



INSPECTION/FIELD ACTIVITY REPORT

BCP Site No.:	C224148	AUTHOR:	Josue Criollo
PROJECT NO.:	3165.0006R000	DATE:	09/28/2022
PROJECT:	Sunset Industrial Park 74 20 th St., Brooklyn, NY	WEATHER:	Sunny, 53-72 °F, Wind: WNW @8 mph, Humidity: 79%, Pressure: 30.06" Hg
CLIENT:	SIP Holdings Venture, LLC	TIME:	7:00 AM – 15:30 PM

CONTRACTOR AND EQUIPMENT:	PERSONNEL PRESENT AT SITE AND AFFILIATION:
<u>Kingdom – Excavation/Foundation Contractor</u> <ul style="list-style-type: none"> • Komatsu PC 350 LC Hydraulic Excavator • Komatsu PC 228US LC Hydraulic Excavator • Komatsu PC 50 MR Hydraulic Mini Excavator • Benford PT9100 Site Dumper • Volvo A25E 4X4 Articulated Hauler • Dynapac CA1300 Roller 	<u>Roux Environmental Engineering & Geology, D.P.C</u> Josue Criollo, Staff Assistant Engineer <u>Kingdom</u> Dawid Szmuc, Foreman <u>Suffolk</u> Caled Ho, Supervisor

GENERAL COMMENTS:

As part of the of the NYSDEC-approved Remedial Action Work Plan, Roux Environmental Engineering and Geology D.P.C. (Roux) performed environmental oversight and operated air monitoring equipment in compliance with the Community Air Monitoring Plan (CAMP) during foundation installation activities.

RAWP Activities Performed:

- Kingdom continued the installation of foundation elements within the northeast area of grid cell A2.
- Kingdom excavated test pits around erected piles approximately 6-10 ft below land surface (bls) near the western perimeter of grid cells A2 and A3 and on the northeast area of grid cell A3 for endpoints soil sampling as required by the RAWP. The test pits were backfilled in-place after soil sampling was completed.
- Kingdom continued to backfill around completed foundation elements in grid cell A1.
- Roux collected four documentation soil endpoint samples (EP-5, EP-9, EP-10, and EP-11, and associated QA/QC samples) for analysis of TAL/TCL/Part 375+30 list and emerging contaminants. **This completes the endpoint sampling schedule for the site.**

CAMP Performed:

- CAMP was performed from 07:00 am to 3:30 pm. No exceedances of dust or VOCs were recorded.

Other Relevant Comments or Issues:

- N/A

Upcoming work activities:

- Installation of SOE and deeper foundation elements (footings, piers, pile caps, etc.) expected to continue throughout the site area through October 2022. Localized excavation will occur, as necessary.
- Roux will continue oversight, performance of CAMP during intrusive construction activities.

Submitted By: Josue Criollo of Roux Environmental Engineering and Geology, D.P.C.	Approved By: Levi Curnutte of Roux Environmental Engineering and Geology, D.P.C.
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PHOTOS:**Photo 1:**

Looking north: Rebar being installed in elevator pit area in grid A1.

**Photo 2:**

Looking east: View of the downwind CAMP station located near the east corner of grid cell A2.

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**Photo 3:**

Looking west: Kingdom excavating near the west perimeter of grid cell A2 for endpoint soil sample EP-11.

