vEKtor consultants

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

DAILY STATUS REPORT

Prepared By: Budhiono Riyanto

NYSDEC BCP Site No:	C224392	**Date:**	08/27/2026
Project Name:	601-607 Union Street Site 601-607 Union Street, Brooklyn, NY		

Consultant:	**Personnel On-Site:**
Vektor Consultants- Budhiono Riyanto	RYC Turbos – Piling Subcontractor

Work Activities Performed:

- RYC Turbos continued pile installation activities in grids D1, E1, F1, F5, F6, F7, G2, G3, G4,G5, G6, and G7.
- RYC Turbos performed lagging activities along grids D1, E1, and F1.
- One upwind and two downwind CAMP stations were set up as described below. No odors or evidence of release were observed during the days activities.
- As part of the remedial program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis was completed. The environmental footprint analysis was completed using an accepted environmental footprint analysis calculator, SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA). Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction, and material use were estimated, and goals for the project related to these green and sustainable remediation metrics. The following footprint was calculated at the Site. It was estimated that approximately 13,924 pounds of greenhouse gas emissions (GHG) emissions (carbon dioxide equivalents of global warming potential), 92 pounds of NOx emissions, 7 pounds of SOx emissions, 4 pounds of particulate matter (PM) emissions, and 1 pounds of hazardous air pollutants (HAPs) were emitted during the reporting period at the Site. The majority of the emitted pollutants were due to off-site scopes, including laboratory analysis.

Community Air Monitoring Program (CAMP)

Upwind and downwind CAMP stations were placed near the perimeters of the Site during intrusive work. A downwind CAMP was positioned in the east portion of the Site, and a second downwind CAMP station was in the southeast portion of the Site along the adjoining neighboring building. The upwind CAMP station was in the northwest portion of the Site.

Background Levels (Initial Readings at Start of Day):

PID: 0.0 ppm Dust: 37.4 µg/m^3

Highest DW Levels:

PID: 0.0 ppm Dust: 484.0 µg /m^3

One (1) Downwind Respirable Dust concentration was detected in exceedance of the New York State Department of Health Generic CAMP Response Levels at a work area CAMP station. Downwind CAMP station #1 detected a 15-min average of 484.0 during the time between 8:20am and 8:35am. During that time, it was observed that the crew was street sweeping the outer concrete walkway along the southwestern portion of the site of debris and dust. Dust Concentrations returned to normal afterwards. No other exceedances were observed.

No VOC concentrations were detected in exceedance of the New York State Department of Health Generic CAMP Response Levels at a work area CAMP station.

Problems Encountered:

None.

Planned Activities for the Next Week/Month: mobilization, C&D export and soil export sitewide, dewatering, foundation formwork

DISPOSAL QUANTITIES AND FACILITY DESTINATIONS

Facility # Name/ Location Type of Waste Solid Or Liquid	Clean Earth of North Jersey Kearny, NJ		Clean Earth of New Castle, New Castle, Delaware		Allocco Recycling LTD 540 Kingsland Avenue, Brooklyn, NY	
(Trucks, Cu.Yds. Or Gallons)	Trucks	Cu Yds	Trucks	Cu Yds	Trucks	Cu Yds
Today	0	0	0	0	0	0
Total	97	~1,940	134	~2,680	118	~2,360

