

DAILY FIELD REPORT 046

Prepared By: LANGAN

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

BCP Project No:	C231153	Date:	August 9, 2023
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Project Name:	Kasser Scrap Metal and Rector Cleaners Site	Time:	6:45 am to 4:00 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)

Drilling Subcontractor: Aquifer Drilling and Testing (ADT)

Langan Field Personnel:

Caitlyn Dempsey (Environmental)

Bill Bohrer (Environmental)

Xianglei Zheng (Geotechnical)

Work Activities Performed:

- Aquifer Drilling and Testing (ADT) under contract to Urban drilled one, 3-inch core (ISS-1-C1) through the center of in-situ stabilization (ISS) Column #1 to about 25 feet below grade surface (bgs) (about elevation¹ -19) using a CME 54 mobile drilling rig with a 4-7/8-inch coring bit and PQ core barrel. Soil mix coring is being implemented as part of the quality assurance/quality control (QA/QC) program for the ISS of non-aqueous phase liquid (NAPL)-contaminated soil established in the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work plan (RAWP).
 - Recovered cores were screened with a photoionization detector (PID). Elevated PID readings were not observed. Detailed soil mix coring logs will be included in the Final Engineering Report (FER).
- Urban graded an about 150-foot-long by 100-foot-wide area of soil/fill in the western part of waste characterization grid WC02 to prepare for equipment mobilization.
- Graded soil/fill consisted of non-native soil; odors, staining, elevated PID readings, or other evidence of a petroleum or chemical release were not observed.
- Urban installed two caisson casings using a CAT00 Custom Build 3 Double L drilling rig in the central part of the site.
- Urban drilled one rock socket for one caisson using a Bauer BG 28H drilling rig in the eastern part of the site.

Material Tracking:

- The following soil/fill was exported from the site:
 - 3 loads of soil/fill from waste characterization grids WC03_0-5 and WC04_0-5 to the Bayshore Soil Management, LLC facility in Keasbey, NJ.
- No material was imported to the site.

¹ Elevations are based on the North American Vertical Datum of 1988 (NAVD88)

Materials Export Summary								
Facility Name	<i>Bayshore Soil Management, LLC</i>		<i>Clean Earth of Carteret, LLC</i>		<i>PPark NJ</i>		<i>Faztec Solutions</i>	
Location	<i>Keasbey, NJ</i>		<i>Carteret, NJ</i>		<i>Prospect Park, NJ</i>		<i>Staten Island, NY</i>	
Type of Waste	<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>Non-hazardous Soil</i>		<i>C&D</i>	
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)
	3	60	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)
	61	1,220	29	580	0	-	14	280

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

Samples Collected:

- Langan collected one soil-mix core sample (ISS-1-C1_el-7.5_to_-9) for laboratory analysis of compressive strength and hydraulic conductivity as part of the soil mixing QA/QC program. The core sample will be analyzed for compressive strength by Fenagh Engineering and hydraulic conductivity by TerraSense.

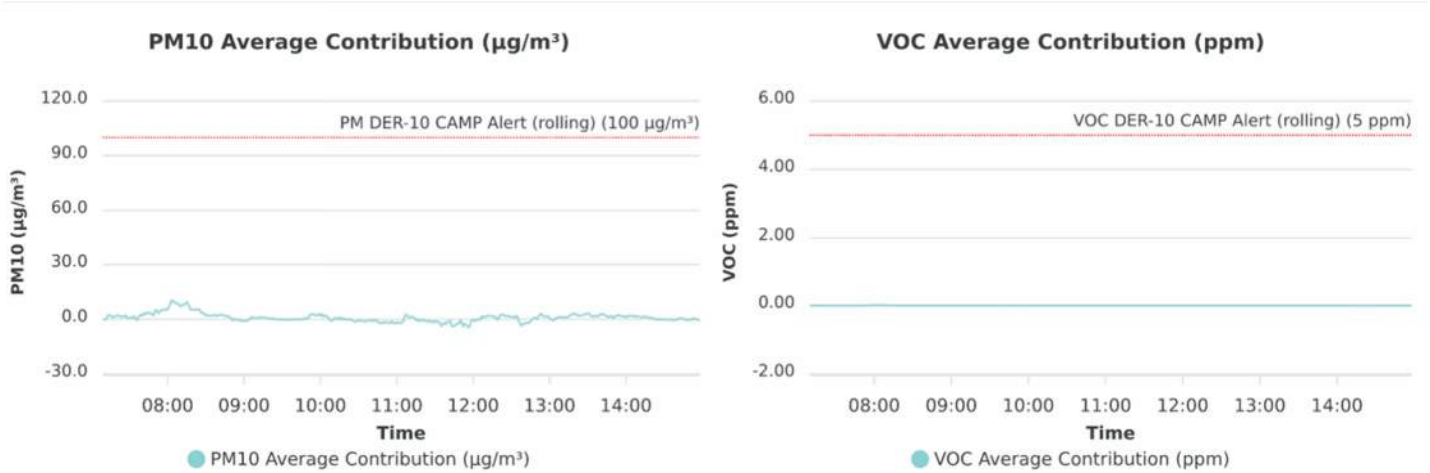
Air Monitoring:

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 level of 100 µg/m³ and 5 ppm, respectively, on this day.

Particulate Monitoring (µg/m ³)		Organic Vapor Monitoring (ppm)	
Daily Background	6.8	Daily Background	0.00
PM10 Average Site Contribution (Minimum)	-4.3	VOC Average Site Contribution (Minimum)	-0.01
PM10 Average Site Contribution (Maximum)	10.3	VOC Average Site Contribution (Maximum)	0.01

µg/m³: micrograms per cubic meter.

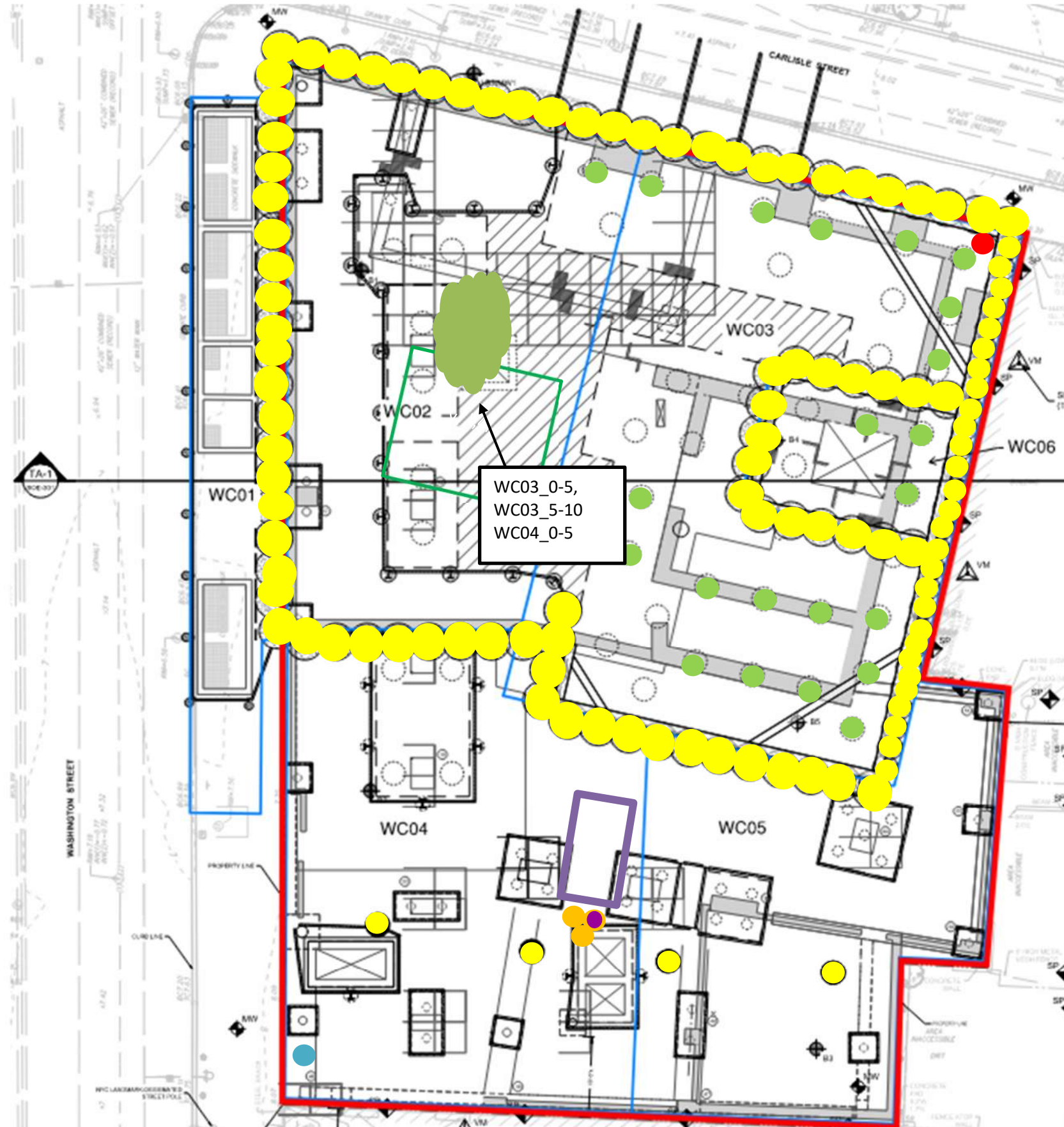
ppm: parts per million.