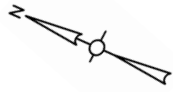
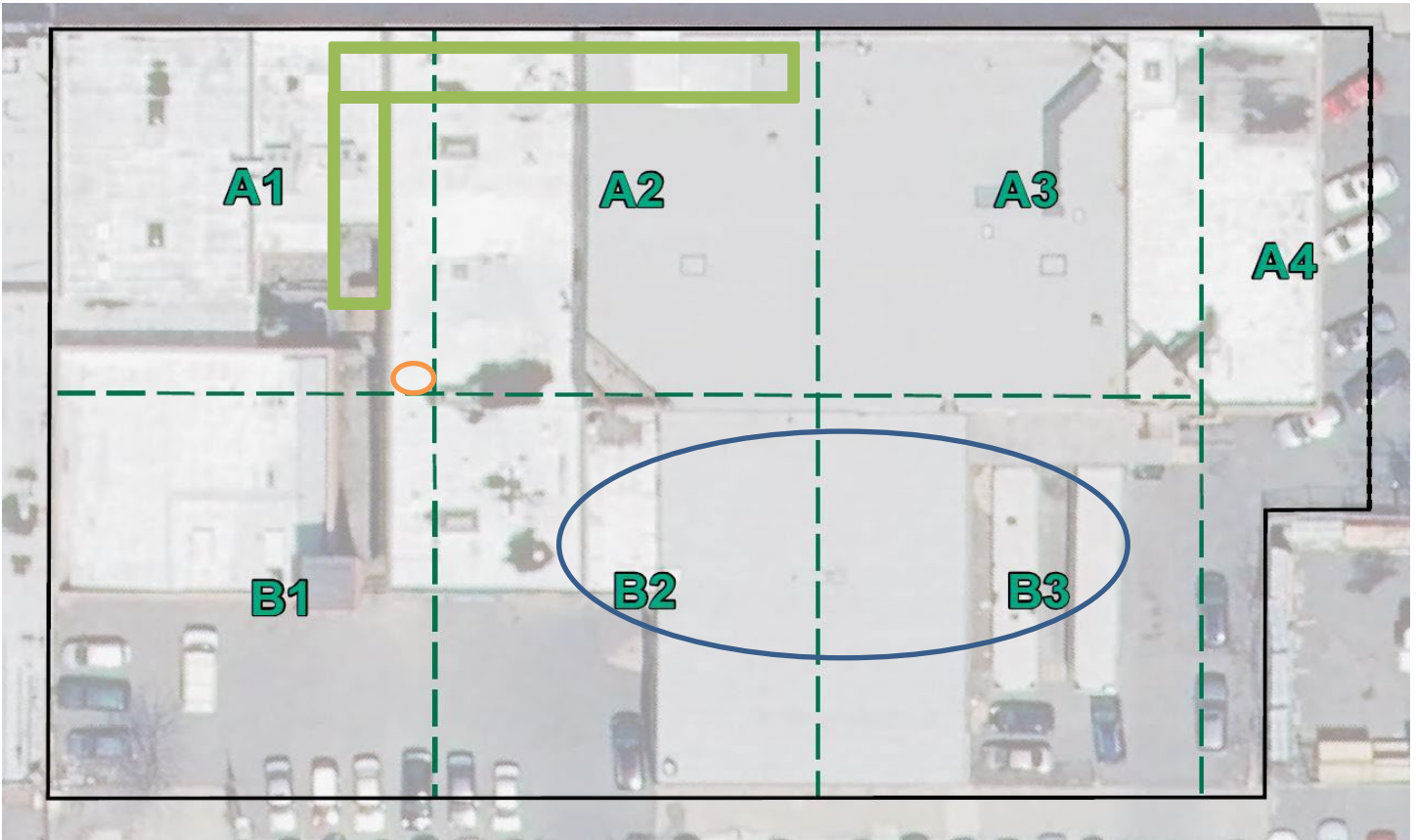
**Photo 4:**




Looking east: EP-9 endpoint sample being collected via test pit in grid A3.

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Site Map



-  Current area of localized excavation for foundation installation
-  Soil Stockpile
-  Concrete Stockpile

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Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Particulate Monitoring