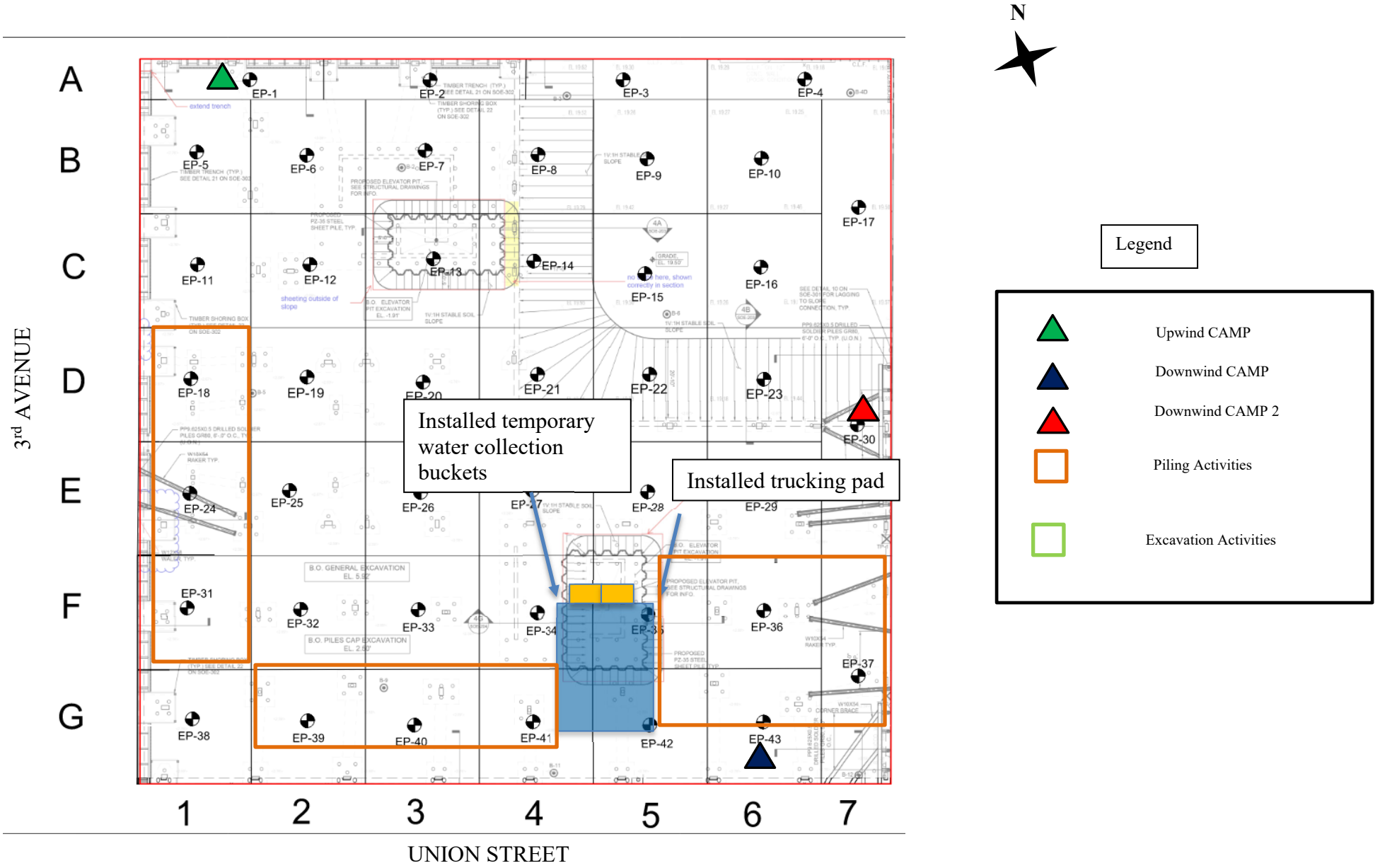
IMPORT QUANTITIES

Facility # Name/ Location Solid Or Liquid	Tilcon Mount Hope, NJ ASTM #57 ¾ Stone	
(Trucks, Cu.Yds.)	Trucks	Cu Yds
Today	0	0
Total	5	~100

vEKtor consultants

SITE PLAN

SACKETT STREET



UNION STREET

vEKtor consultants

Photo Log

Photo 1: View of the site looking north.	
Photo 2: View of the upwind CAMP station.	

Photo 3: View of the pile installation activities.	
Photo 4: View of the SOE installation activities.	

Photo 5: View of the downwind CAMP station.	

Truck Log

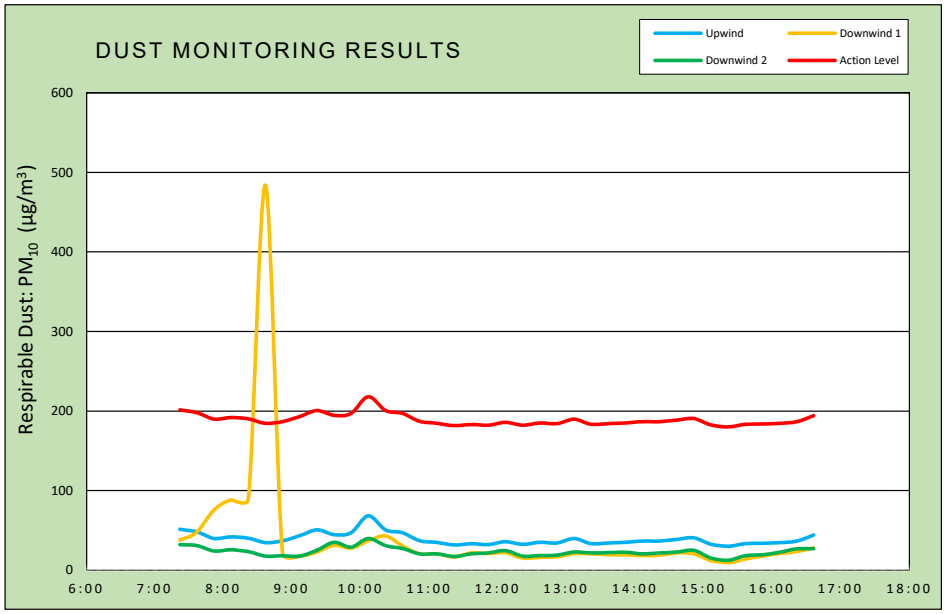
No imports or exports were conducted on 8/27/26

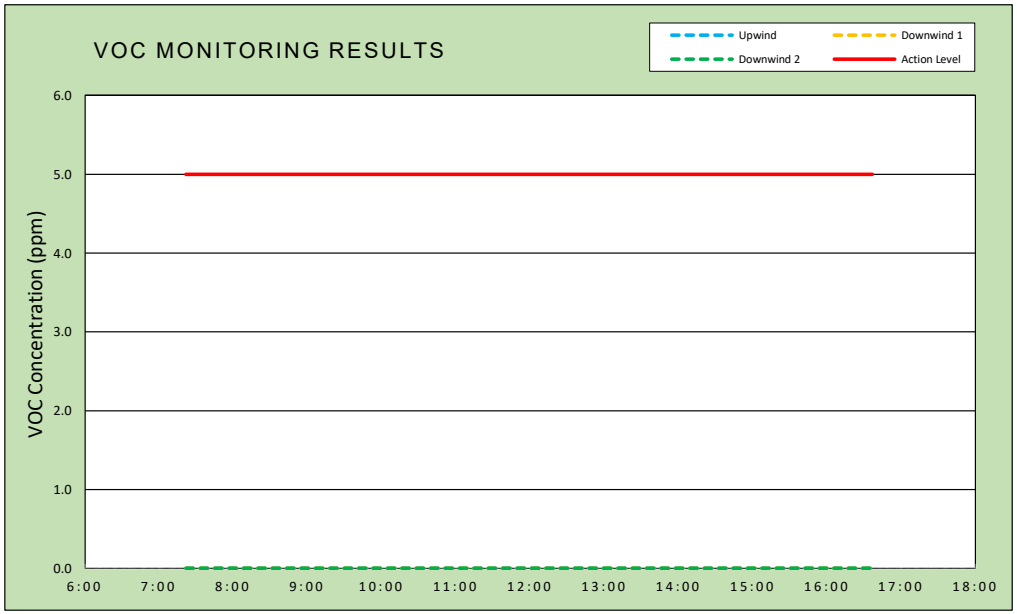
CAMP

vEKtor consultants	DAILY AIR MONITORING REPORT 601 Union Street Brooklyn, New York	08/27/2026	
555 8th Ave, Suite 2302 - New York, NY		Rev. No. 0	Page 1 of 2
		Project Number:	
		Dust Action Level	150 µg/m^3
		VOC Action Level	5 ppm