Planned Activities:

- Urban will continue installing caisson casings throughout the site.
- Urban will export soil/fill from WC03_0-5 and WC03_5-10.
- Urban will continue advancing cores through the previously installed ISS columns for sampling and analysis.

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**
- Completed Soil-Mix Core**
- Approximate Location of the Former 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: ADT using a CME 54 drilling rig to advance a core through ISS Column #1 for inspection and sampling (facing south).



Photo 2: View of a collected soil mix core from ISS Column #1 (facing east).



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 east).



LANGAN	Air Monitoring Report	170695201 - 111 Washington St	
		Report Period	
		From:	8/9/2023 00:00
		To:	8/9/2023 23:59
		PM10 Action Level:	100 µg/m³
VOC Action Level:	5 ppm		

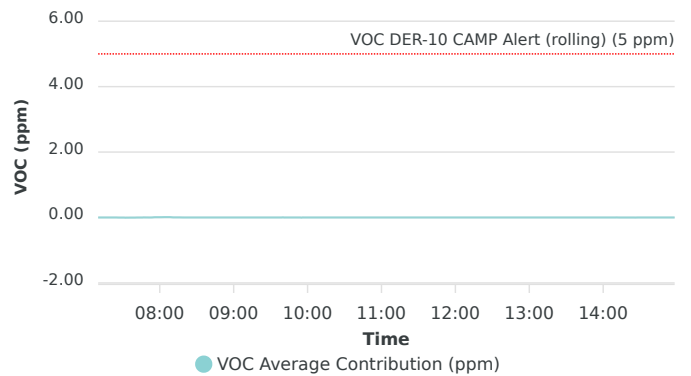
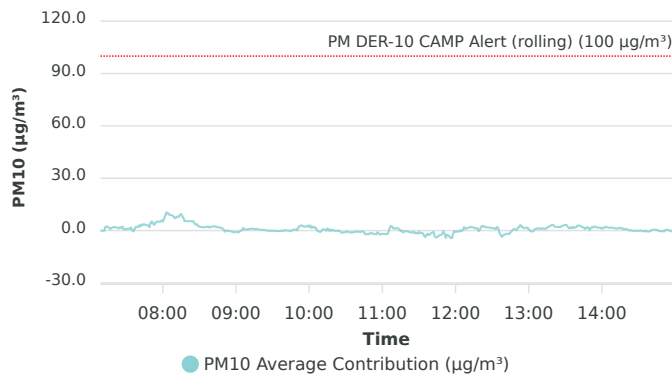
Daily Environmental Summary	Windspeed (mph)	Prevailing wind direction
8/9/2023	0.3-4.6	SE

Daily Monitoring Summary	PM10 (µg/m³)	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 8/9/2023	-4.3	11:56	-0.01	07:32
Max Contribution (15 min avg.) - 8/9/2023	10.3	08:03	0.01	08:04

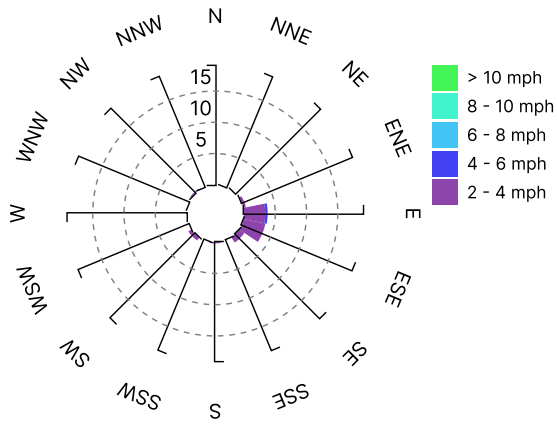


PM10 Average Contribution (µg/m³)

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
8/9/2023 07:09:00	6.8	7.0	0.2				0.3	SSW
8/9/2023 07:10:00	6.9	6.8	-0.1	0.00	0.00	0.00	0.4	E
8/9/2023 07:11:00	7.0	7.0	-0.1	0.00	0.00	0.00	0.7	SSE
8/9/2023 07:12:00	7.1	7.2	0.0	0.00	0.00	0.00	1.1	SE
8/9/2023 07:13:00	7.1	9.2	2.1	0.00	0.00	0.00	1.2	ESE
8/9/2023 07:14:00	7.0	9.3	2.4	0.00	0.00	0.00	1.1	E
8/9/2023 07:15:00	6.9	8.9	2.1	0.00	0.00	0.00	1.1	SE
8/9/2023 07:16:00	7.0	8.6	1.6	0.00	0.00	0.00	1.0	S
8/9/2023 07:17:00	7.4	8.4	0.9	0.00	0.00	0.00	1.0	SSW
8/9/2023 07:18:00	7.4	8.7	1.4	0.00	0.00	0.00	1.0	ENE
8/9/2023 07:19:00	7.3	9.1	1.8	0.00	0.00	0.00	0.9	ENE
8/9/2023 07:20:00	7.3	9.3	2.0	0.00	0.00	0.00	1.0	ESE
8/9/2023 07:21:00	7.3	9.3	2.0	0.00	0.00	0.00	1.0	ESE
8/9/2023 07:22:00	7.4	9.2	1.8	0.00	0.00	0.00	1.1	SSW
8/9/2023 07:23:00	7.5	9.1	1.6	0.00	0.00	0.00	1.2	ENE
8/9/2023 07:24:00	7.8	9.1	1.2	0.00	0.00	0.00	1.2	S
8/9/2023 07:25:00	7.8	9.6	1.8	0.00	0.00	0.00	1.2	SSE
8/9/2023 07:26:00	8.0	9.6	1.6	0.00	0.00	0.00	1.2	SSE
8/9/2023 07:27:00	8.1	10.3	2.2	0.00	0.00	0.00	1.0	S
8/9/2023 07:28:00	8.8	9.7	0.9	0.00	0.00	0.00	1.0	SE
8/9/2023 07:29:00	8.9	9.6	0.7	0.00	0.00	0.00	1.0	E
8/9/2023 07:30:00	9.0	9.8	0.8	0.00	0.00	0.00	1.1	E
8/9/2023 07:31:00	8.9	9.9	1.0	0.00	0.00	0.00	1.1	SE
8/9/2023 07:32:00	8.7	9.9	1.1	0.01	0.00	-0.01	1.0	S
8/9/2023 07:33:00	8.7	9.7	0.9	0.01	0.00	-0.01	1.1	NE
8/9/2023 07:34:00	8.7	10.4	1.6	0.01	0.00	-0.01	1.1	SE
8/9/2023 07:35:00	10.0	10.1	0.1	0.01	0.00	-0.01	1.0	S
8/9/2023 07:36:00	10.4	10.0	-0.4	0.01	0.00	0.00	1.0	S
8/9/2023 07:37:00	10.4	11.4	1.0	0.01	0.00	0.00	0.9	SE
8/9/2023 07:38:00	10.5	12.6	2.1	0.01	0.00	0.00	0.8	SE
8/9/2023 07:39:00	10.3	12.7	2.3	0.01	0.00	0.00	0.8	W
8/9/2023 07:40:00	10.3	12.3	2.0	0.01	0.00	0.00	0.8	SE

