SITE OBSERVATION REPORT - RAWP Implementation – Day 92

LANGAN

PROJECT No.:	170390001	**CLIENT:**		**DATE:**	Tuesday, November 18, 2025
PROJECT:	141 3rd Street		Third Street Owner LLC and 155 Third St., LLC	**WEATHER:**	Partly Cloudy, 35 – 53^{0}F Wind: NNE @ 1 – 3 mph
LOCATION:	Brooklyn, New York			**TIME:**	6:45 a.m. – 3:30 p.m.
BCP SITE ID:	C224336				

EQUIPMENT: (1) Hyundai HX 520L Hydraulic Excavator (2) Aeroqual Air Monitoring Stations (1) MiniRAE 3000 Photoionization Detector (PID) Hand Tools	**PRESENT AT SITE:** **Langan**: Jessie Almont, Savannah Walters **New Leaf:** Laura Wynne, Joe Sullivan **Monadnock Construction, Inc. (Monadnock):** Bob Hempfling, John Henry, Gisella Barerra

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 2023

Site Activities

- New Leaf used a Hyundai HX 520L excavator to relocate two stockpiles of from the northern and central parts of site to the central and southern parts of site.
    - Relocated material consisted of construction and demolition (C&D) debris and was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts were not observed. Relocated material was placed on and covered with polyethylene (poly) sheeting at the end of the workday.
- New Leaf used a Hyundai HX 520L excavator to demolish concrete in an approximately 25-foot-long by 15-foot-wide area in the northern part of site.
    - Excavated material consisted of C&D debris and was screened for odors, staining, and organic vapors using a PID. Evidence of impacts were not observed. Excavated material was placed on and covered with poly sheeting at the end of the workday.

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 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.
- Two 55-gallon drums containing purged groundwater are staged in the southern part of the site.
- Three 55-gallon drums containing drill cuttings are staged in the eastern part of the site.
- One 55-gallon drum containing spent personal protective equipment (PPE) is staged in the southeastern part of the site.

Anticipated Activities

- New Leaf will continue slab demolition in the northern part of the site.
- New Leaf will begin drilling displacement piles.

SITE PHOTOGRAPHS:

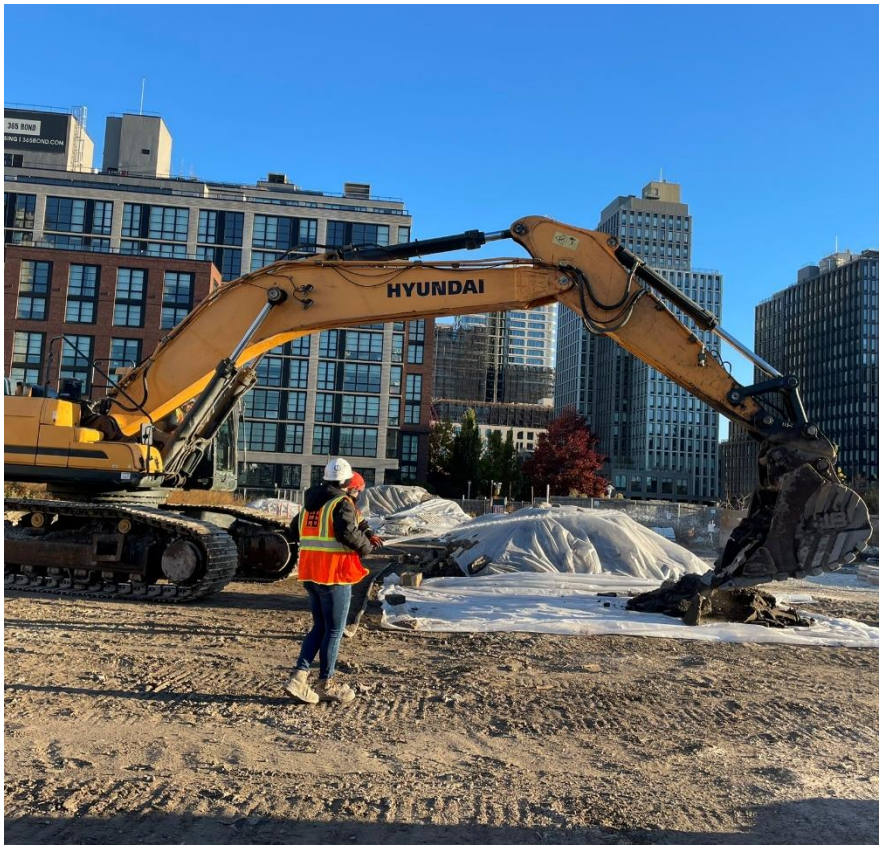
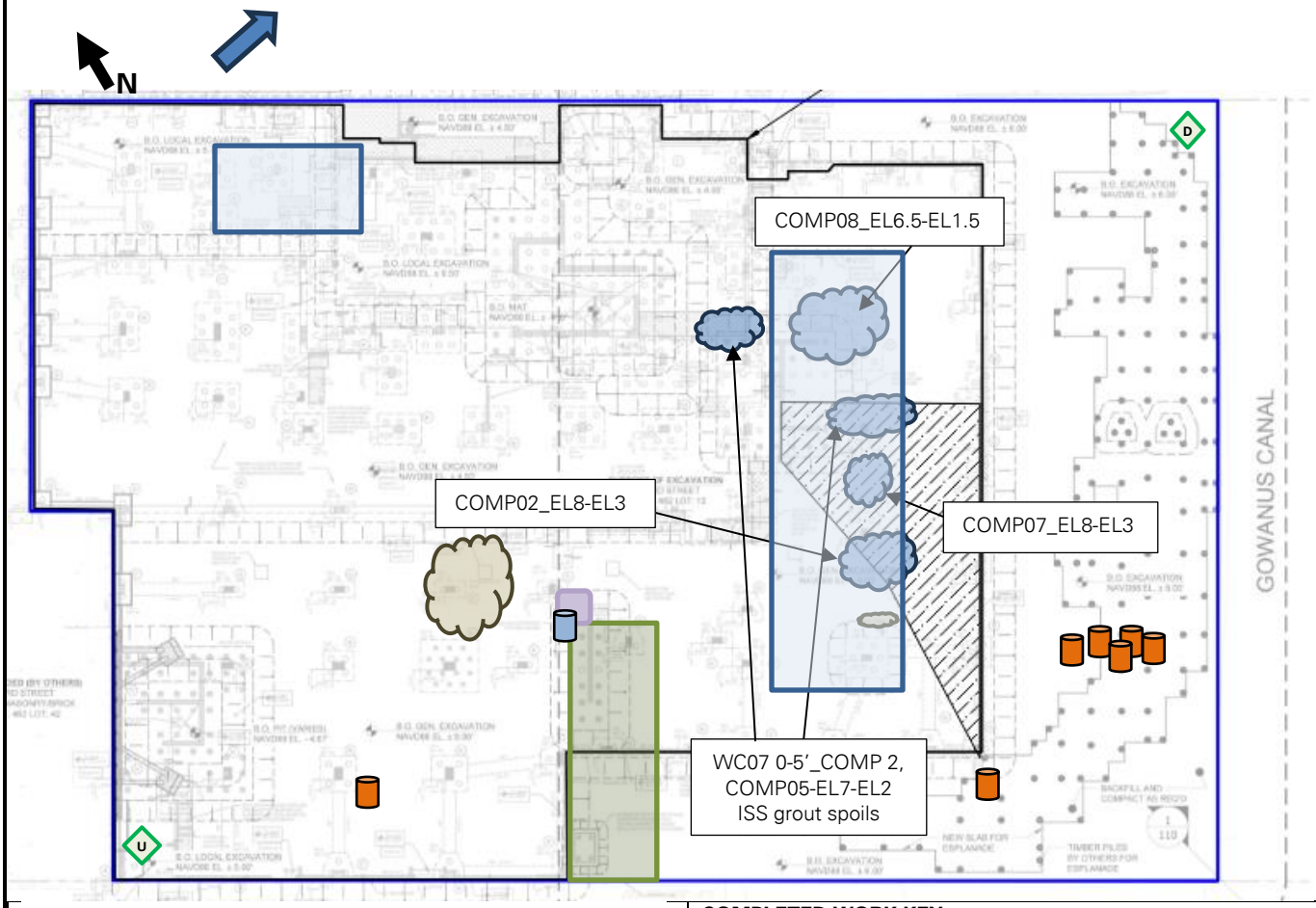


Photo 1: New Leaf relocating C&D debris stockpile to the southern part of site (facing northeast).