Project: 74 20th Street, Brooklyn, NY
 Project Number: 3165.0006J000
 Project Manager: Levi Curnutte
 Location: 74 20th Street, Brooklyn, NY
 Date: 9/28/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (mg/m ³)	Time	15-min Avg. (mg/m ³)	
7:13 AM	0.012	7:16 AM	0.027	0.015
7:28 AM	0.009	7:31 AM	0.010	0.001
7:43 AM	0.012	7:46 AM	0.010	-0.002
7:58 AM	0.011	8:01 AM	0.009	-0.002
8:13 AM	0.01	8:16 AM	0.009	-0.001
8:28 AM	0.011	8:31 AM	0.009	-0.002
8:43 AM	0.009	8:46 AM	0.008	-0.001
8:58 AM	0.012	9:01 AM	0.009	-0.003
9:13 AM	0.012	9:16 AM	0.012	0.000
9:28 AM	0.013	9:31 AM	0.010	-0.003
9:43 AM	0.009	9:46 AM	0.008	-0.001
9:58 AM	0.007	10:01 AM	0.007	0.000
10:13 AM	0.007	10:16 AM	0.008	0.001
10:28 AM	0.008	10:31 AM	0.008	0.000
10:43 AM	0.01	10:46 AM	0.008	-0.002
10:58 AM	0.008	11:01 AM	0.014	0.006
11:13 AM	0.008	11:16 AM	0.007	-0.001
11:28 AM	0.008	11:31 AM	0.007	-0.001
11:43 AM	0.009	11:46 AM	0.007	-0.002
11:58 AM	0.008	12:01 PM	0.007	-0.001
12:13 PM	0.008	12:16 PM	0.010	0.002
12:28 PM	0.007	12:31 PM	0.009	0.002
12:43 PM	0.007	12:46 PM	0.007	0.000
12:58 PM	0.008	1:01 PM	0.011	0.003
1:13 PM	0.01	1:16 PM	0.008	-0.002
1:28 PM	0.009	1:31 PM	0.007	-0.002
1:43 PM	0.008	1:46 PM	0.011	0.003
1:58 PM	0.013	2:01 PM	0.013	0.000
2:13 PM	0.013	2:16 PM	0.013	0.000
2:28 PM	0.011	2:31 PM	0.009	-0.002
2:43 PM	0.01	2:46 PM	0.014	0.004
2:58 PM	0.008	3:01 PM	0.010	0.002
3:13 PM	0.011	3:16 PM	0.008	-0.003

mg/m³ - milligrams per meters cubed

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC Monitoring

Project: 74 20th Street, Brooklyn, NY
 Project Number: 3165.0006J000
 Project Manager: Levi Curnutte
 Location: 74 20th Street, Brooklyn, NY
 Date: 9/28/2022