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
8/9/2023 07:41:00	10.1	13.1	3.0	0.01	0.00	0.00	0.8	SE
8/9/2023 07:42:00	10.1	12.6	2.6	0.00	0.00	0.00	0.8	NNE
8/9/2023 07:43:00	9.4	12.9	3.5	0.00	0.00	0.00	0.9	ESE
8/9/2023 07:44:00	9.5	12.8	3.3	0.00	0.00	0.00	0.9	S
8/9/2023 07:45:00	9.4	13.0	3.5	0.00	0.00	0.00	0.8	NE
8/9/2023 07:46:00	9.7	12.9	3.3	0.00	0.00	0.00	0.8	NW
8/9/2023 07:47:00	9.8	13.0	3.2	0.00	0.00	0.00	0.8	SSE
8/9/2023 07:48:00	10.2	13.0	2.9	0.00	0.00	0.00	0.8	SW
8/9/2023 07:49:00	10.3	12.4	2.1	0.00	0.00	0.00	0.8	E
8/9/2023 07:50:00	9.2	13.6	4.5	0.00	0.00	0.00	0.9	ESE
8/9/2023 07:51:00	8.7	13.9	5.2	0.00	0.00	0.00	0.9	SE
8/9/2023 07:52:00	8.5	12.6	4.1	0.00	0.00	0.00	0.9	E
8/9/2023 07:53:00	8.4	11.8	3.4	0.00	0.00	0.00	0.9	ESE
8/9/2023 07:54:00	8.3	12.8	4.5	0.00	0.00	0.00	0.9	E
8/9/2023 07:55:00	8.4	13.5	5.2	0.00	0.01	0.01	1.0	ESE
8/9/2023 07:56:00	8.3	13.4	5.1	0.00	0.01	0.01	1.2	ESE
8/9/2023 07:57:00	8.2	13.3	5.1	0.00	0.01	0.01	1.4	ESE
8/9/2023 07:58:00	8.2	13.4	5.2	0.00	0.01	0.01	1.3	SSE
8/9/2023 07:59:00	8.0	13.7	5.7	0.00	0.01	0.01	1.4	SE
8/9/2023 08:00:00	8.2	13.4	5.2	0.00	0.01	0.01	1.4	SSW
8/9/2023 08:01:00	8.0	14.8	6.8	0.00	0.01	0.01	1.4	E
8/9/2023 08:02:00	7.8	16.2	8.4	0.00	0.01	0.01	1.5	E
8/9/2023 08:03:00	7.5	17.8	10.3	0.00	0.01	0.01	1.7	E
8/9/2023 08:04:00	7.3	17.5	10.2	0.00	0.01	0.01	1.9	ESE
8/9/2023 08:05:00	7.1	16.3	9.2	0.00	0.01	0.01	2.0	E
8/9/2023 08:06:00	7.1	16.1	9.0	0.00	0.01	0.01	1.9	E
8/9/2023 08:07:00	7.1	16.0	8.9	0.00	0.01	0.01	1.9	E
8/9/2023 08:08:00	7.0	15.7	8.7	0.00	0.01	0.01	2.0	ESE
8/9/2023 08:09:00	6.9	14.7	7.9	0.00	0.01	0.01	2.0	SE
8/9/2023 08:10:00	6.8	14.0	7.2	0.00	0.01	0.01	1.9	SE
8/9/2023 08:11:00	7.0	14.5	7.5	0.00	0.00	0.00	1.8	NNE
8/9/2023 08:12:00	7.0	15.1	8.0	0.00	0.00	0.00	1.7	SE
8/9/2023 08:13:00	7.1	15.0	7.9	0.00	0.00	0.00	1.6	ESE

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
8/9/2023 08:14:00	7.3	16.0	8.7	0.00	0.00	0.00	1.7	SE
8/9/2023 08:15:00	7.0	16.4	9.4	0.00	0.00	0.00	1.7	E
8/9/2023 08:16:00	7.0	15.3	8.3	0.00	0.00	0.00	1.9	E
8/9/2023 08:17:00	7.0	13.9	7.0	0.00	0.00	0.00	1.8	SE
8/9/2023 08:18:00	6.9	12.4	5.5	0.00	0.00	0.00	1.6	SSE
8/9/2023 08:19:00	7.0	12.4	5.4	0.00	0.00	0.00	1.6	E
8/9/2023 08:20:00	6.9	12.3	5.4	0.00	0.00	0.00	1.8	E
8/9/2023 08:21:00	6.9	12.3	5.4	0.00	0.00	0.00	1.9	E
8/9/2023 08:22:00	6.9	12.3	5.4	0.00	0.00	0.00	2.0	E
8/9/2023 08:23:00	6.9	12.2	5.3	0.00	0.00	0.00	2.0	SSE
8/9/2023 08:24:00	6.9	12.2	5.3	0.00	0.00	0.00	2.0	ESE
8/9/2023 08:25:00	6.8	12.1	5.3	0.00	0.00	0.00	2.1	E
8/9/2023 08:26:00	6.7	10.8	4.1	0.00	0.00	0.00	2.1	S
8/9/2023 08:27:00	6.7	10.2	3.5	0.00	0.00	0.00	2.1	ESE
8/9/2023 08:28:00	6.6	10.2	3.6	0.00	0.00	0.00	2.0	E
8/9/2023 08:29:00	6.4	9.0	2.5	0.00	0.00	0.00	2.0	E
8/9/2023 08:30:00	6.5	8.7	2.3	0.00	0.00	0.00	2.2	E
8/9/2023 08:31:00	6.5	8.5	2.1	0.00	0.00	0.00	2.1	ESE
8/9/2023 08:32:00	6.5	8.5	2.0	0.00	0.00	0.00	2.0	E
8/9/2023 08:33:00	6.4	8.4	2.0	0.00	0.00	0.00	2.0	E
8/9/2023 08:34:00	6.4	8.3	1.9	0.00	0.00	0.00	1.8	SSE
8/9/2023 08:35:00	6.5	8.5	2.0	0.00	0.00	0.00	1.5	SE
8/9/2023 08:36:00	6.5	8.6	2.2	0.00	0.00	0.00	1.5	ESE
8/9/2023 08:37:00	6.5	8.8	2.3	0.00	0.00	0.00	1.3	ENE
8/9/2023 08:38:00	7.0	8.8	1.8	0.00	0.00	0.00	1.3	S
8/9/2023 08:39:00	7.0	9.1	2.1	0.00	0.00	0.00	1.3	ESE
8/9/2023 08:40:00	7.1	9.3	2.2	0.00	0.00	0.00	1.1	SE
8/9/2023 08:41:00	7.1	9.5	2.4	0.00	0.00	0.00	1.1	ESE
8/9/2023 08:42:00	7.1	9.6	2.5	0.00	0.00	0.00	1.1	ESE
8/9/2023 08:43:00	7.2	9.4	2.3	0.00	0.00	0.00	1.3	ESE
8/9/2023 08:44:00	7.2	9.3	2.2	0.00	0.00	0.00	1.2	ESE
8/9/2023 08:45:00	7.3	9.2	1.9	0.00	0.00	0.00	0.9	NNW
8/9/2023 08:46:00	7.4	9.2	1.8	0.00	0.00	0.00	0.9	SSE