Photo 2: New Leaf removing the concrete slab in the northern part of site (facing north).

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

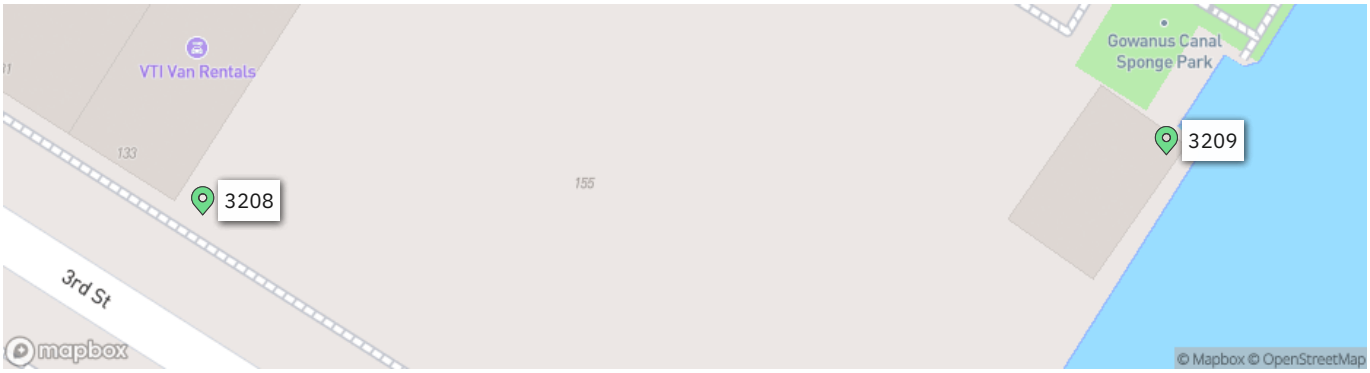
- Approximate work area
- Approximate location of upwind CAMP station
- Approximate location of downwind CAMP station
- Approximate location of drum
- Approximate location of truck wash drum
- Approximate wind direction
- Stockpiled soil/fill
- Stockpiled C&D debris
- Stockpiled imported stone
- Temporary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

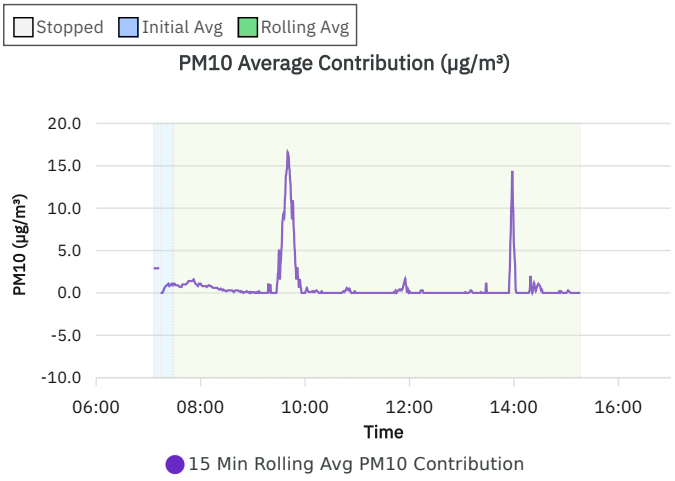
Base map includes Figure 5 – Pre-ISS Excavation Plan from the NYSDEC-approved RDD for ISS, prepared by Langan Engineering, dated 4/5/2024

