20:00	35.9	32.0	0.0	0.0247	0.0160	0.0000	0.3	NW
6/3/2025 07:21:00	33.9	31.5	0.0	0.0260	0.0167	0.0000	0.3	NNW
6/3/2025 07:22:00	32.6	31.0	0.0	0.0267	0.0173	0.0000	0.3	NW
6/3/2025 07:23:00	31.2	30.6	0.0	0.0267	0.0180	0.0000	0.3	NW
6/3/2025 07:24:00	29.9	29.8	0.0	0.0260	0.0180	0.0000	0.3	NW
6/3/2025 07:25:00	28.8	29.1	0.3	0.0253	0.0187	0.0000	0.3	WNW
6/3/2025 07:26:00	27.9	28.2	0.3	0.0247	0.0180	0.0000	0.3	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
6/3/2025 07:27:00	26.8	27.6	0.9	0.0233	0.0180	0.0000	0.2	SSE
6/3/2025 07:28:00	26.5	26.8	0.3	0.0233	0.0173	0.0000	0.2	NNE
6/3/2025 07:29:00	26.1	25.8	0.0	0.0240	0.0160	0.0000	0.2	N
6/3/2025 07:30:00	24.8	25.0	0.2	0.0240	0.0160	0.0000	0.2	NNW
6/3/2025 07:31:00	23.4	24.2	0.9	0.0233	0.0160	0.0000	0.2	NNW
6/3/2025 07:32:00	22.4	23.4	0.9	0.0227	0.0153	0.0000	0.2	NW
6/3/2025 07:33:00	23.4	22.7	0.0	0.0220	0.0147	0.0000	0.2	NE
6/3/2025 07:34:00	23.3	22.0	0.0	0.0213	0.0140	0.0000	0.2	NNE
6/3/2025 07:35:00	22.9	21.4	0.0	0.0207	0.0140	0.0000	0.2	SW
6/3/2025 07:36:00	22.9	20.7	0.0	0.0207	0.0133	0.0000	0.2	NNW
6/3/2025 07:37:00	22.8	19.9	0.0	0.0207	0.0127	0.0000	0.2	NNW
6/3/2025 07:38:00	22.8	19.2	0.0	0.0207	0.0120	0.0000	0.2	NNW
6/3/2025 07:39:00	22.7	18.9	0.0	0.0200	0.0127	0.0000	0.2	WSW
6/3/2025 07:40:00	22.5	18.4	0.0	0.0200	0.0120	0.0000	0.2	NNE
6/3/2025 07:41:00	22.1	18.1	0.0	0.0200	0.0120	0.0000	0.3	NW
6/3/2025 07:42:00	21.9	17.6	0.0	0.0207	0.0113	0.0000	0.3	N
6/3/2025 07:43:00	20.9	17.5	0.0	0.0200	0.0113	0.0000	0.4	WNW
6/3/2025 07:44:00	20.5	17.3	0.0	0.0193	0.0113	0.0000	0.4	NW
6/3/2025 07:45:00	20.4	17.2	0.0	0.0187	0.0113	0.0000	0.4	WNW
6/3/2025 07:46:00	20.6	17.2	0.0	0.0187	0.0113	0.0000	0.4	NW
6/3/2025 07:47:00	20.3	17.8	0.0	0.0180	0.0120	0.0000	0.3	SW
6/3/2025 07:48:00	18.6	18.2	0.0	0.0173	0.0127	0.0000	0.3	SSW
6/3/2025 07:49:00	18.7	18.9	0.3	0.0167	0.0133	0.0000	0.3	SSE
6/3/2025 07:50:00	19.0	19.0	0.0	0.0167	0.0133	0.0000	0.3	SW
6/3/2025 07:51:00	19.0	19.4	0.4	0.0167	0.0133	0.0000	0.3	WNW
6/3/2025 07:52:00	19.0	19.8	0.9	0.0167	0.0133	0.0000	0.4	WNW
6/3/2025 07:53:00	19.3	20.2	0.8	0.0167	0.0133	0.0000	0.4	WNW
6/3/2025 07:54:00	19.6	20.3	0.7	0.0167	0.0133	0.0000	0.3	SW
6/3/2025 07:55:00	19.7	21.2	1.5	0.0160	0.0140	0.0000	0.4	SW
6/3/2025 07:56:00	20.1	21.5	1.4	0.0153	0.0147	0.0000	0.3	ESE
6/3/2025 07:57:00	20.3	21.7	1.5	0.0153	0.0147	0.0000	0.4	W
6/3/2025 07:58:00	20.4	21.8	1.5	0.0153	0.0147	0.0000	0.4	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
6/3/2025 07:59:00	20.5	22.0	1.5	0.0153	0.0147	0.0000	0.4	WNW
6/3/2025 08:00:00	20.4	22.2	1.8	0.0147	0.0153	0.0007	0.4	S
6/3/2025 08:01:00	20.1	22.3	2.2	0.0147	0.0153	0.0007	0.4	NW
6/3/2025 08:02:00	20.1	21.8	1.7	0.0147	0.0147	0.0000	0.4	W
6/3/2025 08:03:00	20.0	21.3	1.2	0.0147	0.0140	0.0000	0.4	S
6/3/2025 08:04:00	19.7	20.6	0.9	0.0147	0.0133	0.0000	0.4	W
6/3/2025 08:05:00	19.5	20.2	0.7	0.0147	0.0127	0.0000	0.4	NNE
6/3/2025 08:06:00	19.2	19.9	0.8	0.0140	0.0127	0.0000	0.3	SE
6/3/2025 08:07:00	19.1	19.5	0.4	0.0133	0.0127	0.0000	0.3	S
6/3/2025 08:08:00	18.5	19.2	0.6	0.0127	0.0127	0.0000	0.2	N