Weather Data Range for Work Day		Wind Direction	SE	Relative Humidity (%)	78.0 - 96.0	Daily Rain Total (in)	0.05	Readings in the summary table and graphs below are the reported downwind concentrations.
Temperature (°F)	70.0 - 80.0	Wind Speed (MPH)	1.2 - 6.3	Barometer (inHg)	30.00 - 30.10	Avg. Dew Point Temp (°F)	70.8	

Station Location	Daily Avg. Dust Concentration (µg/m^3)	Max 15-Min Dust Concentration (µg/m^3)	Time of Max Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15-Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	39.1	68.1	10:07	0.0	0.0	7:22
Downwind 1	39.6	484.0	8:37	0.0	0.0	7:22
Downwind 2	22.9	39.6	10:07	0.0	0.0	7:22



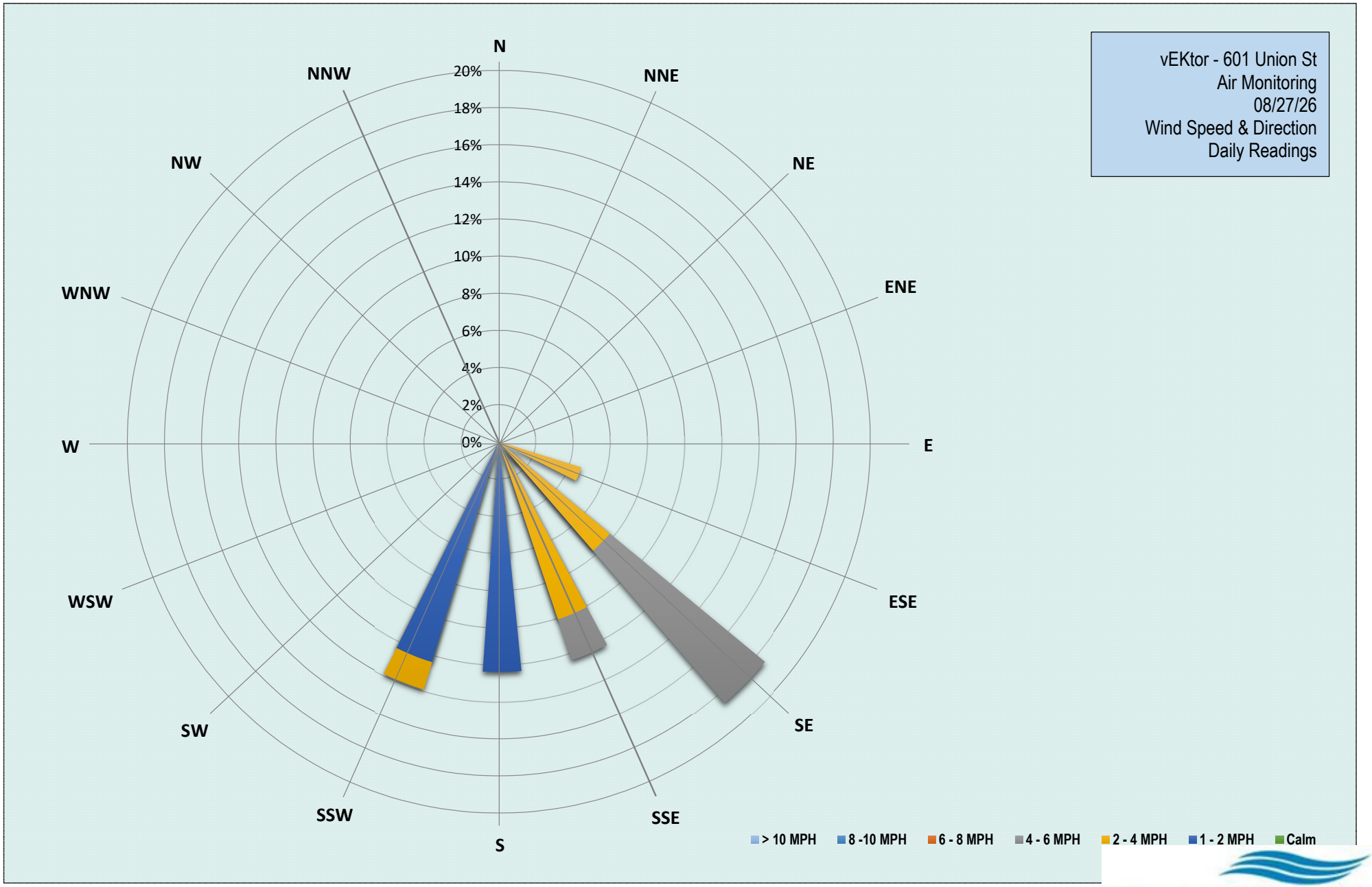


Air Monitoring Notes:

Weather Notes:

EMILCOTT
A Triumvirate Environmental Company

Wind Rose



EMILCOTT
A Triumvirate Environmental Company

Thursday, August 27, 2026						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate						1
Number of Comparable Data Points =						38
Start Time:						7:22
End Time:						16:37
PARTICULATE DATA						
Upwind		Downwind 1		Downwind 2		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ug/m^3)	Time	15-Min Avg Concentration (ug/m^3)	Time	15-Min Avg Concentration (ug/m^3)	
7:22	51.4	7:22	37.4	7:22	32.2	-
7:37	47.9	7:37	47.6	7:37	30.8	-
7:52	39.8	7:52	75.4	7:52	24.0	-
8:07	41.7	8:07	88.5	8:07	25.4	-
8:22	40.2	8:22	89.2	8:22	23.1	-
8:37	34.5	8:37	484.0	8:37	17.4	X
8:52	36.6	8:52	21.2	8:52	18.0	-
9:07	43.1	9:07	17.7	9:07	17.6	-
9:22	50.5	9:22	22.5	9:22	24.8	-
9:37	44.5	9:37	31.3	9:37	34.9	-
9:52	46.8	9:52	27.5	9:52	28.8	-
10:07	68.1	10:07	36.8	10:07	39.6	-
10:22	50.6	10:22	42.9	10:22	30.6	-
10:37	46.9	10:37	30.5	10:37	27.0	-
10:52	36.9	10:52	20.4	10:52	20.3	-
11:07	34.6	11:07	20.3	11:07	20.4	-
11:22	31.6	11:22	16.4	11:22	16.9	-
11:37	33.1	11:37	21.5	11:37	20.2	-
11:52	32.1	11:52	20.7	11:52	21.6	-
12:07	35.7	12:07	21.8	12:07	24.5	-
12:22	32.3	12:22	15.0	12:22	17.5	-
12:37	35.0	12:37	16.0	12:37	18.2	-
12:52	33.9	12:52	16.8	12:52	18.8	-
13:07	39.6	13:07	20.6	13:07	22.6	-
13:22	33.2	13:22	20.3	13:22	21.5	-
13:37	34.1	13:37	19.3	13:37	21.9	-
13:52	35.0	13:52	18.9	13:52	22.5	-
14:07	36.6	14:07	18.4	14:07	20.3	-
14:22	36.5	14:22	18.6	14:22	21.6	-
14:37	38.6	14:37	21.6	14:37	22.6	-
14:52	40.5	14:52	20.2	14:52	24.8	-
15:07	32.5	15:07	12.1	15:07	15.2	-
15:22	29.9	15:22	9.3	15:22	12.3	-
15:37	33.2	15:37	13.8	15:37	18.1	-
15:52	33.6	15:52	17.6	15:52	19.3	-
16:07	34.4	16:07	20.7	16:07	22.2	-
16:22	36.5	16:22	23.3	16:22	26.6	-
16:37	44.2	16:37	28.0	16:37	26.6	-

Thursday, August 27, 2026						
Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =						0
Number of Comparable Data Points =						38
Start Time:						7:22
End Time:						16:37
PID DATA						
Upwind		Downwind 1		Downwind 2		Exceeds Particulate Alarm Limit
Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	Time	15-Min Avg Concentration (ppm)	
7:22	0.0	7:22	0.0	7:22	0.0	-
7:37	0.0	7:37	0.0	7:37	0.0	-
7:52	0.0	7:52	0.0	7:52	0.0	-
8:07	0.0	8:07	0.0	8:07	0.0	-
8:22	0.0	8:22	0.0	8:22	0.0	-
8:37	0.0	8:37	0.0	8:37	0.0	-
8:52	0.0	8:52	0.0	8:52	0.0	-
9:07	0.0	9:07	0.0	9:07	0.0	-
9:22	0.0	9:22	0.0	9:22	0.0	-
9:37	0.0	9:37	0.0	9:37	0.0	-
9:52	0.0	9:52	0.0	9:52	0.0	-
10:07	0.0	10:07	0.0	10:07	0.0	-
10:22	0.0	10:22	0.0	10:22	0.0	-
10:37	0.0	10:37	0.0	10:37	0.0	-
10:52	0.0	10:52	0.0	10:52	0.0	-
11:07	0.0	11:07	0.0	11:07	0.0	-
11:22	0.0	11:22	0.0	11:22	0.0	-
11:37	0.0	11:37	0.0	11:37	0.0	-
11:52	0.0	11:52	0.0	11:52	0.0	-
12:07	0.0	12:07	0.0	12:07	0.0	-
12:22	0.0	12:22	0.0	12:22	0.0	-
12:37	0.0	12:37	0.0	12:37	0.0	-
12:52	0.0	12:52	0.0	12:52	0.0	-
13:07	0.0	13:07	0.0	13:07	0.0	-
13:22	0.0	13:22	0.0	13:22	0.0	-
13:37	0.0	13:37	0.0	13:37	0.0	-
13:52	0.0	13:52	0.0	13:52	0.0	-
14:07	0.0	14:07	0.0	14:07	0.0	-
14:22	0.0	14:22	0.0	14:22	0.0	-
14:37	0.0	14:37	0.0	14:37	0.0	-
14:52	0.0	14:52	0.0	14:52	0.0	-
15:07	0.0	15:07	0.0	15:07	0.0	-
15:22	0.0	15:22	0.0	15:22	0.0	-
15:37	0.0	15:37	0.0	15:37	0.0	-
15:52	0.0	15:52	0.0	15:52	0.0	-
16:07	0.0	16:07	0.0	16:07	0.0	-
16:22	0.0	16:22	0.0	16:22	0.0	-
16:37	0.0	16:37	0.0	16:37	0.0	-