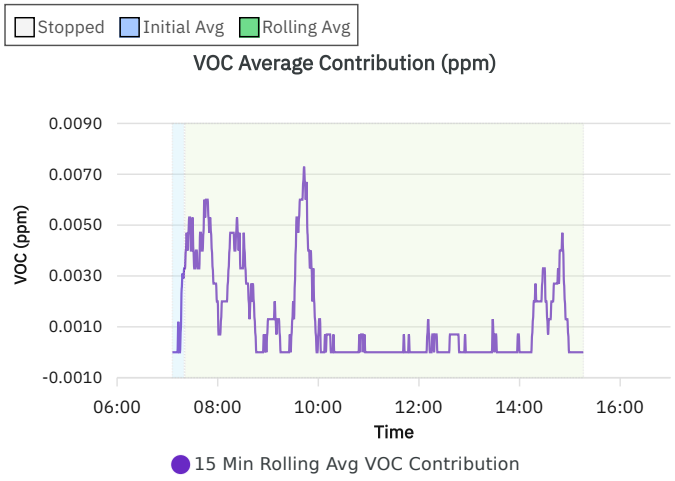
LANGAN	Site Contribution Report	170390002 - 155 3rd St Brooklyn	
		Report Period	
		From:	11/18/2025 06:00
		To:	11/18/2025 17:00
		PM10 Action Level:	150 µg/m³
		VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
11/18/2025	34.7 - 53.1	31.7 - 52.5	30.2 - 30.3	0.5 - 3.3	SSW

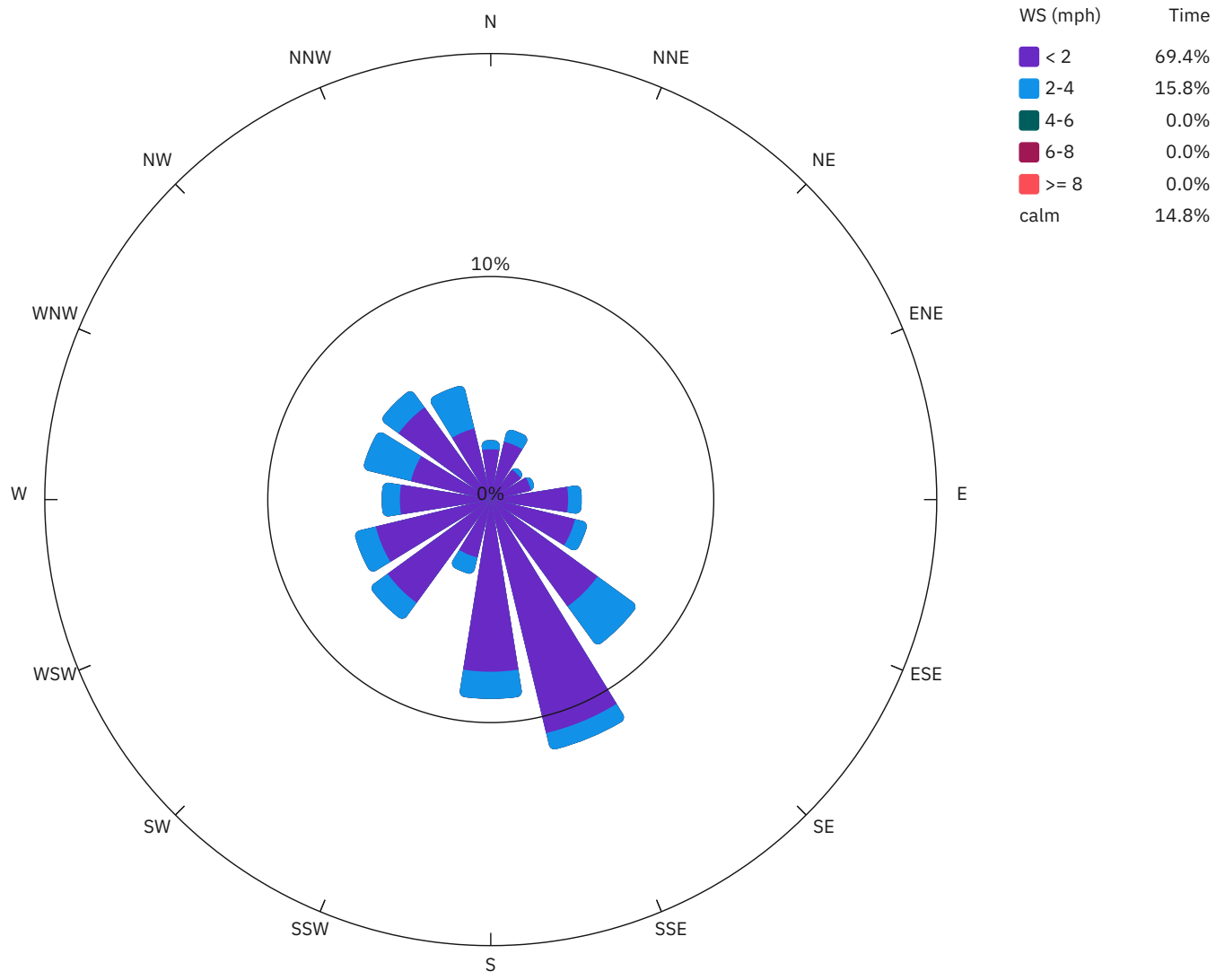
Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 11/18/2025	0.0	07:15	0.0000	07:15
Max Contribution (15 min avg.) - 11/18/2025	8.7	09:45	0.0060	09:45
Daily Avg. Contribution (15 min avg.) - 11/18/2025	0.8	-	0.0012	-