6/3/2025 08:09:00	18.3	18.9	0.6	0.0127	0.0120	0.0000	0.2	NW
6/3/2025 08:10:00	18.0	18.0	0.0	0.0127	0.0113	0.0000	0.2	E
6/3/2025 08:11:00	18.3	17.7	0.0	0.0127	0.0107	0.0000	0.2	NW
6/3/2025 08:12:00	18.2	17.7	0.0	0.0120	0.0107	0.0000	0.2	SW
6/3/2025 08:13:00	18.2	17.5	0.0	0.0120	0.0107	0.0000	0.1	ENE
6/3/2025 08:14:00	18.1	17.6	0.0	0.0113	0.0113	0.0000	0.2	WSW
6/3/2025 08:15:00	23.2	17.3	0.0	0.0120	0.0107	0.0000	0.2	WNW
6/3/2025 08:16:00	24.9	17.2	0.0	0.0120	0.0107	0.0000	0.2	NNE
6/3/2025 08:17:00	26.2	17.1	0.0	0.0127	0.0107	0.0000	0.2	WNW
6/3/2025 08:18:00	26.2	17.3	0.0	0.0127	0.0113	0.0000	0.2	SSW
6/3/2025 08:19:00	26.1	17.2	0.0	0.0133	0.0113	0.0000	0.2	WNW
6/3/2025 08:20:00	26.0	17.3	0.0	0.0133	0.0113	0.0000	0.3	SW
6/3/2025 08:21:00	26.4	17.4	0.0	0.0133	0.0113	0.0000	0.3	S
6/3/2025 08:22:00	26.6	17.8	0.0	0.0133	0.0113	0.0000	0.3	SW
6/3/2025 08:23:00	27.2	17.9	0.0	0.0133	0.0113	0.0000	0.3	WNW
6/3/2025 08:24:00	28.5	18.1	0.0	0.0133	0.0113	0.0000	0.4	WNW
6/3/2025 08:25:00	30.0	18.2	0.0	0.0133	0.0113	0.0000	0.5	WSW
6/3/2025 08:26:00	29.3	18.4	0.0	0.0133	0.0113	0.0000	0.5	WSW
6/3/2025 08:27:00	30.1	18.0	0.0	0.0133	0.0113	0.0000	0.5	WNW
6/3/2025 08:28:00	31.0	18.3	0.0	0.0127	0.0113	0.0000	0.6	W
6/3/2025 08:29:00	31.3	18.4	0.0	0.0127	0.0107	0.0000	0.6	SW
6/3/2025 08:30:00	26.4	18.5	0.0	0.0120	0.0107	0.0000	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
6/3/2025 08:31:00	24.5	18.4	0.0	0.0113	0.0107	0.0000	0.7	WSW
6/3/2025 08:32:00	23.2	18.6	0.0	0.0107	0.0107	0.0000	0.6	SSW
6/3/2025 08:33:00	23.5	18.3	0.0	0.0107	0.0100	0.0000	0.6	W
6/3/2025 08:34:00	23.6	18.3	0.0	0.0100	0.0100	0.0000	0.6	N
6/3/2025 08:35:00	23.7	18.1	0.0	0.0100	0.0100	0.0000	0.5	N
6/3/2025 08:36:00	23.2	18.0	0.0	0.0100	0.0100	0.0000	0.5	ENE
6/3/2025 08:37:00	22.9	17.6	0.0	0.0100	0.0100	0.0000	0.5	S
6/3/2025 08:38:00	22.2	17.9	0.0	0.0100	0.0100	0.0000	0.4	S
6/3/2025 08:39:00	21.2	17.6	0.0	0.0100	0.0100	0.0000	0.3	N
6/3/2025 08:40:00	19.6	18.1	0.0	0.0100	0.0100	0.0000	0.3	SSW
6/3/2025 08:41:00	19.7	17.7	0.0	0.0100	0.0100	0.0000	0.3	NNW
6/3/2025 08:42:00	19.0	17.8	0.0	0.0100	0.0100	0.0000	0.3	WNW
6/3/2025 08:43:00	19.1	17.9	0.0	0.0100	0.0100	0.0000	0.3	SSW
6/3/2025 08:44:00	21.2	19.9	0.0	0.0100	0.0100	0.0000	0.3	NW
6/3/2025 08:45:00	23.5	25.0	1.5	0.0107	0.0107	0.0000	0.3	SW
6/3/2025 08:46:00	26.1	27.7	1.6	0.0127	0.0113	0.0000	0.3	WSW
6/3/2025 08:47:00	28.4	30.1	1.8	0.0133	0.0127	0.0000	0.3	WSW
6/3/2025 08:48:00	30.6	32.3	1.7	0.0153	0.0133	0.0000	0.3	NW
6/3/2025 08:49:00	32.7	34.8	2.1	0.0160	0.0147	0.0000	0.3	SW
6/3/2025 08:50:00	35.5	36.9	1.4	0.0167	0.0160	0.0000	0.4	S
6/3/2025 08:51:00	39.4	39.0	0.0	0.0173	0.0173	0.0000	0.5	SSW
6/3/2025 08:52:00	41.6	42.5	0.9	0.0187	0.0180	0.0000	0.5	WNW
6/3/2025 08:53:00	43.8	45.3	1.6	0.0200	0.0187	0.0000	0.5	WNW
6/3/2025 08:54:00	45.9	48.0	2.1	0.0213	0.0193	0.0000	0.6	WSW
6/3/2025 08:55:00	48.7	49.8	1.1	0.0227	0.0200	0.0000	0.7	W
6/3/2025 08:56:00	51.7	52.0	0.3	0.0233	0.0213	0.0000	0.8	SW
6/3/2025 08:57:00	52.7	54.3	1.6	0.0247	0.0213	0.0000	0.8	WNW
6/3/2025 08:58:00	52.5	55.9	3.3	0.0260	0.0213	0.0000	0.9	WSW