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
8/9/2023 08:47:00	7.4	9.3	1.9	0.00	0.00	0.00	0.9	SE
8/9/2023 08:48:00	7.7	9.2	1.5	0.00	0.00	0.00	0.9	SSE
8/9/2023 08:49:00	8.0	9.1	1.1	0.00	0.00	0.00	0.9	SSW
8/9/2023 08:50:00	8.3	8.8	0.5	0.00	0.00	0.00	0.9	SSW
8/9/2023 08:51:00	9.3	8.7	-0.6	0.00	0.00	0.00	1.0	SSW
8/9/2023 08:52:00	9.5	9.3	-0.2	0.00	0.00	0.00	1.0	SSE
8/9/2023 08:53:00	9.3	9.5	0.1	0.00	0.00	0.00	1.0	W
8/9/2023 08:54:00	9.4	9.2	-0.2	0.00	0.00	0.00	1.0	SW
8/9/2023 08:55:00	9.5	9.1	-0.4	0.00	0.00	0.00	1.0	SE
8/9/2023 08:56:00	9.5	9.1	-0.4	0.00	0.00	0.00	1.0	SE
8/9/2023 08:57:00	9.6	9.0	-0.7	0.00	0.00	0.00	1.0	SSE
8/9/2023 08:58:00	9.7	8.8	-1.0	0.00	0.00	0.00	0.9	S
8/9/2023 08:59:00	9.8	8.8	-0.9	0.00	0.00	0.00	0.9	SE
8/9/2023 09:00:00	9.8	8.9	-0.8	0.00	0.00	0.00	0.9	E
8/9/2023 09:01:00	9.8	9.0	-0.7	0.00	0.00	0.00	1.0	ESE
8/9/2023 09:02:00	9.9	8.9	-1.0	0.00	0.00	0.00	1.0	SSE
8/9/2023 09:03:00	9.7	9.2	-0.5	0.00	0.00	0.00	1.0	ESE
8/9/2023 09:04:00	9.5	9.4	-0.1	0.00	0.00	0.00	1.1	ESE
8/9/2023 09:05:00	9.2	9.6	0.4	0.00	0.00	0.00	1.1	NE
8/9/2023 09:06:00	8.2	9.6	1.4	0.00	0.00	0.00	1.0	ESE
8/9/2023 09:07:00	8.2	8.8	0.6	0.00	0.00	0.00	1.1	S
8/9/2023 09:08:00	8.1	8.8	0.7	0.00	0.00	0.00	1.1	ESE
8/9/2023 09:09:00	8.1	8.7	0.7	0.00	0.00	0.00	1.1	SE
8/9/2023 09:10:00	7.9	8.8	0.8	0.00	0.00	0.00	1.1	ESE
8/9/2023 09:11:00	7.9	8.7	0.8	0.00	0.00	0.00	1.1	NE
8/9/2023 09:12:00	7.8	8.8	0.9	0.00	0.00	0.00	1.1	NE
8/9/2023 09:13:00	7.8	8.9	1.1	0.00	0.00	0.00	1.0	SE
8/9/2023 09:14:00	7.8	8.9	1.0	0.00	0.00	0.00	1.1	SSW
8/9/2023 09:15:00	7.8	8.7	0.9	0.00	0.00	0.00	1.0	SE
8/9/2023 09:16:00	7.9	8.7	0.8	0.00	0.00	0.00	1.1	ESE
8/9/2023 09:17:00	7.7	8.7	1.0	0.00	0.00	0.00	1.2	N
8/9/2023 09:18:00	7.6	8.4	0.8	0.00	0.00	0.00	1.1	SE
8/9/2023 09:19:00	7.6	8.2	0.6	0.00	0.00	0.00	1.1	ESE

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
8/9/2023 09:20:00	7.6	8.0	0.4	0.00	0.00	0.00	1.1	E
8/9/2023 09:21:00	7.6	7.9	0.3	0.00	0.00	0.00	1.1	NW
8/9/2023 09:22:00	7.5	7.9	0.4	0.00	0.00	0.00	1.1	SE
8/9/2023 09:23:00	7.3	7.7	0.4	0.00	0.00	0.00	1.1	SSE
8/9/2023 09:24:00	7.3	7.5	0.3	0.00	0.00	0.00	1.1	ESE
8/9/2023 09:25:00	7.3	7.3	0.0	0.00	0.00	0.00	1.1	E
8/9/2023 09:26:00	7.3	7.2	-0.1	0.00	0.00	0.00	1.0	SSE
8/9/2023 09:27:00	7.3	7.2	-0.1	0.00	0.00	0.00	1.0	SE
8/9/2023 09:28:00	7.2	7.1	-0.1	0.00	0.00	0.00	1.1	N
8/9/2023 09:29:00	7.1	7.0	-0.1	0.00	0.00	0.00	1.2	E
8/9/2023 09:30:00	7.1	7.0	-0.1	0.00	0.00	0.00	1.2	ESE
8/9/2023 09:31:00	7.1	7.0	-0.1	0.00	0.00	0.00	1.1	E
8/9/2023 09:32:00	7.1	6.9	-0.2	0.00	0.00	0.00	1.2	E
8/9/2023 09:33:00	7.1	6.9	-0.2	0.00	0.00	0.00	1.2	SE
8/9/2023 09:34:00	7.2	6.9	-0.3	0.00	0.00	0.00	1.2	NE
8/9/2023 09:35:00	7.3	7.0	-0.2	0.00	0.00	0.00	1.2	N
8/9/2023 09:36:00	7.4	7.2	-0.2	0.00	0.00	0.00	1.2	NNW
8/9/2023 09:37:00	7.5	7.3	-0.2	0.00	0.00	0.00	1.2	ESE
8/9/2023 09:38:00	7.5	7.4	-0.1	0.00	0.00	0.00	1.2	W
8/9/2023 09:39:00	7.8	7.7	-0.1	0.00	0.00	0.00	1.3	ESE
8/9/2023 09:40:00	8.0	8.2	0.3	0.00	0.01	0.01	1.4	ESE
8/9/2023 09:41:00	8.2	8.3	0.1	0.01	0.01	0.00	1.5	WNW
8/9/2023 09:42:00	8.2	8.3	0.1	0.01	0.01	0.00	1.6	E
8/9/2023 09:43:00	8.3	8.3	-0.1	0.01	0.01	0.00	1.6	S
8/9/2023 09:44:00	8.5	8.3	-0.2	0.01	0.01	0.00	1.5	S
8/9/2023 09:45:00	8.6	8.5	-0.1	0.01	0.01	0.00	1.4	SW
8/9/2023 09:46:00	8.6	8.7	0.1	0.01	0.01	0.00	1.4	SW
8/9/2023 09:47:00	8.6	9.2	0.6	0.01	0.01	0.00	1.3	S
8/9/2023 09:48:00	8.9	9.4	0.5	0.01	0.01	0.00	1.3	SSE
8/9/2023 09:49:00	8.9	9.5	0.6	0.01	0.01	0.00	1.3	S
8/9/2023 09:50:00	9.2	9.4	0.2	0.01	0.01	0.00	1.3	SW
8/9/2023 09:51:00	9.3	10.8	1.5	0.01	0.01	0.00	1.3	WSW
8/9/2023 09:52:00	9.3	11.8	2.5	0.01	0.01	0.00	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
8/9/2023 09:53:00	9.4	12.2	2.8	0.01	0.01	0.00	1.3	SSW
8/9/2023 09:54:00	9.5	12.4	2.9	0.01	0.01	0.00	1.2	SSW
8/9/2023 09:55:00	10.0	12.5	2.5	0.01	0.00	-0.01	1.1	S
8/9/2023 09:56:00	10.3	12.5	2.2	0.00	0.00	0.00	1.1	SW
8/9/2023 09:57:00	10.4	12.7	2.3	0.00	0.00	0.00	1.1	NNW
8/9/2023 09:58:00	10.6	13.0	2.5	0.00	0.00	0.00	1.1	SE
8/9/2023 09:59:00	10.8	13.7	2.9	0.00	0.00	0.00	1.1	SSE
8/9/2023 10:00:00	11.6	13.7	2.0	0.00	0.00	0.00	1.1	SSE
8/9/2023 10:01:00	11.8	14.6	2.8	0.00	0.00	0.00	1.1	SSW
8/9/2023 10:02:00	12.8	14.4	1.6	0.00	0.00	0.00	1.1	E
8/9/2023 10:03:00	12.9	15.1	2.2	0.00	0.00	0.00	1.1	WNW
8/9/2023 10:04:00	13.6	15.3	1.7	0.00	0.00	0.00	1.1	NE
8/9/2023 10:05:00	13.7	15.4	1.8	0.00	0.00	0.00	1.1	ENE
8/9/2023 10:06:00	13.5	14.3	0.8	0.00	0.00	0.00	1.2	ESE
8/9/2023 10:07:00	13.5	13.4	-0.1	0.00	0.00	0.00	1.2	ESE
8/9/2023 10:08:00	13.6	13.0	-0.6	0.00	0.00	0.00	1.1	S
8/9/2023 10:09:00	13.5	12.7	-0.8	0.00	0.00	0.00	1.1	SSE
8/9/2023 10:10:00	12.8	12.5	-0.3	0.00	0.00	0.00	1.1	SW
8/9/2023 10:11:00	12.3	12.8	0.6	0.00	0.00	0.00	1.1	SW
8/9/2023 10:12:00	12.1	12.9	0.8	0.00	0.00	0.00	1.1	SSE
8/9/2023 10:13:00	12.1	12.6	0.5	0.00	0.00	0.00	1.1	NNE
8/9/2023 10:14:00	12.0	12.0	0.0	0.00	0.00	0.00	1.1	NNE
8/9/2023 10:15:00	11.1	12.1	1.1	0.00	0.00	0.00	1.1	WNW
8/9/2023 10:16:00	11.0	11.1	0.0	0.00	0.00	0.00	1.2	ESE
8/9/2023 10:17:00	10.2	10.8	0.6	0.00	0.00	0.00	1.2	E
8/9/2023 10:18:00	10.0	9.8	-0.2	0.00	0.00	0.00	1.2	SE
8/9/2023 10:19:00	9.3	9.6	0.3	0.00	0.00	0.00	1.2	E
8/9/2023 10:20:00	9.1	9.4	0.3	0.00	0.00	0.00	1.2	SSE
8/9/2023 10:21:00	9.2	9.0	-0.2	0.00	0.00	0.00	1.2	NE
8/9/2023 10:22:00	9.2	9.0	-0.2	0.00	0.00	0.00	1.2	NE
8/9/2023 10:23:00	9.0	8.9	-0.1	0.00	0.00	0.00	1.2	E
8/9/2023 10:24:00	8.8	8.8	0.0	0.00	0.00	0.00	1.2	SE
8/9/2023 10:25:00	8.8	8.3	-0.4	0.00	0.00	0.00	1.2	NE