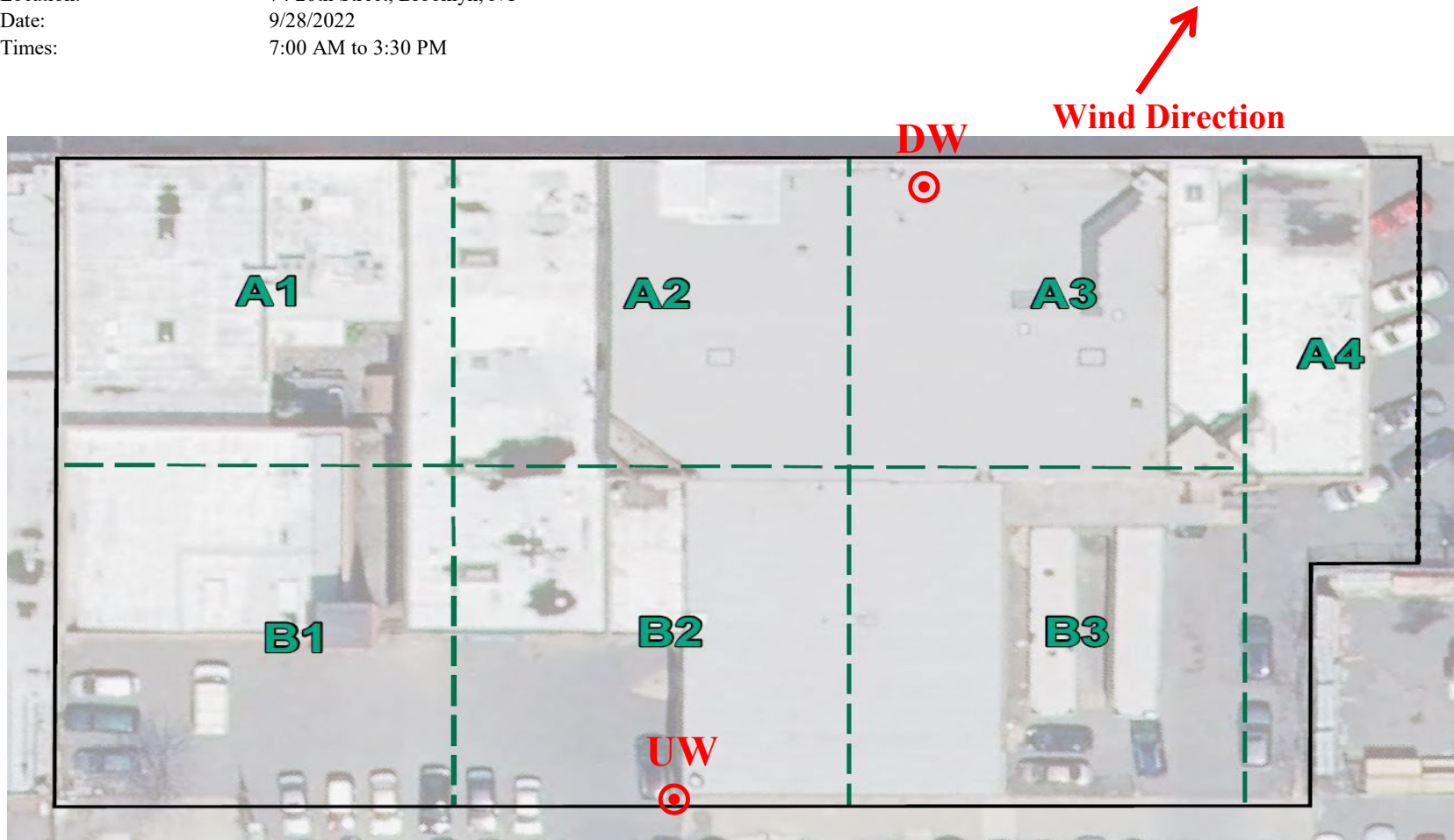
Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (PPM)	Time	15-min Avg. (PPM)	
7:15 AM	0.2	7:17 AM	0.1	-0.1
7:30 AM	0.1	7:32 AM	0.1	0.0
7:45 AM	0.1	7:47 AM	0.2	0.1
8:00 AM	0.2	8:02 AM	0.2	0.0
8:15 AM	0.3	8:17 AM	0.2	-0.1
8:30 AM	0.3	8:32 AM	0.2	-0.1
8:45 AM	0.3	8:47 AM	0.2	-0.1
9:00 AM	0.3	9:02 AM	0.2	-0.1
9:15 AM	0.3	9:17 AM	0.2	-0.1
9:30 AM	0.3	9:32 AM	0.2	-0.1
9:45 AM	0.3	9:47 AM	0.2	-0.1
10:00 AM	0.2	10:02 AM	0.2	0.0
10:15 AM	0.2	10:17 AM	0.2	0.0
10:30 AM	0.2	10:32 AM	0.2	0.0
10:45 AM	0.2	10:47 AM	0.2	0.0
11:00 AM	0.2	11:02 AM	0.2	0.0
11:15 AM	0.2	11:17 AM	0.2	0.0
11:30 AM	0.2	11:32 AM	0.2	0.0
11:45 AM	0.2	11:47 AM	0.2	0.0
12:00 PM	0.1	12:02 PM	0.2	0.1
12:15 PM	0.1	12:17 PM	0.2	0.1
12:30 PM	0.2	12:32 PM	0.2	0.0
12:45 PM	0.1	12:47 PM	0.2	0.1
1:00 PM	0.1	1:02 PM	0.2	0.1
1:15 PM	0.1	1:17 PM	0.2	0.1
1:30 PM	0.1	1:32 PM	0.2	0.1
1:45 PM	0.1	1:47 PM	0.2	0.1
2:00 PM	0.1	2:02 PM	0.2	0.1
2:15 PM	0.1	2:17 PM	0.2	0.1
2:30 PM	0.1	2:32 PM	0.2	0.1
2:45 PM	0.1	2:47 PM	0.2	0.1
3:00 PM	0.1	3:02 PM	0.2	0.1
3:15 PM	0.2	3:17 PM	0.2	0.0

VOC - Volatile Organic Compound

PPM - parts per million

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Meter Locations

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Notes: CAMP - Community Air Monitoring Program
UW - Upwind CAMP Station
DW - Downwind CAMP Station