6/3/2025 08:59:00	50.7	55.6	4.9	0.0267	0.0213	0.0000	0.9	WSW
6/3/2025 09:00:00	48.6	51.4	2.7	0.0267	0.0207	0.0000	1.0	WSW
6/3/2025 09:01:00	46.9	49.5	2.6	0.0253	0.0200	0.0000	1.0	W
6/3/2025 09:02:00	45.2	47.9	2.7	0.0253	0.0187	0.0000	1.1	WSW

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
6/3/2025 09:03:00	43.3	46.9	3.6	0.0240	0.0180	0.0000	1.2	W
6/3/2025 09:04:00	41.6	44.9	3.4	0.0240	0.0167	0.0000	1.3	WNW
6/3/2025 09:05:00	39.5	43.5	4.0	0.0240	0.0153	0.0000	1.3	WSW
6/3/2025 09:06:00	36.7	41.9	5.2	0.0240	0.0140	0.0000	1.5	W
6/3/2025 09:07:00	35.1	39.1	4.0	0.0233	0.0133	0.0000	1.5	WSW
6/3/2025 09:08:00	34.2	38.0	3.9	0.0227	0.0127	0.0000	1.6	WSW
6/3/2025 09:09:00	32.5	36.1	3.6	0.0213	0.0127	0.0000	1.6	WSW
6/3/2025 09:10:00	31.3	34.4	3.1	0.0213	0.0127	0.0000	1.5	SW
6/3/2025 09:11:00	28.6	35.0	6.4	0.0213	0.0133	0.0000	1.6	WSW
6/3/2025 09:12:00	28.8	33.2	4.4	0.0213	0.0140	0.0000	1.6	SW
6/3/2025 09:13:00	28.5	31.9	3.4	0.0213	0.0147	0.0000	1.5	SW
6/3/2025 09:14:00	28.4	30.5	2.1	0.0213	0.0147	0.0000	1.5	WSW
6/3/2025 09:15:00	28.2	30.2	2.0	0.0213	0.0147	0.0000	1.5	WSW
6/3/2025 09:16:00	27.9	30.1	2.2	0.0213	0.0147	0.0000	1.5	WNW
6/3/2025 09:17:00	28.0	29.6	1.6	0.0213	0.0147	0.0000	1.6	WNW
6/3/2025 09:18:00	28.0	29.1	1.0	0.0213	0.0147	0.0000	1.6	W
6/3/2025 09:19:00	28.0	28.9	0.9	0.0213	0.0147	0.0000	1.5	W
6/3/2025 09:20:00	27.7	29.0	1.3	0.0213	0.0147	0.0000	1.6	W
6/3/2025 09:21:00	27.2	28.9	1.8	0.0213	0.0147	0.0000	1.5	WNW
6/3/2025 09:22:00	27.1	28.7	1.6	0.0213	0.0147	0.0000	1.4	WSW
6/3/2025 09:23:00	26.5	27.1	0.6	0.0207	0.0153	0.0000	1.5	SW
6/3/2025 09:24:00	26.7	27.0	0.3	0.0207	0.0153	0.0000	1.4	SSW
6/3/2025 09:25:00	26.5	27.0	0.6	0.0193	0.0153	0.0000	1.4	SW
6/3/2025 09:26:00	26.5	25.4	0.0	0.0193	0.0133	0.0000	1.4	WSW
6/3/2025 09:27:00	25.6	25.4	0.0	0.0187	0.0127	0.0000	1.5	W
6/3/2025 09:28:00	25.6	25.2	0.0	0.0173	0.0127	0.0000	1.5	SW
6/3/2025 09:29:00	27.1	26.6	0.0	0.0167	0.0133	0.0000	1.5	SSW
6/3/2025 09:30:00	29.3	26.5	0.0	0.0160	0.0140	0.0000	1.4	WSW
6/3/2025 09:31:00	29.5	26.6	0.0	0.0153	0.0147	0.0000	1.4	SW
6/3/2025 09:32:00	31.7	26.7	0.0	0.0153	0.0147	0.0000	1.3	W
6/3/2025 09:33:00	33.1	27.0	0.0	0.0153	0.0147	0.0000	1.3	WSW
6/3/2025 09:34:00	34.8	27.9	0.0	0.0147	0.0153	0.0007	1.3	SSW

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
6/3/2025 09:35:00	37.9	29.4	0.0	0.0140	0.0160	0.0020	1.3	SW
6/3/2025 09:36:00	39.8	31.9	0.0	0.0140	0.0160	0.0020	1.3	W
6/3/2025 09:37:00	41.6	34.5	0.0	0.0140	0.0160	0.0020	1.4	W
6/3/2025 09:38:00	44.5	36.4	0.0	0.0147	0.0153	0.0007	1.3	W
6/3/2025 09:39:00	46.7	38.1	0.0	0.0153	0.0147	0.0000	1.3	W
6/3/2025 09:40:00	48.1	40.4	0.0	0.0167	0.0140	0.0000	1.3	WSW
6/3/2025 09:41:00	49.7	41.5	0.0	0.0173	0.0140	0.0000	1.3	WSW
6/3/2025 09:42:00	52.0	43.4	0.0	0.0167	0.0153	0.0000	1.3	SW
6/3/2025 09:43:00	54.3	44.8	0.0	0.0173	0.0160	0.0000	1.2	SW
6/3/2025 09:44:00	54.5	44.4	0.0	0.0180	0.0167	0.0000	1.3	WSW
6/3/2025 09:45:00	53.2	45.9	0.0	0.0193	0.0167	0.0000	1.3	WNW
6/3/2025 09:46:00	54.3	47.1	0.0	0.0207	0.0167	0.0000	1.3	WSW