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
8/9/2023 10:26:00	8.8	7.9	-0.9	0.00	0.00	0.00	1.2	NNE
8/9/2023 10:27:00	8.9	7.6	-1.3	0.00	0.00	0.00	1.2	ESE
8/9/2023 10:28:00	8.7	7.6	-1.0	0.00	0.00	0.00	1.3	E
8/9/2023 10:29:00	8.6	7.6	-1.0	0.00	0.00	0.00	1.4	ESE
8/9/2023 10:30:00	8.4	7.7	-0.8	0.00	0.00	0.00	1.4	WSW
8/9/2023 10:31:00	8.2	7.8	-0.4	0.00	0.00	0.00	1.3	SSE
8/9/2023 10:32:00	8.6	7.8	-0.8	0.00	0.00	0.00	1.4	ESE
8/9/2023 10:33:00	8.9	7.9	-1.0	0.00	0.00	0.00	1.4	E
8/9/2023 10:34:00	8.8	7.8	-0.9	0.00	0.00	0.00	1.5	SE
8/9/2023 10:35:00	9.0	7.8	-1.3	0.00	0.00	0.00	1.4	SSE
8/9/2023 10:36:00	8.8	7.9	-1.0	0.00	0.00	0.00	1.4	SSE
8/9/2023 10:37:00	8.8	8.0	-0.8	0.00	0.00	0.00	1.4	SSW
8/9/2023 10:38:00	8.8	8.1	-0.7	0.00	0.00	0.00	1.4	S
8/9/2023 10:39:00	8.9	8.2	-0.7	0.00	0.00	0.00	1.4	SE
8/9/2023 10:40:00	8.8	8.3	-0.5	0.00	0.00	0.00	1.4	SSE
8/9/2023 10:41:00	9.3	8.5	-0.7	0.00	0.00	0.00	1.4	SSW
8/9/2023 10:42:00	9.4	8.6	-0.8	0.00	0.00	0.00	1.3	SSE
8/9/2023 10:43:00	9.4	8.9	-0.5	0.00	0.00	0.00	1.3	S
8/9/2023 10:44:00	9.5	8.9	-0.5	0.00	0.00	0.00	1.2	SE
8/9/2023 10:45:00	9.6	8.7	-0.9	0.00	0.00	0.00	1.2	SSW
8/9/2023 10:46:00	10.9	8.7	-2.2	0.00	0.00	0.00	1.2	SW
8/9/2023 10:47:00	11.0	8.9	-2.0	0.00	0.00	0.00	1.2	S
8/9/2023 10:48:00	11.1	9.1	-2.0	0.00	0.00	0.00	1.2	ESE
8/9/2023 10:49:00	11.2	9.2	-2.0	0.00	0.00	0.00	1.2	SE
8/9/2023 10:50:00	10.9	9.5	-1.4	0.00	0.00	0.00	1.2	ESE
8/9/2023 10:51:00	11.0	9.5	-1.5	0.00	0.00	0.00	1.3	ESE
8/9/2023 10:52:00	11.3	9.6	-1.7	0.00	0.00	0.00	1.3	ENE
8/9/2023 10:53:00	11.6	9.7	-1.9	0.00	0.00	0.00	1.2	NW
8/9/2023 10:54:00	12.0	10.0	-1.9	0.00	0.00	0.00	1.2	ENE
8/9/2023 10:55:00	12.4	10.3	-2.1	0.00	0.00	0.00	1.2	E
8/9/2023 10:56:00	12.3	11.3	-1.0	0.00	0.00	0.00	1.2	ESE
8/9/2023 10:57:00	13.3	11.6	-1.6	0.00	0.00	0.00	1.2	SW
8/9/2023 10:58:00	14.0	11.7	-2.3	0.00	0.00	0.00	1.1	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
8/9/2023 10:59:00	14.0	12.1	-1.9	0.00	0.00	0.00	1.1	SSE
8/9/2023 11:00:00	14.1	12.2	-1.9	0.00	0.00	0.00	1.2	E
8/9/2023 11:01:00				0.00	0.00	0.00	1.3	NW
8/9/2023 11:02:00				0.00	0.00	0.00	1.4	SE
8/9/2023 11:03:00				0.00	0.00	0.00	1.5	E
8/9/2023 11:04:00	11.2	9.3	-2.0	0.00	0.00	0.00	1.6	SE
8/9/2023 11:05:00				0.00	0.00	0.00	1.6	SSE
8/9/2023 11:06:00				0.00	0.00	0.00	1.5	S
8/9/2023 11:07:00	12.3	14.9	2.5	0.00	0.00	0.00	1.5	SSW
8/9/2023 11:08:00	11.6	13.8	2.3	0.00	0.00	0.00	1.6	ESE
8/9/2023 11:09:00	11.4	12.7	1.3	0.00	0.00	0.00	1.6	SSE
8/9/2023 11:10:00	11.1	12.2	1.0	0.00	0.00	0.00	1.6	SSE
8/9/2023 11:11:00	10.7	12.0	1.3	0.00	0.00	0.00	1.6	SSE
8/9/2023 11:12:00	10.4	11.8	1.5	0.00	0.00	0.00	1.5	SSW
8/9/2023 11:13:00	10.3	11.4	1.1	0.00	0.00	0.00	1.5	SE
8/9/2023 11:14:00	10.6	11.1	0.6	0.00	0.00	0.00	1.6	ESE
8/9/2023 11:15:00	10.9	10.7	-0.2	0.00	0.00	0.00	1.5	SE
8/9/2023 11:16:00	10.8	10.9	0.0	0.00	0.00	0.00	1.5	SSW
8/9/2023 11:17:00	12.2	11.1	-1.0	0.00	0.00	0.00	1.4	SSW
8/9/2023 11:18:00	12.5	11.8	-0.7	0.00	0.00	0.00	1.2	WSW
8/9/2023 11:19:00	12.7	12.4	-0.3	0.00	0.00	0.00	1.1	ESE
8/9/2023 11:20:00	12.7	12.3	-0.5	0.00	0.00	0.00	1.2	E
8/9/2023 11:21:00	12.7	12.2	-0.5	0.00	0.00	0.00	1.3	ESE
8/9/2023 11:22:00	12.6	11.8	-0.8	0.00	0.00	0.00	1.2	NNW
8/9/2023 11:23:00	12.7	11.6	-1.1	0.00	0.00	0.00	1.2	SE
8/9/2023 11:24:00	12.7	11.8	-0.9	0.00	0.00	0.00	1.2	S
8/9/2023 11:25:00	12.9	11.7	-1.2	0.00	0.00	0.00	1.2	SE
8/9/2023 11:26:00	13.3	12.5	-0.8	0.00	0.00	0.00	1.2	E
8/9/2023 11:27:00	14.2	12.6	-1.6	0.00	0.00	0.00	1.3	SSW
8/9/2023 11:28:00	15.0	13.7	-1.4	0.00	0.00	0.00	1.3	S
8/9/2023 11:29:00	16.0	14.3	-1.7	0.00	0.00	0.00	1.3	SSW
8/9/2023 11:30:00	16.0	15.2	-0.8	0.00	0.00	0.00	1.3	SW
8/9/2023 11:31:00	16.6	15.1	-1.4	0.00	0.00	0.00	1.3	SE

