



## SECTION/FIELD ACTIVITY REPORT

BCP Site No.:	C224148	AUTHOR:	Josue Criollo
PROJECT NO.:	3165.0006R000	DATE:	09/23/2022
PROJECT:	Sunset Industrial Park 74 20 <sup>th</sup> St., Brooklyn, NY	WEATHER:	Sunny, 57-64 °F, Wind: NNW @15 mph, Humidity: 66%, Pressure: 29.92" Hg
CLIENT:	SIP Holdings Venture, LLC	TIME:	7:00 AM – 16:00 PM

CONTRACTOR AND EQUIPMENT:	PERSONNEL PRESENT AT SITE AND AFFILIATION:
<u>Kingdom – Excavation/Foundation Contractor</u> <ul style="list-style-type: none"><li>Komatsu PC 350 LC Hydraulic Excavator</li><li>Komatsu PC 228US LC Hydraulic Excavator</li><li>Komatsu PC 50 MR Hydraulic Mini Excavator</li><li>Benford PT9100 Site Dumper</li><li>Volvo A25E 4X4 Articulated Hauler</li><li>Dynapac CA1300 Roller</li></ul>	<u>Roux Environmental Engineering &amp; 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 backfilled in grids cells A1 and B1 around foundation elements with previously stockpiled soil located in the center area of grid cell B2, as necessary.
- Kingdom continued the installation of foundation elements within the north area of grid cell A2.
- Kingdom poured concrete for the foundation in grids A1 and B1.
- Kingdom began installing waterproofing within the northern elevator pit (grid cell A2). GCP Preprufe 300R was installed in accordance with the manufacturer's specifications. Endlaps were taped and penetrations were sealed with tape and liquid mastic. Roux performed inspections during installation.

**CAMP Performed:**

- CAMP was performed from 07:15 am to 3:30 pm. No exceedances of dust or VOCs were recorded.

**Other Relevant Comments or Issues:**

- None.

**Upcoming work activities:**

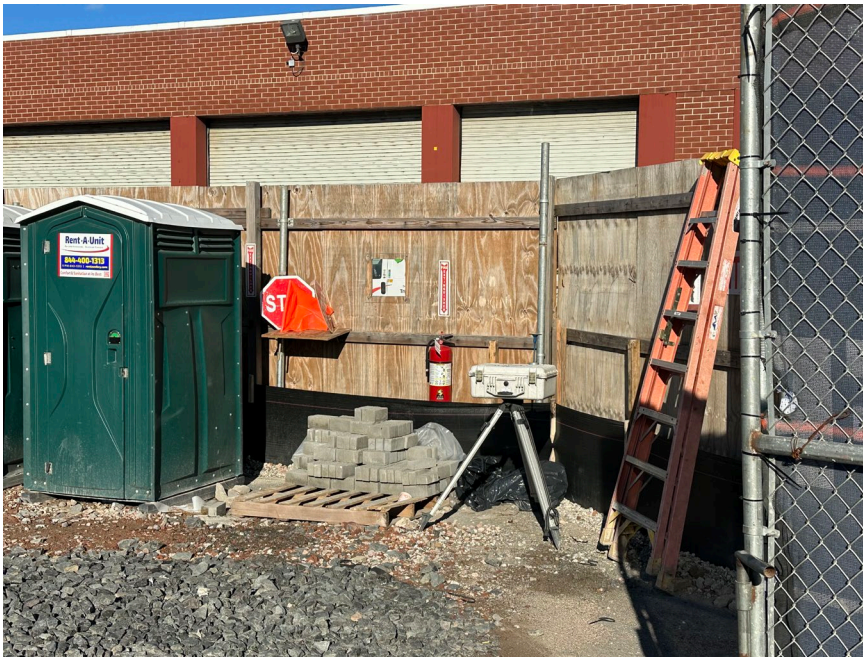
- Installation of SOE and deeper foundation elements (footings, piers, pile caps, etc.) expected to continue throughout the site area through October 2022. Localized excavation will occur, as necessary.
- Roux will continue oversight, performance of CAMP during intrusive construction activities, and collecting soil documentation end point samples as required by the RAWP.
- Continue installation of waterproofing membrane in elevator pit located in grid cell A2.

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 northeast: View of the upwind CAMP station located in the north corner of the site.



#### **Photo 2:**

Looking northeast: View of the downwind CAMP station located near the south corner of grid cell B2.

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**Photo 3:**

Looking southwest: Soil backfilling around previously poured foundation elements within grid cells A1 and B1.