6/3/2025 09:47:00	54.1	48.4	0.0	0.0213	0.0173	0.0000	1.3	W
6/3/2025 09:48:00	54.3	50.7	0.0	0.0227	0.0180	0.0000	1.3	WSW
6/3/2025 09:49:00	54.1	53.2	0.0	0.0233	0.0193	0.0000	1.3	WSW
6/3/2025 09:50:00	51.6	55.7	4.2	0.0253	0.0193	0.0000	1.3	WSW
6/3/2025 09:51:00	52.3	53.6	1.3	0.0253	0.0213	0.0000	1.3	SW
6/3/2025 09:52:00	50.9	52.4	1.5	0.0267	0.0220	0.0000	1.4	WSW
6/3/2025 09:53:00	48.2	51.6	3.3	0.0273	0.0227	0.0000	1.4	WSW
6/3/2025 09:54:00	45.8	50.8	5.0	0.0280	0.0233	0.0000	1.4	W
6/3/2025 09:55:00	45.0	48.7	3.6	0.0273	0.0247	0.0000	1.4	SW
6/3/2025 09:56:00	43.8	48.4	4.6	0.0273	0.0253	0.0000	1.4	W
6/3/2025 09:57:00	42.9	46.8	3.9	0.0280	0.0260	0.0000	1.4	SW
6/3/2025 09:58:00	40.6	47.6	7.0	0.0300	0.0253	0.0000	1.4	W
6/3/2025 09:59:00	39.3	46.3	7.0	0.0300	0.0260	0.0000	1.4	SW
6/3/2025 10:00:00	38.4	45.1	6.6	0.0300	0.0260	0.0000	1.4	W
6/3/2025 10:01:00	37.3	44.9	7.6	0.0300	0.0260	0.0000	1.4	W
6/3/2025 10:02:00	35.3	43.9	8.6	0.0300	0.0260	0.0000	1.4	WSW
6/3/2025 10:03:00	33.7	41.5	7.8	0.0300	0.0260	0.0000	1.4	WSW
6/3/2025 10:04:00	32.5	38.4	5.9	0.0313	0.0247	0.0000	1.4	W
6/3/2025 10:05:00	32.1	34.5	2.4	0.0313	0.0247	0.0000	1.4	WNW
6/3/2025 10:06:00	29.8	34.0	4.2	0.0313	0.0247	0.0000	1.4	WSW

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
6/3/2025 10:07:00	29.6	32.6	3.1	0.0300	0.0260	0.0000	1.4	SW
6/3/2025 10:08:00	29.2	31.4	2.2	0.0300	0.0260	0.0000	1.5	WSW
6/3/2025 10:09:00	28.8	30.5	1.8	0.0300	0.0260	0.0000	1.5	WSW
6/3/2025 10:10:00	27.5	30.2	2.7	0.0307	0.0253	0.0000	1.6	W
6/3/2025 10:11:00	27.3	28.7	1.5	0.0307	0.0253	0.0000	1.6	W
6/3/2025 10:12:00	25.9	28.5	2.6	0.0313	0.0240	0.0000	1.7	W
6/3/2025 10:13:00	26.4	26.6	0.2	0.0300	0.0240	0.0000	1.7	WNW
6/3/2025 10:14:00	25.8	26.8	1.0	0.0307	0.0227	0.0000	1.8	W
6/3/2025 10:15:00	26.1	26.8	0.7	0.0300	0.0233	0.0000	1.7	SW
6/3/2025 10:16:00	26.1	26.0	0.0	0.0300	0.0233	0.0000	1.8	W
6/3/2025 10:17:00	26.1	26.1	0.0	0.0300	0.0233	0.0000	1.9	WNW
6/3/2025 10:18:00	26.1	26.2	0.2	0.0293	0.0233	0.0000	2.0	W
6/3/2025 10:19:00	26.1	26.1	0.0	0.0280	0.0240	0.0000	2.0	WSW
6/3/2025 10:20:00	26.1	26.2	0.1	0.0273	0.0240	0.0000	2.0	WSW
6/3/2025 10:21:00	25.9	26.3	0.4	0.0273	0.0233	0.0000	2.0	SW
6/3/2025 10:22:00	25.7	26.5	0.7	0.0280	0.0220	0.0000	2.0	W
6/3/2025 10:23:00	26.0	26.3	0.3	0.0273	0.0227	0.0000	2.0	SW
6/3/2025 10:24:00	26.0	26.1	0.1	0.0267	0.0233	0.0000	1.9	SW
6/3/2025 10:25:00	26.8	26.1	0.0	0.0260	0.0240	0.0000	1.8	SSW
6/3/2025 10:26:00	26.7	27.2	0.4	0.0260	0.0240	0.0000	1.7	W
6/3/2025 10:27:00	27.0	26.9	0.0	0.0247	0.0240	0.0000	1.7	WSW
6/3/2025 10:28:00	26.3	26.7	0.5	0.0240	0.0233	0.0000	1.7	WSW
6/3/2025 10:29:00	26.0	26.7	0.7	0.0233	0.0227	0.0000	1.8	WSW
6/3/2025 10:30:00	25.6	26.3	0.7	0.0227	0.0220	0.0000	1.7	SSW
6/3/2025 10:31:00	25.8	25.6	0.0	0.0213	0.0220	0.0007	1.6	S
6/3/2025 10:32:00	26.5	25.6	0.0	0.0207	0.0213	0.0007	1.5	WSW
6/3/2025 10:33:00	27.1	25.1	0.0	0.0193	0.0213	0.0020	1.5	WSW
6/3/2025 10:34:00	26.5	25.4	0.0	0.0193	0.0200	0.0007	1.5	WSW
6/3/2025 10:35:00	26.9	24.9	0.0	0.0180	0.0200	0.0020	1.5	WSW
6/3/2025 10:36:00	26.6	25.6	0.0	0.0180	0.0187	0.0007	1.6	W