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
8/9/2023 11:32:00	16.3	15.0	-1.3	0.00	0.00	0.00	1.3	S
8/9/2023 11:33:00	16.1	14.6	-1.5	0.00	0.00	0.00	1.3	SW
8/9/2023 11:34:00	16.6	14.2	-2.5	0.00	0.00	0.00	1.3	SW
8/9/2023 11:35:00	17.9	14.3	-3.7	0.00	0.00	0.00	1.3	SW
8/9/2023 11:36:00	17.9	15.0	-2.8	0.00	0.00	0.00	1.3	SSW
8/9/2023 11:37:00	17.8	15.8	-1.9	0.00	0.00	0.00	1.2	SSE
8/9/2023 11:38:00	18.4	15.8	-2.5	0.00	0.00	0.00	1.2	SE
8/9/2023 11:39:00	18.4	16.2	-2.2	0.00	0.00	0.00	1.3	S
8/9/2023 11:40:00	18.3	16.9	-1.4	0.00	0.00	0.00	1.2	SSE
8/9/2023 11:41:00	18.4	17.2	-1.2	0.00	0.00	0.00	1.3	S
8/9/2023 11:42:00	18.6	17.8	-0.8	0.00	0.00	0.00	1.3	ESE
8/9/2023 11:43:00	21.3	17.8	-3.5	0.00	0.00	0.00	1.3	S
8/9/2023 11:44:00	22.2	18.3	-3.9	0.00	0.00	0.00	1.2	SSE
8/9/2023 11:45:00	22.3	18.6	-3.7	0.00	0.00	0.00	1.2	ESE
8/9/2023 11:46:00	21.9	18.8	-3.1	0.00	0.00	0.00	1.3	E
8/9/2023 11:47:00	21.3	18.8	-2.5	0.00	0.00	0.00	1.3	S
8/9/2023 11:48:00	21.4	18.8	-2.6	0.00	0.00	0.00	1.4	SW
8/9/2023 11:49:00	21.3	19.1	-2.1	0.00	0.00	0.00	1.4	SW
8/9/2023 11:50:00	21.1	20.6	-0.5	0.00	0.00	0.00	1.4	WSW
8/9/2023 11:51:00	22.9	21.1	-1.8	0.00	0.00	0.00	1.4	SSW
8/9/2023 11:52:00	25.0	20.9	-4.0	0.00	0.00	0.00	1.4	SW
8/9/2023 11:53:00	24.5	22.1	-2.4	0.00	0.00	0.00	1.5	N
8/9/2023 11:54:00	24.4	21.7	-2.7	0.00	0.00	0.00	1.4	SE
8/9/2023 11:55:00	24.6	21.2	-3.4	0.00	0.00	0.00	1.4	WNW
8/9/2023 11:56:00	24.4	20.1	-4.3	0.00	0.00	0.00	1.4	SW
8/9/2023 11:57:00	23.6	19.4	-4.3	0.00	0.00	0.00	1.4	SW
8/9/2023 11:58:00	20.3	18.6	-1.7	0.00	0.00	0.00	1.4	SW
8/9/2023 11:59:00	18.3	18.0	-0.3	0.00	0.00	0.00	1.5	SW
8/9/2023 12:00:00	17.9	17.2	-0.7	0.00	0.00	0.00	1.5	SW
8/9/2023 12:01:00	17.8	17.3	-0.5	0.00	0.00	0.00	1.4	S
8/9/2023 12:02:00	17.9	17.2	-0.7	0.00	0.00	0.00	1.3	NE
8/9/2023 12:03:00	17.6	17.2	-0.4	0.00	0.00	0.00	1.3	S
8/9/2023 12:04:00	16.7	16.9	0.1	0.00	0.00	0.00	1.3	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 15 min Avg	Wind Direction
8/9/2023 12:05:00	15.6	15.3	-0.3	0.00	0.00	0.00	1.3	E
8/9/2023 12:06:00	13.8	14.1	0.3	0.00	0.00	0.00	1.2	ESE
8/9/2023 12:07:00	11.8	13.7	1.9	0.00	0.00	0.00	1.2	SW
8/9/2023 12:08:00	11.7	12.8	1.1	0.00	0.00	0.00	1.2	WSW
8/9/2023 12:09:00	11.7	12.9	1.2	0.00	0.00	0.00	1.2	SW
8/9/2023 12:10:00	11.6	13.1	1.5	0.00	0.00	0.00	1.2	WSW
8/9/2023 12:11:00	11.5	13.3	1.8	0.00	0.00	0.00	1.2	WSW
8/9/2023 12:12:00	11.5	13.5	1.9	0.00	0.00	0.00	1.2	SW
8/9/2023 12:13:00	11.6	13.6	2.0	0.00	0.00	0.00	1.2	WSW
8/9/2023 12:14:00	11.6	13.5	1.8	0.00	0.00	0.00	1.1	W
8/9/2023 12:15:00	11.8	13.5	1.7	0.00	0.00	0.00	1.0	SSW
8/9/2023 12:16:00	12.0	13.2	1.2	0.00	0.00	0.00	1.0	E
8/9/2023 12:17:00	12.1	13.4	1.4	0.00	0.00	0.00	1.0	SSE
8/9/2023 12:18:00	12.4	13.6	1.2	0.00	0.00	0.00	1.0	WSW
8/9/2023 12:19:00	14.2	13.9	-0.3	0.00	0.00	0.00	0.9	NW
8/9/2023 12:20:00	14.7	15.4	0.7	0.00	0.00	0.00	1.0	ESE
8/9/2023 12:21:00	15.0	17.1	2.0	0.00	0.00	0.00	1.0	NE
8/9/2023 12:22:00	15.2	17.7	2.6	0.00	0.00	0.00	1.0	NNE
8/9/2023 12:23:00	15.4	18.0	2.6	0.00	0.00	0.00	1.1	SE
8/9/2023 12:24:00	15.7	17.8	2.1	0.00	0.00	0.00	1.2	E
8/9/2023 12:25:00	15.8	17.8	2.0	0.00	0.00	0.00	1.2	SE
8/9/2023 12:26:00	16.1	17.9	1.8	0.00	0.00	0.00	1.2	W
8/9/2023 12:27:00	16.1	17.8	1.7	0.00	0.00	0.00	1.2	W
8/9/2023 12:28:00	16.1	17.8	1.6	0.00	0.00	0.00	1.2	WSW
8/9/2023 12:29:00	16.2	17.8	1.6	0.00	0.00	0.00	1.2	SSW
8/9/2023 12:30:00	16.6	17.9	1.3	0.00	0.00	0.00	1.2	ENE
8/9/2023 12:31:00	16.9	18.2	1.4	0.00	0.00	0.00	1.3	SSW
8/9/2023 12:32:00	17.2	18.5	1.3	0.00	0.00	0.00	1.2	NW
8/9/2023 12:33:00	18.0	18.9	0.8	0.00	0.00	0.00	1.3	WSW
8/9/2023 12:34:00	17.1	19.1	2.0	0.00	0.00	0.00	1.3	WSW
8/9/2023 12:35:00	17.3	18.5	1.2	0.00	0.00	0.00	1.3	SSE
8/9/2023 12:36:00	18.7	17.5	-1.2	0.00	0.00	0.00	1.2	SSE
8/9/2023 12:37:00	19.8	17.3	-2.5	0.00	0.00	0.00	1.2	SW