GSR EVALUATION

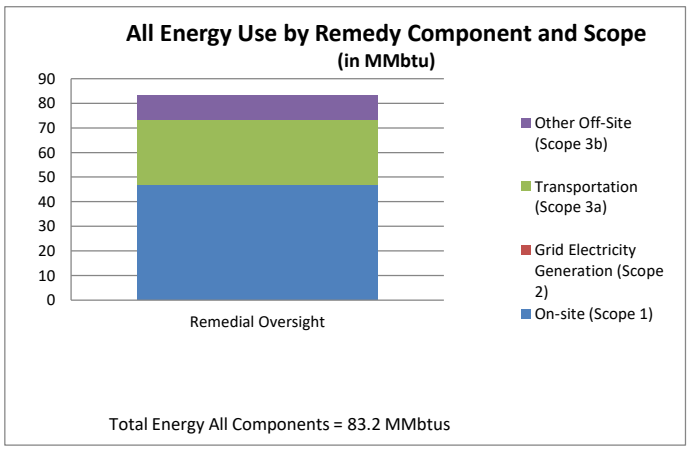
Environmental Footprint Summary

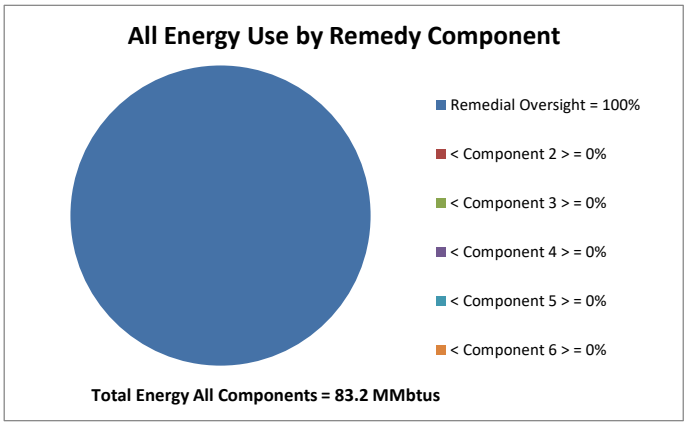
Core Element	Metric		Unit of Measure	Footprint						
				Remedial Oversight	< Component 2 >	< Component 3 >	< Component 4 >	< Component 5 >	< Component 6 >	Total
Materials & Waste	M&W-1	Refined materials used on-site	Tons	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M&W-2	% of refined materials from recycled or reused material	%							
	M&W-3	Unrefined materials used on-site	Tons	12.500	0.000	0.000	0.000	0.000	0.000	12.5
	M&W-4	% of unrefined materials from recycled or reused material	%	100.0%						100.0%
	M&W-5	On-site hazardous waste disposed of off-site	Tons	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M&W-6	On-site non-hazardous waste disposed of off-site	Tons	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M&W-7	Recycled or reused waste	Tons	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	M&W-8	% of total potential waste recycled or reused	%							
Water (used on-site)	W-1	Public water use	MG	0.1	0.0	0.0	0.0	0.0	0.0	0.1
	W-2	Groundwater use	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-3	Surface water use	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-4	Reclaimed water use	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-5	Storm water use	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-6	User-defined water resource #1	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-7	User-defined water resource #2	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	W-8	Wastewater generated	MG	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Energy	E-1	Total energy used (on-site and off-site)	MMBtu	83.2	0.0	0.0	0.0	0.0	0.0	83.2
	E-2	Energy voluntarily derived from renewable resources								
	E-2A	On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	E-2B	Voluntary purchase of renewable electricity	MWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	E-3	Voluntary purchase of RECs	MWh	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	E-4	On-site grid electricity use	MWh	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Air	A-1	On-site NOx, SOx, and PM emissions	Pounds	60.4	0.0	0.0	0.0	0.0	0.0	60.4
	A-2	On-site HAP emissions	Pounds	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	A-3	Total NOx, SOx, and PM emissions	Pounds	102.8	0.0	0.0	0.0	0.0	0.0	102.8
	A-3A	Total NOx emissions	Pounds	91.9	0.0	0.0	0.0	0.0	0.0	91.9
	A-3B	Total SOx emissions	Pounds	6.6	0.0	0.0	0.0	0.0	0.0	6.6
	A-3C	Total PM emissions	Pounds	4.3	0.0	0.0	0.0	0.0	0.0	4.3
	A-4	Total HAP emissions	Pounds	0.7	0.0	0.0	0.0	0.0	0.0	0.7
	A-5	Total greenhouse gas emissions	Tons CO2e*	7.0	0.0	0.0	0.0	0.0	0.0	7.0
Land & Ecosystems	Qualitative Description									

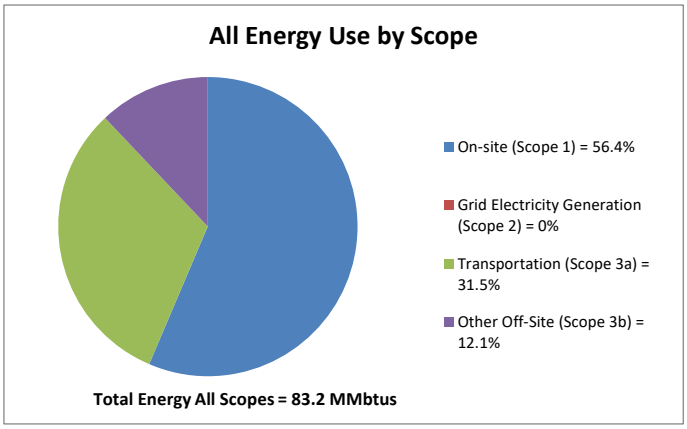
** Total greenhouse gases emissions (in CO2e) include consideration of CO2, CH4, and N2O (Nitrous oxide) emissions.*
"MMBtu" = millions of Btus
"MG" = millions of gallons
"CO2e" = carbon dioxide equivalents of global warming potential
"MWh" = megawatt hours (i.e., thousands of kilowatt-hours or millions of Watt-hours)
"Tons" = short tons (2,000 pounds)

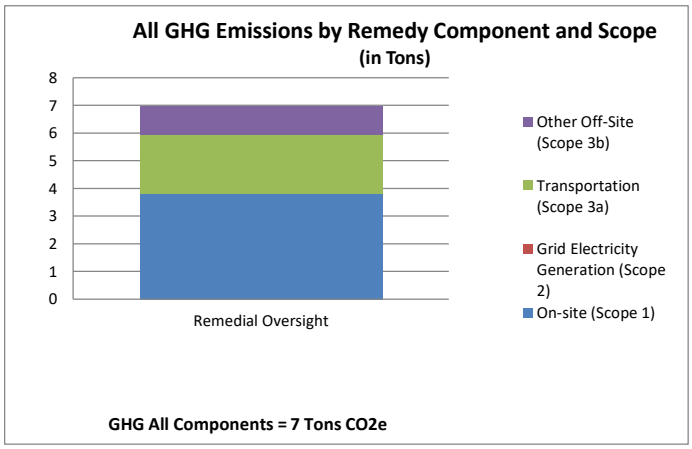
The above metrics are consistent with EPA's Methodology for Understanding and Reducing a Project's Environmental Footprint (EPA 542-R-12-002), February 2012