**Photo 4:**




Looking south: Kingdom performing waterproofing membrane installation in elevator pit within grid cell A2.

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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: 9/23/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (mg/m <sup>3</sup> )	Time	15-min Avg. (mg/m <sup>3</sup> )	
7:16 AM	0.023	7:15 AM	0.008	-0.015
7:31 AM	0.001	7:30 AM	0.006	0.005
7:46 AM	0.002	7:45 AM	0.008	0.006
8:01 AM	0.002	8:00 AM	0.006	0.004
8:16 AM	0.002	8:15 AM	0.007	0.005
8:31 AM	0.004	8:30 AM	0.007	0.003
8:46 AM	0.005	8:45 AM	0.008	0.003
9:01 AM	0.007	9:00 AM	0.011	0.004
9:16 AM	0.004	9:15 AM	0.017	0.013
9:31 AM	0.005	9:30 AM	0.014	0.009
9:46 AM	0.006	9:45 AM	0.013	0.007
10:01 AM	0.005	10:00 AM	0.012	0.007
10:16 AM	0.003	10:15 AM	0.008	0.005
10:31 AM	0.005	10:30 AM	0.011	0.006
10:46 AM	0.005	10:45 AM	0.011	0.006
11:01 AM	0.004	11:00 AM	0.010	0.006
11:16 AM	0.004	11:15 AM	0.009	0.005
11:31 AM	0.004	11:30 AM	0.007	0.003
11:46 AM	0.003	11:45 AM	0.008	0.005
12:01 PM	0.004	12:00 PM	0.009	0.005
12:16 PM	0.006	12:15 PM	0.014	0.008
12:31 PM	0.007	12:30 PM	0.012	0.005
12:46 PM	0.006	12:45 PM	0.010	0.004
1:01 PM	0.007	1:00 PM	0.017	0.010
1:16 PM	0.006	1:15 PM	0.011	0.005
1:31 PM	0.011	1:30 PM	0.014	0.003
1:46 PM	0.009	1:45 PM	0.014	0.005
2:01 PM	0.013	2:00 PM	0.018	0.005
2:16 PM	0.013	2:15 PM	0.038	0.025
2:31 PM	0.018	2:30 PM	0.019	0.001
2:46 PM	0.01	2:45 PM	0.031	0.021
3:01 PM	0.018	3:00 PM	0.026	0.008
3:16 PM	0.012	3:15 PM	0.022	0.010
NM	NM	3:30 PM	0.034	0.034

mg/m3 - milligrams per meters cubed

NM - Not Measured

**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: 9/23/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (PPM)	Time	15-min Avg. (PPM)	
7:26 AM	0.0	7:27 AM	0.0	0.0
7:41 AM	0.0	7:42 AM	0.0	0.0
7:56 AM	0.0	7:57 AM	0.1	0.1
8:11 AM	0.0	8:12 AM	0.1	0.1
8:26 AM	0.1	8:27 AM	0.1	0.0
8:41 AM	0.1	8:42 AM	0.1	0.0
8:56 AM	0.1	8:57 AM	0.1	0.0
9:11 AM	0.1	9:12 AM	0.1	0.0
9:26 AM	0.1	9:27 AM	0.1	0.0
9:41 AM	0.1	9:42 AM	0.1	0.0
9:56 AM	0.1	9:57 AM	0.1	0.0
10:11 AM	0.1	10:12 AM	0.1	0.0
10:26 AM	0.1	10:27 AM	0.1	0.0
10:41 AM	0.1	10:42 AM	0.1	0.0
10:56 AM	0.1	10:57 AM	0.1	0.0
11:11 AM	0.1	11:12 AM	0.1	0.0
11:26 AM	0.1	11:27 AM	0.1	0.0
11:41 AM	0.1	11:42 AM	0.2	0.1
11:56 AM	0.1	11:57 AM	0.2	0.1
12:11 PM	0.1	12:12 PM	0.2	0.1
12:26 PM	0.1	12:27 PM	0.2	0.1
12:41 PM	0.1	12:42 PM	0.2	0.1
12:56 PM	0.1	12:57 PM	0.2	0.1
1:11 PM	0.1	1:12 PM	0.2	0.1
1:26 PM	0.0	1:27 PM	0.2	0.2
1:41 PM	0.0	1:42 PM	0.2	0.2
1:56 PM	0.0	1:57 PM	0.2	0.2
2:11 PM	0.0	2:12 PM	0.2	0.2
2:26 PM	0.0	2:27 PM	0.2	0.2
2:41 PM	0.0	2:42 PM	0.2	0.2
2:56 PM	0.0	2:57 PM	0.2	0.2
3:11 PM	0.0	3:12 PM	0.2	0.2
3:26 PM	0.0	3:27 PM	0.2	0.2