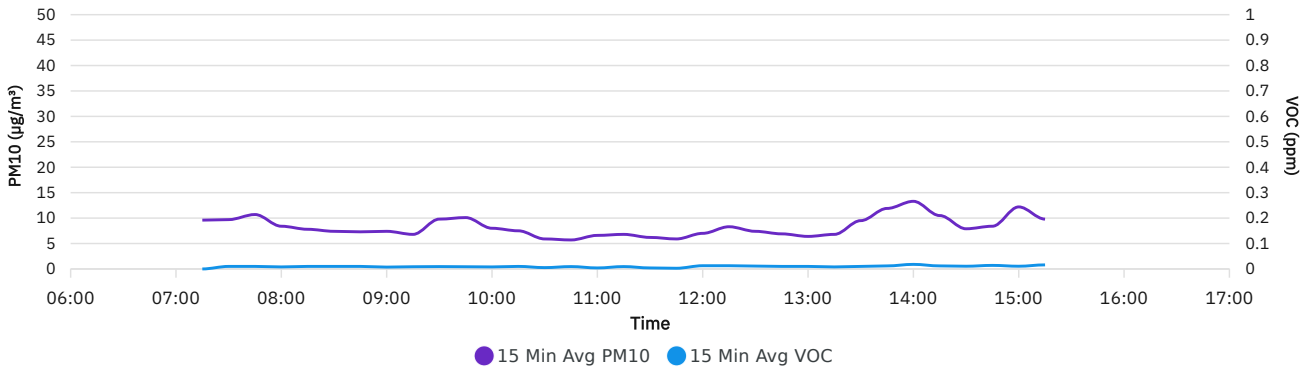




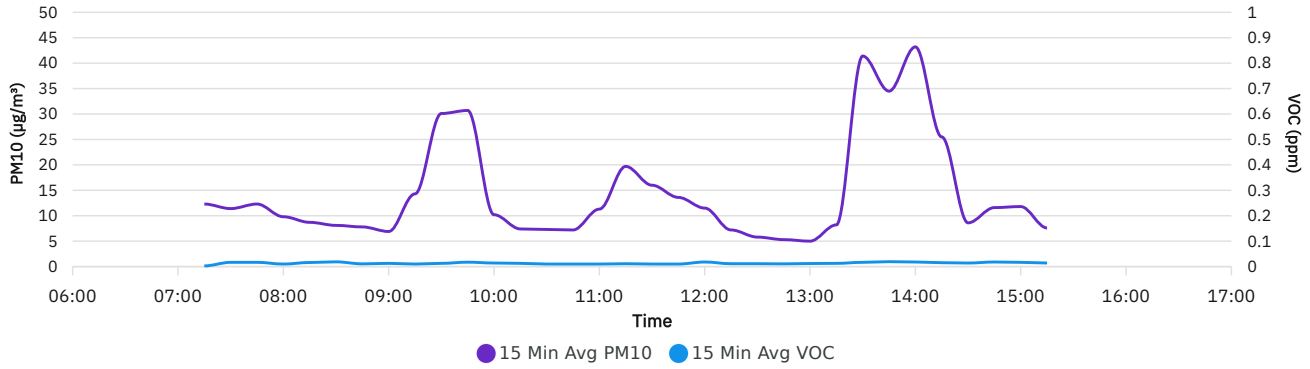
Wind rose (mph)