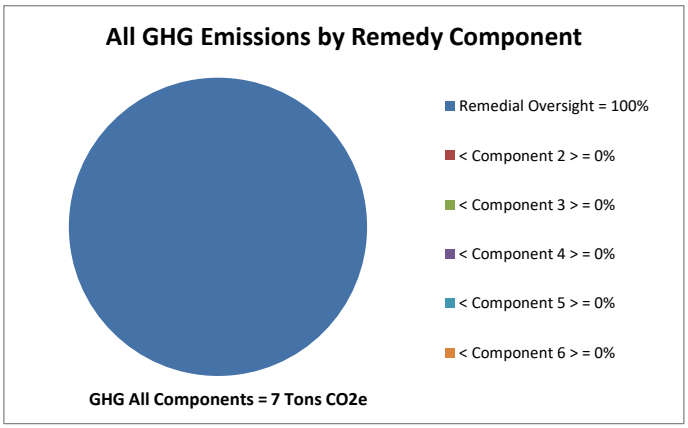
Notes:

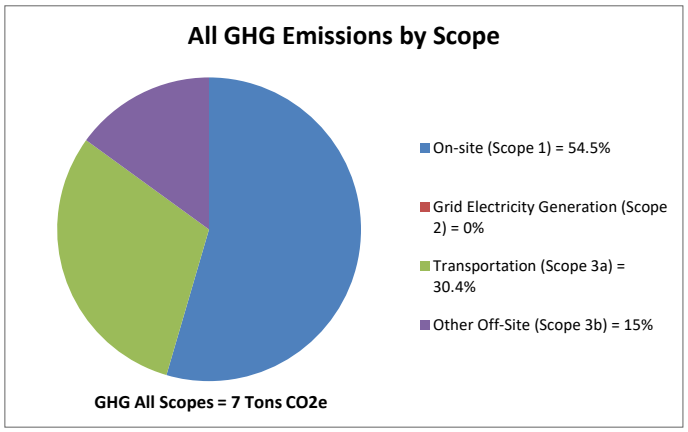

All Energy Use by Remedy Component and Scope
(in MMbtu)
90
80
70
60
50
40
30
20
10
0
Remedial Oversight
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
Total Energy All Components = 83.2 MMbtus

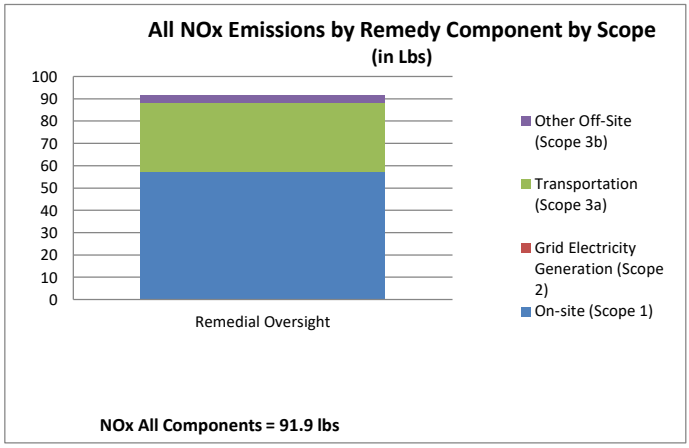

All Energy Use by Remedy Component
Remedial Oversight = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
Total Energy All Components = 83.2 MMbtus

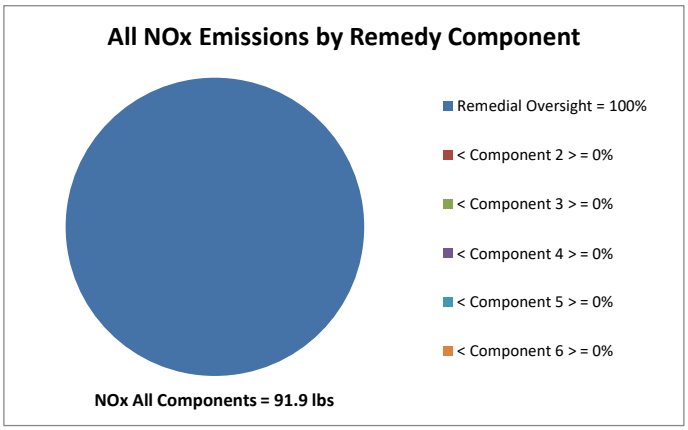

All Energy Use by Scope
On-site (Scope 1) = 56.4%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 31.5%
Other Off-Site (Scope 3b) = 12.1%
Total Energy All Scopes = 83.2 MMbtus

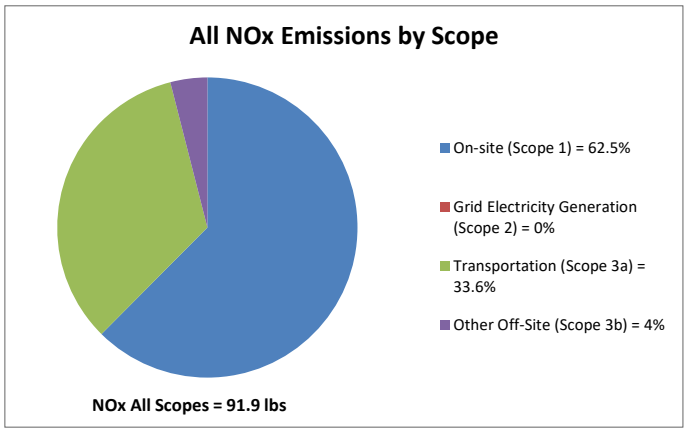

All GHG Emissions by Remedy Component and Scope
(in Tons)
8
7
6
5
4
3
2
1
0
Remedial Oversight
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
GHG All Components = 7 Tons CO2e

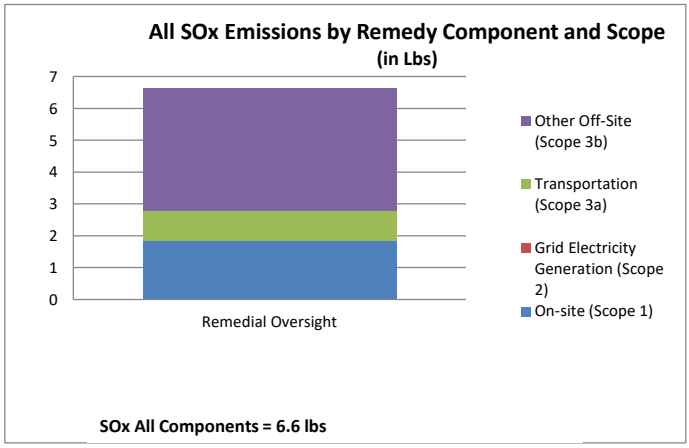

All GHG Emissions by Remedy Component
Remedial Oversight = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
GHG All Components = 7 Tons CO2e