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
8/9/2023 12:38:00	20.8	17.2	-3.5	0.00	0.00	0.00	1.1	SSE
8/9/2023 12:39:00	20.7	17.9	-2.8	0.00	0.00	0.00	1.1	SE
8/9/2023 12:40:00	20.7	18.4	-2.2	0.00	0.00	0.00	1.0	NE
8/9/2023 12:41:00	20.7	18.6	-2.1	0.00	0.00	0.00	1.0	SE
8/9/2023 12:42:00	20.7	18.8	-1.9	0.00	0.00	0.00	1.0	NNE
8/9/2023 12:43:00	21.1	19.2	-1.9	0.00	0.00	0.00	1.0	S
8/9/2023 12:44:00	21.4	19.4	-2.0	0.00	0.00	0.00	1.0	E
8/9/2023 12:45:00	21.3	20.3	-1.0	0.00	0.00	0.00	1.0	E
8/9/2023 12:46:00	21.3	21.0	-0.3	0.00	0.00	0.00	1.0	ESE
8/9/2023 12:47:00	21.1	21.5	0.3	0.00	0.00	0.00	1.0	NE
8/9/2023 12:48:00	20.4	21.4	1.0	0.00	0.00	0.00	0.9	SE
8/9/2023 12:49:00	21.0	21.7	0.7	0.00	0.00	0.00	1.0	ESE
8/9/2023 12:50:00	21.3	21.6	0.3	0.00	0.00	0.00	1.0	S
8/9/2023 12:51:00	20.3	21.6	1.3	0.00	0.00	0.00	1.0	SE
8/9/2023 12:52:00	19.6	21.7	2.1	0.00	0.00	0.00	1.0	NW
8/9/2023 12:53:00	19.0	22.1	3.1	0.00	0.00	0.00	1.1	ESE
8/9/2023 12:54:00	19.1	21.7	2.6	0.00	0.00	0.00	1.0	E
8/9/2023 12:55:00	19.6	21.4	1.9	0.00	0.00	0.00	1.0	SE
8/9/2023 12:56:00	20.0	21.4	1.5	0.00	0.00	0.00	1.0	ESE
8/9/2023 12:57:00	19.9	21.4	1.5	0.00	0.00	0.00	1.0	S
8/9/2023 12:58:00	19.6	21.3	1.6	0.00	0.00	0.00	1.0	SSE
8/9/2023 12:59:00	19.6	21.2	1.6	0.00	0.00	0.00	1.1	SE
8/9/2023 13:00:00	19.7	20.3	0.6	0.00	0.00	0.00	1.1	ESE
8/9/2023 13:01:00	19.7	19.8	0.0	0.00	0.00	0.00	1.1	SSE
8/9/2023 13:02:00	19.8	19.3	-0.5	0.00	0.00	0.00	1.1	ESE
8/9/2023 13:03:00	19.8	19.3	-0.5	0.00	0.00	0.00	1.2	S
8/9/2023 13:04:00	18.9	18.8	0.0	0.00	0.00	0.00	1.1	SSE
8/9/2023 13:05:00	17.9	18.8	0.8	0.00	0.00	0.00	1.1	SSE
8/9/2023 13:06:00	17.8	18.8	0.9	0.00	0.00	0.00	1.1	SSW
8/9/2023 13:07:00	17.7	18.8	1.1	0.00	0.00	0.00	1.2	SE
8/9/2023 13:08:00	17.5	18.9	1.4	0.00	0.00	0.00	1.1	SE
8/9/2023 13:09:00	17.7	18.8	1.1	0.00	0.00	0.00	1.1	S
8/9/2023 13:10:00	17.8	18.7	0.9	0.00	0.00	0.00	1.1	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 15 min Avg	Wind Direction
8/9/2023 13:11:00	17.6	18.9	1.4	0.00	0.00	0.00	1.1	E
8/9/2023 13:12:00	17.9	18.9	1.0	0.00	0.00	0.00	1.1	W
8/9/2023 13:13:00	18.0	19.1	1.1	0.00	0.00	0.00	1.1	ESE
8/9/2023 13:14:00	18.1	19.2	1.1	0.00	0.00	0.00	1.1	ESE
8/9/2023 13:15:00	18.1	19.6	1.5	0.00	0.00	0.00	1.1	SSW
8/9/2023 13:16:00	18.3	20.4	2.1	0.00	0.00	0.00	1.1	WSW
8/9/2023 13:17:00	18.4	20.9	2.5	0.00	0.00	0.00	1.1	SSW
8/9/2023 13:18:00	18.6	21.4	2.8	0.00	0.00	0.00	1.1	SSW
8/9/2023 13:19:00	18.8	22.0	3.2	0.00	0.00	0.00	1.2	WSW
8/9/2023 13:20:00	19.0	22.3	3.3	0.00	0.00	0.00	1.2	WSW
8/9/2023 13:21:00	19.8	22.3	2.5	0.00	0.00	0.00	1.2	SW
8/9/2023 13:22:00	20.4	22.5	2.1	0.00	0.00	0.00	1.2	S
8/9/2023 13:23:00	20.7	22.8	2.1	0.00	0.00	0.00	1.2	ESE
8/9/2023 13:24:00	21.0	23.1	2.1	0.00	0.00	0.00	1.2	W
8/9/2023 13:25:00	21.3	23.2	2.0	0.00	0.00	0.00	1.2	S
8/9/2023 13:26:00	21.3	23.3	2.0	0.00	0.00	0.00	1.2	ESE
8/9/2023 13:27:00	21.0	23.6	2.6	0.00	0.00	0.00	1.2	SE
8/9/2023 13:28:00	21.0	23.7	2.7	0.00	0.00	0.00	1.2	NNE
8/9/2023 13:29:00	21.3	24.4	3.1	0.00	0.00	0.00	1.2	SE
8/9/2023 13:30:00	21.5	24.8	3.3	0.00	0.00	0.00	1.2	E
8/9/2023 13:31:00	21.8	24.9	3.1	0.00	0.00	0.00	1.2	ESE
8/9/2023 13:32:00	22.4	24.6	2.3	0.00	0.00	0.00	1.2	ESE
8/9/2023 13:33:00	23.0	24.4	1.4	0.00	0.00	0.00	1.1	WSW
8/9/2023 13:34:00	23.0	24.5	1.5	0.00	0.00	0.00	1.1	NNE
8/9/2023 13:35:00	23.0	24.9	1.9	0.00	0.00	0.00	1.1	ENE
8/9/2023 13:36:00	24.0	25.4	1.4	0.00	0.00	0.00	1.1	SSW
8/9/2023 13:37:00	24.2	26.3	2.0	0.00	0.00	0.00	1.1	SW
8/9/2023 13:38:00	24.5	26.2	1.7	0.00	0.00	0.00	1.1	S
8/9/2023 13:39:00	24.4	26.4	1.9	0.00	0.00	0.00	1.1	SE
8/9/2023 13:40:00	24.1	26.9	2.8	0.00	0.00	0.00	1.1	ESE
8/9/2023 13:41:00	24.3	27.2	2.9	0.00	0.00	0.00	1.2	ESE
8/9/2023 13:42:00	24.5	27.2	2.7	0.00	0.00	0.00	1.1	SE
8/9/2023 13:43:00	24.9	27.4	2.5	0.00	0.00	0.00	1.1	SE