3208



3209


50
45
40
35
30
25
20
15
10
5
0
PM10 (µg/m³)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
VOC (ppm)
06:00
07:00
08:00
09:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
Time
15 Min Avg PM10
15 Min Avg VOC

DER-10 Summary: 15 Min Rolling Avg Data

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	Wind Direction
11/18/2025 07:15	11.3	9.9	0.0	0.0020	0.0010	0.0000	0.5	WNW
11/18/2025 07:30	10.0	11.1	1.1	0.0107	0.0160	0.0053	0.7	W
11/18/2025 07:45	10.9	12.1	1.2	0.0107	0.0160	0.0053	0.9	WNW
11/18/2025 08:00	8.6	9.7	1.1	0.0080	0.0100	0.0020	0.9	W
11/18/2025 08:15	7.9	8.5	0.6	0.0107	0.0153	0.0047	0.9	W
11/18/2025 08:30	7.6	7.9	0.2	0.0127	0.0160	0.0033	0.8	WSW
11/18/2025 08:45	7.5	7.7	0.2	0.0100	0.0107	0.0007	0.7	SSW
11/18/2025 09:00	7.1	7.2	0.1	0.0093	0.0107	0.0013	0.7	SSW
11/18/2025 09:15	11.6	9.5	0.0	0.0093	0.0093	0.0000	0.8	S
11/18/2025 09:30	17.4	22.5	5.1	0.0100	0.0120	0.0020	0.4	WNW
11/18/2025 09:45	16.0	24.7	8.7	0.0100	0.0160	0.0060	0.7	W
11/18/2025 10:00	9.2	9.0	0.0	0.0107	0.0113	0.0007	0.5	WSW
11/18/2025 10:15	7.4	7.5	0.1	0.0113	0.0113	0.0000	0.1	E
11/18/2025 10:30	6.7	6.5	0.0	0.0080	0.0073	0.0000	0.9	NNE
11/18/2025 10:45	6.4	6.5	0.1	0.0100	0.0093	0.0000	0.5	SSW
11/18/2025 11:00	10.6	7.3	0.0	0.0080	0.0060	0.0000	1.0	SE
11/18/2025 11:15	16.9	9.6	0.0	0.0107	0.0100	0.0000	0.9	SE
11/18/2025 11:30	13.8	8.4	0.0	0.0087	0.0053	0.0000	0.8	ESE
11/18/2025 11:45	10.2	9.2	0.0	0.0067	0.0060	0.0000	1.3	SSE
11/18/2025 12:00	9.2	9.4	0.2	0.0153	0.0153	0.0000	0.5	SE
11/18/2025 12:15	7.6	7.9	0.3	0.0120	0.0120	0.0000	0.7	SSE
11/18/2025 12:30	6.9	6.3	0.0	0.0113	0.0113	0.0000	0.4	WSW
11/18/2025 12:45	6.5	5.7	0.0	0.0100	0.0107	0.0007	0.6	SW
11/18/2025 13:00	5.9	5.6	0.0	0.0113	0.0107	0.0000	0.6	S
11/18/2025 13:15	7.7	7.4	0.0	0.0127	0.0080	0.0000	1.3	SSE
11/18/2025 13:30	27.4	23.6	0.0	0.0133	0.0133	0.0000	0.3	S
11/18/2025 13:45	28.3	18.2	0.0	0.0173	0.0140	0.0000	0.9	SSE
11/18/2025 14:00	25.5	30.9	5.4	0.0180	0.0180	0.0000	0.4	WNW
11/18/2025 14:15	21.6	14.4	0.0	0.0133	0.0140	0.0007	0.3	NNE
11/18/2025 14:30	7.8	8.6	0.8	0.0107	0.0140	0.0033	0.3	WSW
11/18/2025 14:45	10.3	9.7	0.0	0.0147	0.0173	0.0027	0.4	S