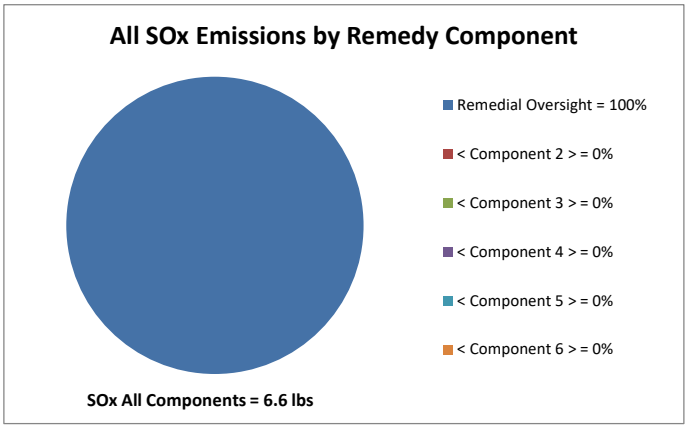

All GHG Emissions by Scope
On-site (Scope 1) = 54.5%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 30.4%
Other Off-Site (Scope 3b) = 15%
GHG All Scopes = 7 Tons CO2e

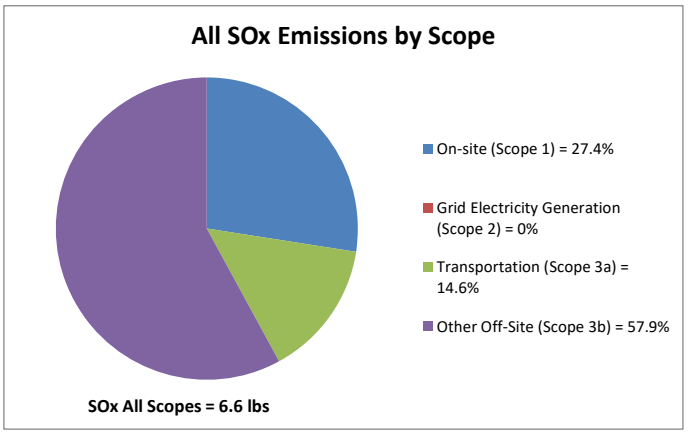

All NOx Emissions by Remedy Component by Scope
(in Lbs)
100
90
80
70
60
50
40
30
20
10
0
Remedial Oversight
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
NOx All Components = 91.9 lbs

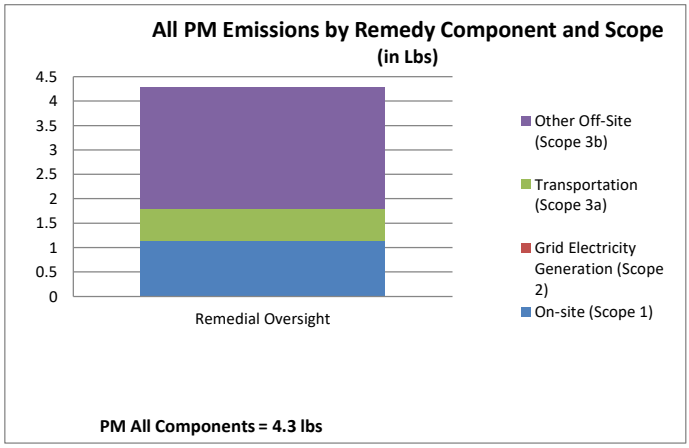

All NOx Emissions by Remedy Component
Remedial Oversight = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
NOx All Components = 91.9 lbs

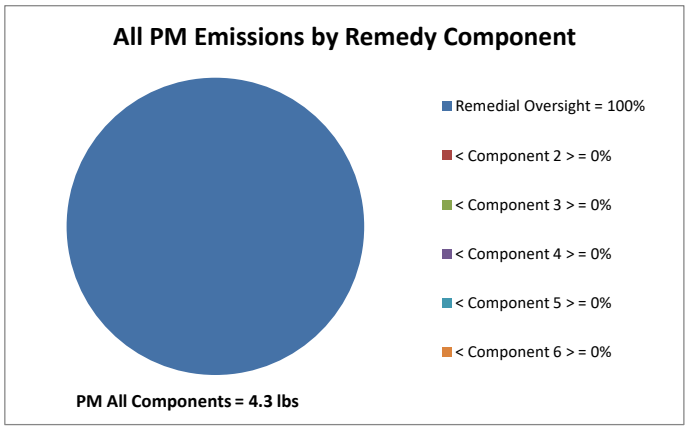

All NOx Emissions by Scope
On-site (Scope 1) = 62.5%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 33.6%
Other Off-Site (Scope 3b) = 4%
NOx All Scopes = 91.9 lbs

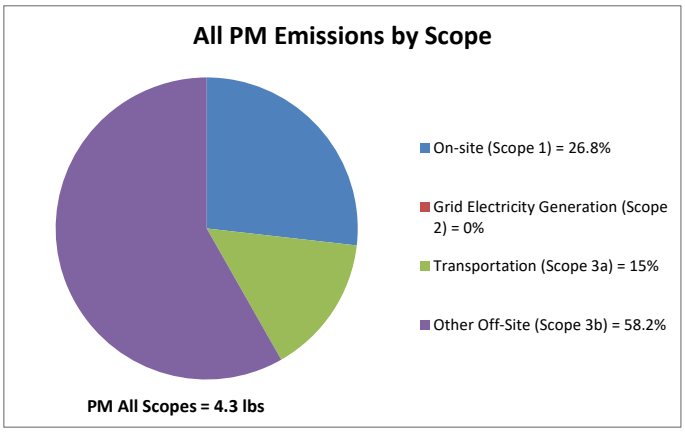

All SOx Emissions by Remedy Component and Scope
(in Lbs)
7
6
5
4
3
2
1
0
Remedial Oversight
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
SOx All Components = 6.6 lbs