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
8/9/2023 13:44:00	24.9	26.8	1.9	0.00	0.00	0.00	1.1	SSW
8/9/2023 13:45:00	24.7	26.5	1.8	0.00	0.00	0.00	1.1	SE
8/9/2023 13:46:00	24.8	25.7	0.9	0.00	0.00	0.00	1.1	S
8/9/2023 13:47:00	24.1	25.6	1.6	0.00	0.00	0.00	1.1	WSW
8/9/2023 13:48:00	23.4	25.4	1.9	0.00	0.00	0.00	1.1	S
8/9/2023 13:49:00	23.6	24.9	1.3	0.00	0.00	0.00	1.1	SSE
8/9/2023 13:50:00	23.8	24.1	0.4	0.00	0.00	0.00	1.1	WSW
8/9/2023 13:51:00	22.0	23.7	1.7	0.00	0.00	0.00	1.1	WSW
8/9/2023 13:52:00	21.0	22.7	1.7	0.00	0.00	0.00	1.1	SSW
8/9/2023 13:53:00	20.4	22.5	2.1	0.00	0.00	0.00	1.1	S
8/9/2023 13:54:00	20.0	22.3	2.3	0.00	0.00	0.00	1.1	S
8/9/2023 13:55:00	19.9	21.8	1.9	0.00	0.00	0.00	1.0	ESE
8/9/2023 13:56:00	19.6	21.4	1.8	0.00	0.00	0.00	1.0	ESE
8/9/2023 13:57:00	19.6	21.4	1.8	0.00	0.00	0.00	1.1	ESE
8/9/2023 13:58:00	19.5	21.1	1.6	0.00	0.00	0.00	1.1	WSW
8/9/2023 13:59:00	19.6	21.1	1.5	0.00	0.00	0.00	1.1	SW
8/9/2023 14:00:00	19.8	20.9	1.0	0.00	0.00	0.00	1.1	SW
8/9/2023 14:01:00	19.7	21.4	1.7	0.00	0.00	0.00	1.1	SSW
8/9/2023 14:02:00	20.0	21.6	1.6	0.00	0.00	0.00	1.1	ESE
8/9/2023 14:03:00	20.1	22.3	2.2	0.00	0.00	0.00	1.2	E
8/9/2023 14:04:00	20.1	22.0	1.9	0.00	0.00	0.00	1.1	SSE
8/9/2023 14:05:00	19.9	21.8	1.8	0.00	0.00	0.00	1.1	ESE
8/9/2023 14:06:00	19.9	21.4	1.6	0.00	0.00	0.00	1.1	NE
8/9/2023 14:07:00	19.8	21.5	1.6	0.00	0.00	0.00	1.0	E
8/9/2023 14:08:00	19.7	21.4	1.7	0.00	0.00	0.00	1.1	SE
8/9/2023 14:09:00	19.7	21.2	1.5	0.00	0.00	0.00	1.1	SE
8/9/2023 14:10:00	19.5	21.0	1.5	0.00	0.00	0.00	1.1	N
8/9/2023 14:11:00	19.6	20.8	1.3	0.00	0.00	0.00	1.0	WSW
8/9/2023 14:12:00	19.4	20.5	1.1	0.00	0.00	0.00	0.9	N
8/9/2023 14:13:00	19.0	20.3	1.3	0.00	0.00	0.00	1.0	NNW
8/9/2023 14:14:00	18.8	20.0	1.3	0.00	0.00	0.00	1.0	E
8/9/2023 14:15:00	18.1	19.8	1.7	0.00	0.00	0.00	0.9	SSE
8/9/2023 14:16:00	17.6	18.9	1.2	0.00	0.00	0.00	1.0	SE

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
8/9/2023 14:17:00	17.1	18.3	1.2	0.00	0.00	0.00	1.0	E
8/9/2023 14:18:00	16.8	17.4	0.7	0.00	0.00	0.00	1.0	ESE
8/9/2023 14:19:00	16.4	17.3	0.8	0.00	0.00	0.00	1.1	E
8/9/2023 14:20:00	16.2	17.2	0.9	0.00	0.00	0.00	1.1	SE
8/9/2023 14:21:00	16.4	17.0	0.6	0.00	0.00	0.00	1.1	S
8/9/2023 14:22:00	16.3	16.6	0.3	0.00	0.00	0.00	1.2	SSW
8/9/2023 14:23:00	16.2	16.2	0.0	0.00	0.00	0.00	1.2	SSW
8/9/2023 14:24:00	15.8	16.1	0.2	0.00	0.00	0.00	1.3	SW
8/9/2023 14:25:00	15.8	15.7	-0.1	0.00	0.00	0.00	1.3	NE
8/9/2023 14:26:00	15.6	15.3	-0.3	0.00	0.00	0.00	1.4	NE
8/9/2023 14:27:00	15.2	15.1	-0.1	0.00	0.00	0.00	1.3	SSW
8/9/2023 14:28:00	15.0	15.0	0.0	0.00	0.00	0.00	1.3	N
8/9/2023 14:29:00	14.8	14.7	0.0	0.00	0.00	0.00	1.3	E
8/9/2023 14:30:00	14.7	14.5	-0.2	0.00	0.00	0.00	1.4	SW
8/9/2023 14:31:00	14.6	14.6	-0.1	0.00	0.00	0.00	1.3	SSE
8/9/2023 14:32:00	14.5	14.6	0.1	0.00	0.00	0.00	1.3	SSE
8/9/2023 14:33:00	14.6	14.4	-0.2	0.00	0.00	0.00	1.2	ENE
8/9/2023 14:34:00	14.6	14.3	-0.4	0.00	0.00	0.00	1.1	ENE
8/9/2023 14:35:00	14.6	14.2	-0.4	0.00	0.00	0.00	1.2	ESE
8/9/2023 14:36:00	14.2	14.2	0.0	0.00	0.00	0.00	1.2	SSE
8/9/2023 14:37:00	14.5	14.0	-0.5	0.00	0.00	0.00	1.2	SE
8/9/2023 14:38:00	14.5	14.0	-0.5	0.00	0.00	0.00	1.1	SSE
8/9/2023 14:39:00	14.6	14.1	-0.5	0.00	0.00	0.00	1.1	SW
8/9/2023 14:40:00	14.4	14.3	-0.1	0.00	0.00	0.00	1.1	SW
8/9/2023 14:41:00	14.1	14.5	0.4	0.00	0.00	0.00	1.1	SSW
8/9/2023 14:42:00	14.1	14.5	0.5	0.00	0.00	0.00	1.1	SSW
8/9/2023 14:43:00	14.0	14.5	0.5	0.00	0.00	0.00	1.1	WSW
8/9/2023 14:44:00	14.0	14.5	0.5	0.00	0.00	0.00	1.1	SE
8/9/2023 14:45:00	14.1	14.4	0.3	0.00	0.00	0.00	1.1	ENE
8/9/2023 14:46:00	14.0	14.2	0.1	0.00	0.00	0.00	1.1	ENE
8/9/2023 14:47:00	14.1	13.8	-0.3	0.00	0.00	0.00	1.2	SE
8/9/2023 14:48:00	13.9	13.6	-0.3	0.00	0.00	0.00	1.2	SE
8/9/2023 14:49:00	13.8	13.4	-0.4	0.00	0.00	0.00	1.2	ESE

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
8/9/2023 14:50:00	13.6	13.4	-0.2	0.00	0.00	0.00	1.1	SSE
8/9/2023 14:51:00	13.5	13.1	-0.4	0.00	0.00	0.00	1.1	SE
8/9/2023 14:52:00	13.1	13.4	0.3	0.00	0.00	0.00	1.1	SSE
8/9/2023 14:53:00	13.0	13.5	0.6	0.00	0.00	0.00	1.1	S
8/9/2023 14:54:00	13.1	13.3	0.2	0.00	0.00	0.00	1.1	SE
8/9/2023 14:55:00	13.3	13.4	0.2	0.00	0.00	0.00	1.0	E
8/9/2023 14:56:00	13.4	13.3	-0.1	0.00	0.00	0.00	1.0	S
8/9/2023 14:57:00	13.5	13.1	-0.4	0.00	0.00	0.00	1.0	NNE
8/9/2023 14:58:00	13.6	12.9	-0.6	0.00	0.00	0.00	1.0	E