6/3/2025 10:37:00	26.4	25.5	0.0	0.0180	0.0187	0.0007	1.6	WSW
6/3/2025 10:38:00	26.0	25.8	0.0	0.0187	0.0180	0.0000	1.6	WSW

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
6/3/2025 10:39:00	26.0	25.9	0.0	0.0193	0.0173	0.0000	1.7	WSW
6/3/2025 10:40:00	25.1	26.9	1.7	0.0200	0.0167	0.0000	1.7	W
6/3/2025 10:41:00	24.9	26.2	1.3	0.0200	0.0167	0.0000	1.7	W
6/3/2025 10:42:00	24.1	26.1	2.0	0.0213	0.0167	0.0000	1.7	WNW
6/3/2025 10:43:00	23.9	25.7	1.8	0.0220	0.0173	0.0000	1.7	WSW
6/3/2025 10:44:00	23.9	25.3	1.4	0.0213	0.0187	0.0000	1.7	SW
6/3/2025 10:45:00	23.9	25.8	1.9	0.0213	0.0187	0.0000	1.7	SW
6/3/2025 10:46:00	23.7	25.7	2.0	0.0213	0.0187	0.0000	1.7	SW
6/3/2025 10:47:00	22.2	24.8	2.6	0.0213	0.0187	0.0000	1.8	WSW
6/3/2025 10:48:00	21.0	24.6	3.6	0.0220	0.0180	0.0000	1.7	W
6/3/2025 10:49:00	20.7	23.7	3.0	0.0213	0.0187	0.0000	1.7	WSW
6/3/2025 10:50:00	19.7	23.6	3.9	0.0220	0.0180	0.0000	1.7	W
6/3/2025 10:51:00	19.3	22.6	3.4	0.0220	0.0180	0.0000	1.8	W
6/3/2025 10:52:00	18.9	22.2	3.4	0.0220	0.0173	0.0000	1.7	W
6/3/2025 10:53:00	18.9	21.4	2.6	0.0213	0.0173	0.0000	1.7	SW
6/3/2025 10:54:00	20.2	20.7	0.5	0.0200	0.0173	0.0000	1.7	SW
6/3/2025 10:55:00	19.5	20.7	1.2	0.0187	0.0167	0.0000	1.7	WSW
6/3/2025 10:56:00	18.9	19.7	0.8	0.0180	0.0160	0.0000	1.7	WSW
6/3/2025 10:57:00	18.9	19.1	0.3	0.0167	0.0160	0.0000	1.7	SW
6/3/2025 10:58:00	19.0	18.6	0.0	0.0153	0.0160	0.0007	1.7	SW
6/3/2025 10:59:00	18.4	18.3	0.0	0.0153	0.0147	0.0000	1.7	WNW
6/3/2025 11:00:00	17.8	17.3	0.0	0.0153	0.0140	0.0000	1.8	W
6/3/2025 11:01:00	16.8	17.1	0.3	0.0153	0.0133	0.0000	1.8	WSW
6/3/2025 11:02:00	16.7	16.8	0.1	0.0153	0.0133	0.0000	1.7	W
6/3/2025 11:03:00	16.4	16.7	0.3	0.0153	0.0133	0.0000	1.8	W
6/3/2025 11:04:00	16.1	16.7	0.6	0.0160	0.0127	0.0000	1.8	WSW
6/3/2025 11:05:00	15.9	16.4	0.6	0.0160	0.0127	0.0000	1.8	WSW
6/3/2025 11:06:00	15.9	15.8	0.0	0.0153	0.0127	0.0000	1.7	SW
6/3/2025 11:07:00	15.8	15.6	0.0	0.0147	0.0127	0.0000	1.7	WSW
6/3/2025 11:08:00	16.8	15.4	0.0	0.0140	0.0127	0.0000	1.7	SW
6/3/2025 11:09:00	16.7	15.3	0.0	0.0140	0.0127	0.0000	1.8	SW
6/3/2025 11:10:00	17.3	13.6	0.0	0.0140	0.0133	0.0000	1.8	SSW

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
6/3/2025 11:11:00	17.3	13.5	0.0	0.0140	0.0140	0.0000	1.8	W
6/3/2025 11:12:00	16.8	13.7	0.0	0.0147	0.0140	0.0000	1.8	WSW
6/3/2025 11:13:00	16.2	14.3	0.0	0.0153	0.0140	0.0000	1.8	W
6/3/2025 11:14:00	16.5	15.2	0.0	0.0160	0.0147	0.0000	1.9	WSW
6/3/2025 11:15:00	17.0	16.2	0.0	0.0167	0.0153	0.0000	1.9	WSW
6/3/2025 11:16:00	17.3	17.0	0.0	0.0173	0.0160	0.0000	1.9	WSW
6/3/2025 11:17:00	17.4	17.1	0.0	0.0167	0.0160	0.0000	2.0	W
6/3/2025 11:18:00	17.4	16.9	0.0	0.0160	0.0160	0.0000	2.0	WSW
6/3/2025 11:19:00	17.3	16.7	0.0	0.0153	0.0160	0.0007	2.1	WNW
6/3/2025 11:20:00	17.3	16.4	0.0	0.0147	0.0160	0.0013	2.1	WSW
6/3/2025 11:21:00	17.1	16.8	0.0	0.0147	0.0160	0.0013	2.2	WSW
6/3/2025 11:22:00	16.9	16.7	0.0	0.0140	0.0160	0.0020	2.1	W
6/3/2025 11:23:00	15.3	16.6	1.3	0.0140	0.0153	0.0013	2.1	SW
6/3/2025 11:24:00	13.5	16.6	3.1	0.0140	0.0147	0.0007	2.1	SW
6/3/2025 11:25:00	12.8	16.8	4.0	0.0140	0.0140	0.0000	2.1	W