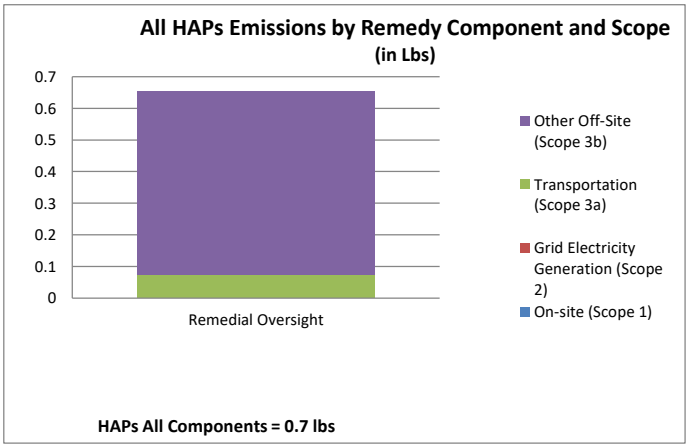

All SOx Emissions by Remedy Component
Remedial Oversight = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
SOx All Components = 6.6 lbs

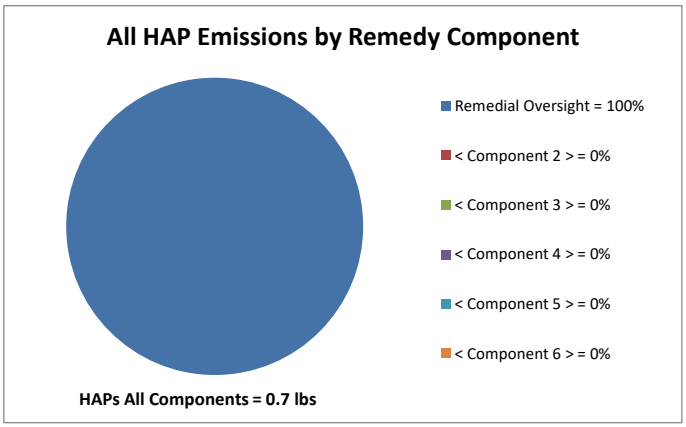

All SOx Emissions by Scope
On-site (Scope 1) = 27.4%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 14.6%
Other Off-Site (Scope 3b) = 57.9%
SOx All Scopes = 6.6 lbs

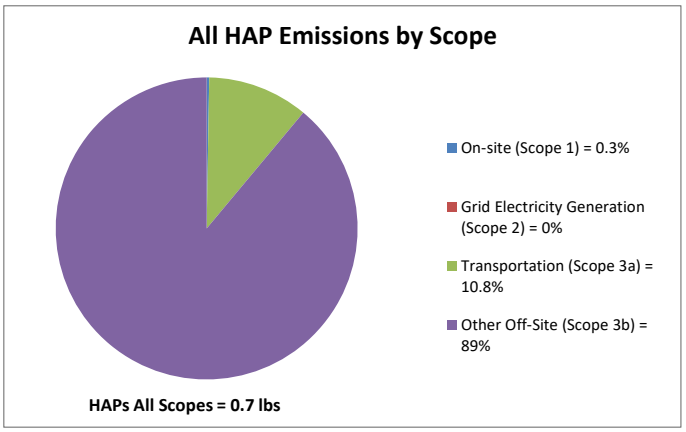

All PM Emissions by Remedy Component and Scope (in Lbs)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
Remedial Oversight
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
PM All Components = 4.3 lbs


All PM Emissions by Remedy Component
Remedial Oversight = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
PM All Components = 4.3 lbs


All PM Emissions by Scope
On-site (Scope 1) = 26.8%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 15%
Other Off-Site (Scope 3b) = 58.2%
PM All Scopes = 4.3 lbs


All HAPs Emissions by Remedy Component and Scope
(in Lbs)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Remedial Oversight
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
HAPs All Components = 0.7 lbs


All HAP Emissions by Remedy Component
Remedial Oversight = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
HAPs All Components = 0.7 lbs


All HAP Emissions by Scope
On-site (Scope 1) = 0.3%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 10.8%
Other Off-Site (Scope 3b) = 89%
HAPs All Scopes = 0.7 lbs

Remedial Oversight - Energy & Air Compiled Results

Category	Total Energy	GHG	NOx	SOx	PM	NOx + SOx + PM	HAPs
	MMbtus	lbs CO2e	lbs	lbs	lbs	lbs	lbs
On-site (Scope 1)	**47**	**7,595**	**57**	**2**	**1**	**60**	**0**
Grid Electricity Generation (Scope 2)	**0.000**	**0**	**0**	**0**	**0**	**0**	**0**
Transportation (Scope 3a)	**26**	**4,240**	**31**	**1**	**1**	**32**	**0**
Other Off-Site (Scope 3b)	**10**	**2,090**	**4**	**4**	**2**	**10**	**1**
Remedy Totals	**83**	**13,924**	**92**	**7**	**4**	**103**	**1**

Values that are forwarded to the "Summary" tab are indicated in orange.

Voluntary Renewable Energy Use	Unit	Quantity	
On-site renewable energy generation or use	MMBtu	**0**	
On-site biodiesel use	MMBtu	**0**	
Biodiesel and other renewable resource use for transportation	MMBtu	**0**	
On-site renewable energy generation or use + on-site biodiesel use + biodiesel and other renewable resource use for transportation	MMBtu	**0**	*(This value is the sum of the three rows above)*
Voluntary purchase of renewable electricity	MWh	**0**	
Voluntary purchase of RECs	MWh	**0**	

This worksheet is not intended for user input. Values on this worksheet are obtained from the following file:
SEFA_calculations_(121718).xlsx