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	Wind Direction
11/18/2025 15:00	12.0	12.0	0.0	0.0140	0.0133	0.0000	0.7	SSW
11/18/2025 15:15	9.4	8.0	0.0	0.0160	0.0140	0.0000	0.6	WSW

Air Monitoring Data by Location: 15 Min Avg Data

Date/Time	3208 PM10 (µg/m³)	3208 VOC (ppm)	3209 PM10 (µg/m³)	3209 VOC (ppm)	Wind Direction	Wind Speed
11/18/2025 07:15	9.6	0.0000	12.3	0.0027	WNW	0.5
11/18/2025 07:30	9.7	0.0100	11.4	0.0167	W	0.7
11/18/2025 07:45	10.7	0.0100	12.3	0.0167	WNW	0.9
11/18/2025 08:00	8.4	0.0080	9.8	0.0100	W	0.9
11/18/2025 08:15	7.8	0.0100	8.7	0.0160	W	0.9
11/18/2025 08:30	7.4	0.0100	8.1	0.0187	WSW	0.8
11/18/2025 08:45	7.3	0.0100	7.8	0.0107	SSW	0.7
11/18/2025 09:00	7.4	0.0073	6.9	0.0127	SSW	0.7
11/18/2025 09:15	6.8	0.0087	14.3	0.0100	S	0.8
11/18/2025 09:30	9.8	0.0093	30.1	0.0127	WNW	0.4
11/18/2025 09:45	10.1	0.0087	30.7	0.0173	W	0.7
11/18/2025 10:00	8.0	0.0080	10.2	0.0140	WSW	0.5
11/18/2025 10:15	7.5	0.0100	7.4	0.0127	E	0.1
11/18/2025 10:30	5.9	0.0053	7.3	0.0100	NNE	0.9
11/18/2025 10:45	5.7	0.0093	7.2	0.0100	SSW	0.5
11/18/2025 11:00	6.6	0.0040	11.3	0.0100	SE	1.0
11/18/2025 11:15	6.8	0.0093	19.7	0.0113	SE	0.9
11/18/2025 11:30	6.2	0.0040	16.0	0.0100	ESE	0.8
11/18/2025 11:45	5.9	0.0027	13.6	0.0100	SSE	1.3
11/18/2025 12:00	7.0	0.0127	11.5	0.0180	SE	0.5
11/18/2025 12:15	8.3	0.0127	7.2	0.0113	SSE	0.7
11/18/2025 12:30	7.4	0.0113	5.8	0.0113	WSW	0.4
11/18/2025 12:45	6.9	0.0100	5.3	0.0107	SW	0.6
11/18/2025 13:00	6.4	0.0100	5.0	0.0120	S	0.6
11/18/2025 13:15	6.8	0.0080	8.2	0.0127	SSE	1.3
11/18/2025 13:30	9.5	0.0100	41.4	0.0167	S	0.3
11/18/2025 13:45	11.9	0.0120	34.5	0.0193	SSE	0.9
11/18/2025 14:00	13.3	0.0180	43.2	0.0180	WNW	0.4
11/18/2025 14:15	10.5	0.0120	25.5	0.0153	NNE	0.3
11/18/2025 14:30	7.9	0.0107	8.6	0.0140	WSW	0.3
11/18/2025 14:45	8.4	0.0140	11.6	0.0180	S	0.4
11/18/2025 15:00	12.2	0.0107	11.8	0.0167	SSW	0.7
11/18/2025 15:15	9.8	0.0160	7.6	0.0140	WSW	0.6