6/3/2025 11:26:00	12.6	16.7	4.0	0.0127	0.0133	0.0007	2.0	W
6/3/2025 11:27:00	12.7	16.9	4.3	0.0120	0.0127	0.0007	2.0	WSW
6/3/2025 11:28:00	13.1	16.4	3.3	0.0113	0.0120	0.0007	2.0	SW
6/3/2025 11:29:00	13.8	15.3	1.4	0.0107	0.0113	0.0007	2.0	SW
6/3/2025 11:30:00	14.1	14.0	0.0	0.0100	0.0107	0.0007	2.0	WSW
6/3/2025 11:31:00	14.4	13.0	0.0	0.0093	0.0100	0.0007	2.0	SW
6/3/2025 11:32:00	14.2	12.9	0.0	0.0087	0.0100	0.0013	2.0	W
6/3/2025 11:33:00	14.2	12.8	0.0	0.0080	0.0100	0.0020	2.1	WSW
6/3/2025 11:34:00	14.3	12.8	0.0	0.0073	0.0100	0.0027	2.0	W
6/3/2025 11:35:00	14.4	13.0	0.0	0.0067	0.0100	0.0033	2.1	WSW
6/3/2025 11:36:00	14.5	12.9	0.0	0.0060	0.0100	0.0040	2.1	W
6/3/2025 11:37:00	14.8	13.0	0.0	0.0053	0.0100	0.0047	2.1	WNW
6/3/2025 11:38:00	15.0	13.5	0.0	0.0047	0.0100	0.0053	2.1	W
6/3/2025 11:39:00	15.1	14.0	0.0	0.0040	0.0100	0.0060	2.2	W
6/3/2025 11:40:00	15.4	14.0	0.0	0.0040	0.0093	0.0053	2.1	SW
6/3/2025 11:41:00	15.8	14.3	0.0	0.0040	0.0093	0.0053	2.1	WSW
6/3/2025 11:42:00	16.2	14.3	0.0	0.0033	0.0093	0.0060	2.1	W

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
6/3/2025 11:43:00	15.9	14.7	0.0	0.0027	0.0093	0.0067	2.2	W
6/3/2025 11:44:00	15.7	14.9	0.0	0.0027	0.0087	0.0060	2.1	SW
6/3/2025 11:45:00	15.1	16.0	0.9	0.0020	0.0087	0.0067	2.1	W
6/3/2025 11:46:00	14.5	16.9	2.3	0.0013	0.0087	0.0073	2.1	WNW
6/3/2025 11:47:00	14.4	16.9	2.5	0.0013	0.0087	0.0073	2.1	WSW
6/3/2025 11:48:00	14.6	16.9	2.4	0.0013	0.0087	0.0073	2.0	W
6/3/2025 11:49:00	14.6	17.5	3.0	0.0013	0.0087	0.0073	2.0	W
6/3/2025 11:50:00	15.6	17.4	1.8	0.0020	0.0080	0.0060	1.9	WSW
6/3/2025 11:51:00	15.6	20.7	5.1	0.0020	0.0080	0.0060	1.9	WSW
6/3/2025 11:52:00	18.5	20.6	2.2	0.0027	0.0073	0.0047	1.9	SW
6/3/2025 11:53:00	19.9	20.3	0.4	0.0033	0.0067	0.0033	1.8	SW
6/3/2025 11:54:00	21.5	19.8	0.0	0.0040	0.0060	0.0020	1.8	SW
6/3/2025 11:55:00	21.2	19.7	0.0	0.0033	0.0067	0.0033	1.8	W
6/3/2025 11:56:00	21.2	19.2	0.0	0.0040	0.0060	0.0020	1.8	SW
6/3/2025 11:57:00	20.8	18.7	0.0	0.0047	0.0053	0.0007	1.8	WSW
6/3/2025 11:58:00	20.6	19.0	0.0	0.0047	0.0053	0.0007	1.7	W
6/3/2025 11:59:00	21.6	18.7	0.0	0.0047	0.0053	0.0007	1.7	SW
6/3/2025 12:00:00	23.7	21.1	0.0	0.0053	0.0047	0.0000	1.8	SW
6/3/2025 12:01:00	26.0	20.8	0.0	0.0060	0.0040	0.0000	1.7	SW
6/3/2025 12:02:00	26.6	20.6	0.0	0.0067	0.0040	0.0000	1.7	SW
6/3/2025 12:03:00	27.3	20.4	0.0	0.0073	0.0033	0.0000	1.7	SW
6/3/2025 12:04:00	29.0	19.8	0.0	0.0080	0.0027	0.0000	1.6	SSW
6/3/2025 12:05:00	28.7	19.8	0.0	0.0080	0.0027	0.0000	1.6	WSW
6/3/2025 12:06:00	30.2	16.7	0.0	0.0087	0.0027	0.0000	1.7	SW
6/3/2025 12:07:00	29.2	16.9	0.0	0.0087	0.0033	0.0000	1.7	SSW
6/3/2025 12:08:00	27.4	18.6	0.0	0.0087	0.0040	0.0000	1.8	WSW
6/3/2025 12:09:00	27.2	18.5	0.0	0.0087	0.0040	0.0000	1.7	SW
6/3/2025 12:10:00	27.0	19.3	0.0	0.0087	0.0040	0.0000	1.8	W
6/3/2025 12:11:00	27.0	19.4	0.0	0.0080	0.0047	0.0000	1.9	W
6/3/2025 12:12:00	28.2	20.0	0.0	0.0080	0.0047	0.0000	1.9	SW
6/3/2025 12:13:00	29.0	19.2	0.0	0.0087	0.0040	0.0000	2.1	SW
6/3/2025 12:14:00	27.0	19.5	0.0	0.0080	0.0047	0.0000	2.2	W

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
6/3/2025 12:15:00	25.0	16.1	0.0	0.0073	0.0047	0.0000	2.2	SW
6/3/2025 12:16:00	23.6	15.5	0.0	0.0073	0.0047	0.0000	2.2	SW
6/3/2025 12:17:00	23.1	16.5	0.0	0.0067	0.0047	0.0000	2.3	W
6/3/2025 12:18:00	22.6	17.9	0.0	0.0060	0.0053	0.0000	2.3	W
6/3/2025 12:19:00	20.8	20.3	0.0	0.0053	0.0060	0.0007	2.2	NNW
6/3/2025 12:20:00	19.7	20.6	0.9	0.0047	0.0067	0.0020	2.3	W
6/3/2025 12:21:00	17.8	21.2	3.4	0.0040	0.0067	0.0027	2.4	W
6/3/2025 12:22:00	15.5	22.7	7.2	0.0033	0.0067	0.0033	2.4	WNW
6/3/2025 12:23:00	15.5	23.1	7.6	0.0027	0.0067	0.0040	2.3	W
6/3/2025 12:24:00	13.6	23.2	9.6	0.0020	0.0073	0.0053	2.3	WSW
6/3/2025 12:25:00	14.1	22.1	8.0	0.0027	0.0067	0.0040	2.2	SW
6/3/2025 12:26:00	14.7	21.8	7.1	0.0033	0.0060	0.0027	2.1	WSW
6/3/2025 12:27:00	14.4	20.9	6.5	0.0033	0.0060	0.0027	2.0	SSW
6/3/2025 12:28:00	13.5	21.3	7.8	0.0027	0.0060	0.0033	1.8	NNE
6/3/2025 12:29:00	13.3	22.6	9.3	0.0027	0.0053	0.0027	1.5	SE
6/3/2025 12:30:00	14.4	22.5	8.1	0.0027	0.0053	0.0027	1.6	W
6/3/2025 12:31:00	13.1	24.8	11.8	0.0020	0.0053	0.0033	1.6	W
6/3/2025 12:32:00	12.7	24.4	11.7	0.0020	0.0047	0.0027	1.5	WSW
6/3/2025 12:33:00	12.3	23.3	11.0	0.0020	0.0047	0.0027	1.6	WSW
6/3/2025 12:34:00	12.1	21.3	9.2	0.0020	0.0047	0.0027	1.8	W
6/3/2025 12:35:00	12.2	20.7	8.4	0.0020	0.0040	0.0020	1.7	W
6/3/2025 12:36:00	13.4	19.8	6.4	0.0020	0.0033	0.0013	1.7	SW
6/3/2025 12:37:00	14.6	18.2	3.6	0.0020	0.0027	0.0007	1.6	SSW
6/3/2025 12:38:00	15.8	17.0	1.3	0.0027	0.0020	0.0000	1.5	SSE
6/3/2025 12:39:00	16.1	18.3	2.2	0.0033	0.0013	0.0000	1.5	SSW
6/3/2025 12:40:00	16.5	18.5	1.9	0.0027	0.0013	0.0000	1.5	WSW
6/3/2025 12:41:00	16.4	18.6	2.2	0.0020	0.0013	0.0000	1.4	SSW
6/3/2025 12:42:00	15.2	19.9	4.7	0.0013	0.0013	0.0000	1.5	WSW
6/3/2025 12:43:00	17.0	19.5	2.5	0.0020	0.0013	0.0000	1.5	S
6/3/2025 12:44:00	19.5	17.7	0.0	0.0027	0.0013	0.0000	1.6	SW
6/3/2025 12:45:00	22.9	17.7	0.0	0.0033	0.0013	0.0000	1.6	SW
6/3/2025 12:46:00	23.3	17.5	0.0	0.0033	0.0020	0.0000	1.6	WSW

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
6/3/2025 12:47:00	25.1	17.0	0.0	0.0040	0.0020	0.0000	1.6	SW
6/3/2025 12:48:00	25.0	19.8	0.0	0.0040	0.0013	0.0000	1.6	W
6/3/2025 12:49:00	26.2	19.2	0.0	0.0040	0.0007	0.0000	1.5	WSW
6/3/2025 12:50:00	26.1	22.1	0.0	0.0040	0.0007	0.0000	1.5	WSW
6/3/2025 12:51:00	27.0	22.8	0.0	0.0047	0.0007	0.0000	1.5	SSW
6/3/2025 12:52:00	27.6	23.6	0.0	0.0047	0.0013	0.0000	1.6	W
6/3/2025 12:53:00	27.0	23.9	0.0	0.0040	0.0020	0.0000	1.6	WNW
6/3/2025 12:54:00	26.8	23.2	0.0	0.0033	0.0027	0.0000	1.6	W
6/3/2025 12:55:00	25.8	23.2	0.0	0.0033	0.0033	0.0000	1.6	W
6/3/2025 12:56:00	25.6	23.2	0.0	0.0033	0.0040	0.0007	1.6	WNW
6/3/2025 12:57:00	25.9	22.7	0.0	0.0033	0.0047	0.0013	1.5	WNW
6/3/2025 12:58:00	24.3	23.0	0.0	0.0027	0.0053	0.0027	1.5	W
6/3/2025 12:59:00	22.1	23.2	1.2	0.0020	0.0060	0.0040	1.4	NW
6/3/2025 13:00:00	17.4	23.3	5.9	0.0013	0.0067	0.0053	1.4	WNW
6/3/2025 13:01:00	17.3	21.1	3.9	0.0013	0.0067	0.0053	1.4	WSW
6/3/2025 13:02:00	15.8	21.6	5.9	0.0007	0.0073	0.0067	1.4	WSW
6/3/2025 13:03:00	15.9	19.6	3.7	0.0007	0.0080	0.0073	1.3	W
6/3/2025 13:04:00	15.0	20.2	5.2	0.0007	0.0087	0.0080	1.4	WSW
6/3/2025 13:05:00	15.7	17.6	1.9	0.0013	0.0087	0.0073	1.3	SSW
6/3/2025 13:06:00	14.2	17.8	3.6	0.0013	0.0087	0.0073	1.3	SSW
6/3/2025 13:07:00	12.7	17.0	4.3	0.0020	0.0080	0.0060	1.2	SW
6/3/2025 13:08:00	12.1	15.6	3.5	0.0020	0.0073	0.0053	1.2	W
6/3/2025 13:09:00	12.0	15.0	3.0	0.0020	0.0067	0.0047	1.2	SW
6/3/2025 13:10:00	12.0	15.2	3.2	0.0020	0.0060	0.0040	1.2	SW
6/3/2025 13:11:00	12.0	15.9	4.0	0.0020	0.0060	0.0040	1.3	WNW
6/3/2025 13:12:00	12.6	16.2	3.6	0.0020	0.0060	0.0040	1.3	WNW
6/3/2025 13:13:00	12.5	16.9	4.4	0.0020	0.0060	0.0040	1.3	NW
6/3/2025 13:14:00	14.1	18.0	3.9	0.0027	0.0053	0.0027	1.3	SW
6/3/2025 13:15:00	15.1	20.1	4.9	0.0033	0.0047	0.0013	1.4	WSW
6/3/2025 13:16:00	16.3	22.3	6.0	0.0040	0.0047	0.0007	1.4	W
6/3/2025 13:17:00	17.4	28.8	11.4	0.0040	0.0047	0.0007	1.3	WNW
6/3/2025 13:18:00	18.2	44.3	26.1	0.0040	0.0047	0.0007	1.3	W

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
6/3/2025 13:19:00	21.4	44.7	23.3	0.0047	0.0040	0.0000	1.3	WSW
6/3/2025 13:20:00	20.8	45.4	24.6	0.0040	0.0047	0.0007	1.3	W
6/3/2025 13:21:00	20.3	44.9	24.7	0.0033	0.0053	0.0020	1.4	WSW
6/3/2025 13:22:00	20.5	44.7	24.2	0.0027	0.0053	0.0027	1.4	WNW
6/3/2025 13:23:00	20.8	45.3	24.5	0.0027	0.0053	0.0027	1.5	WNW
6/3/2025 13:24:00	21.8	46.0	24.1	0.0027	0.0053	0.0027	1.5	WSW
6/3/2025 13:25:00	22.3	55.3	33.0	0.0027	0.0060	0.0033	1.6	W
6/3/2025 13:26:00	25.0	55.1	30.1	0.0033	0.0053	0.0020	1.6	SSW
6/3/2025 13:27:00	25.4	55.3	29.8	0.0040	0.0047	0.0007	1.6	SW
6/3/2025 13:28:00	26.6	56.0	29.4	0.0040	0.0047	0.0007	1.8	WSW
6/3/2025 13:29:00	25.8	55.9	30.1	0.0033	0.0053	0.0020	1.9	W
6/3/2025 13:30:00	24.5	55.9	31.4	0.0027	0.0060	0.0033	2.0	W
6/3/2025 13:31:00	23.2	54.9	31.7	0.0020	0.0060	0.0040	2.2	W
6/3/2025 13:32:00	21.9	48.3	26.4	0.0020	0.0060	0.0040	2.3	W
6/3/2025 13:33:00	20.9	32.7	11.8	0.0020	0.0060	0.0040	2.3	W
6/3/2025 13:34:00	18.2	31.8	13.6	0.0020	0.0060	0.0040	2.3	SW
6/3/2025 13:35:00	18.0	30.7	12.7	0.0020	0.0060	0.0040	2.3	WSW
6/3/2025 13:36:00	18.5	30.1	11.6	0.0027	0.0053	0.0027	2.3	WSW
6/3/2025 13:37:00	18.7	30.0	11.3	0.0033	0.0053	0.0020	2.3	SW
6/3/2025 13:38:00	19.4	29.3	9.9	0.0033	0.0053	0.0020	2.3	SW
6/3/2025 13:39:00	18.3	29.1	10.8	0.0033	0.0053	0.0020	2.2	WNW
6/3/2025 13:40:00	18.9	19.2	0.3	0.0033	0.0047	0.0013	2.1	SW
6/3/2025 13:41:00	15.8	20.4	4.6	0.0027	0.0047	0.0020	2.0	NNW
6/3/2025 13:42:00	14.9	20.0	5.1	0.0020	0.0047	0.0027	2.0	SW
6/3/2025 13:43:00	14.0	20.5	6.5	0.0020	0.0040	0.0020	2.0	W
6/3/2025 13:44:00	14.9	19.9	5.0	0.0020	0.0033	0.0013	2.0	WSW
6/3/2025 13:45:00	15.5	19.5	3.9	0.0020	0.0033	0.0013	1.9	WSW
6/3/2025 13:46:00	16.6	19.6	3.0	0.0020	0.0033	0.0013	1.8	WSW
6/3/2025 13:47:00	17.4	19.2	1.8	0.0027	0.0027	0.0000	1.7	SSW
6/3/2025 13:48:00	17.8	18.4	0.6	0.0033	0.0020	0.0000	1.7	SW
6/3/2025 13:49:00							1.7	W
6/3/2025 13:50:00							1.7	WSW

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
6/3/2025 13:51:00							1.7	W
6/3/2025 13:52:00							1.7	W
6/3/2025 13:53:00							1.9	W
6/3/2025 13:54:00							2.0	W
6/3/2025 13:55:00							2.0	SW