VOC - Volatile Organic Compound

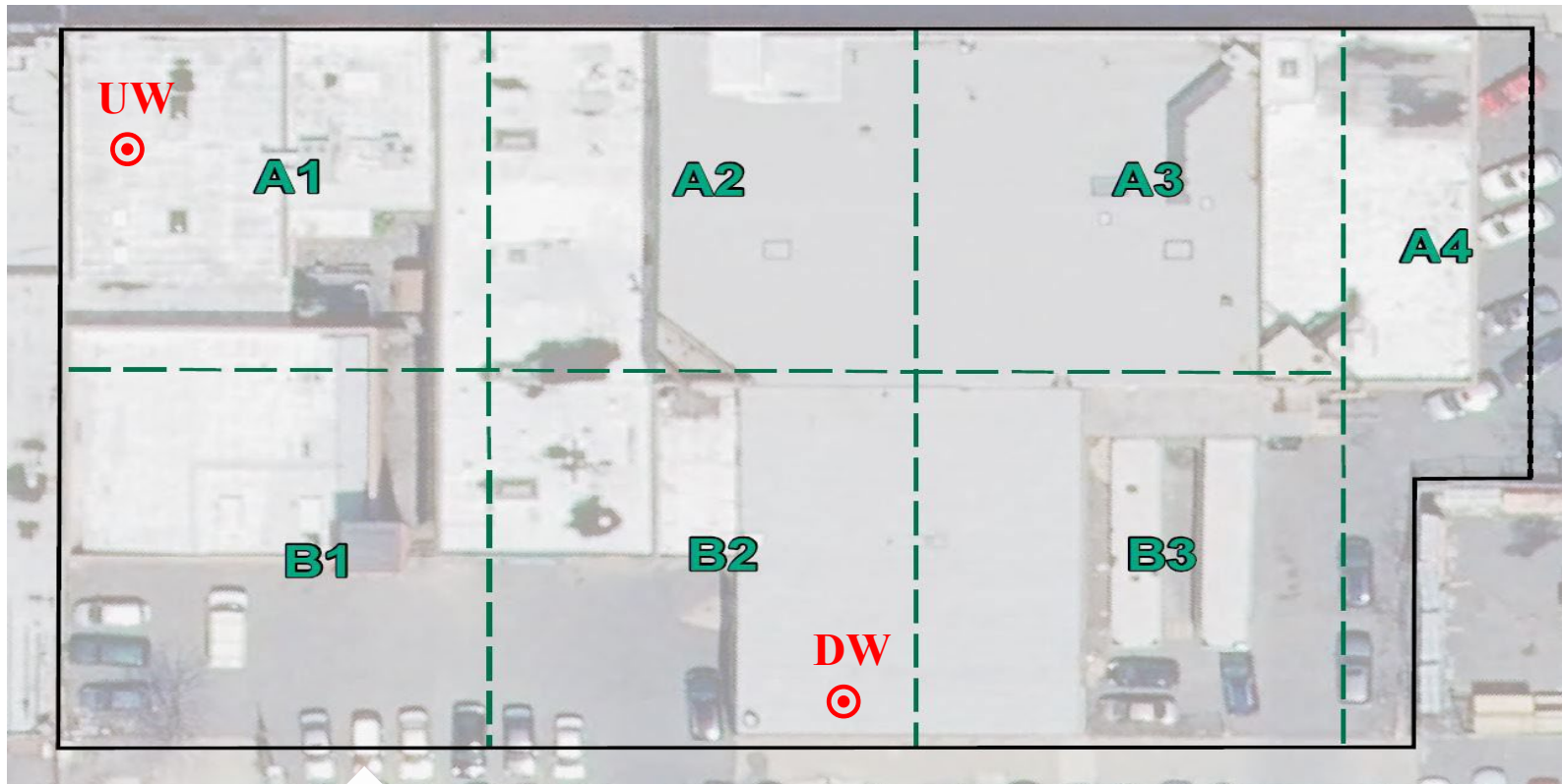
PPM - parts per million



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

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Location: 74 20th Street, Brooklyn, NY  
Date: 9/23/2022  
Times: 7:15 AM to 3:30 PM

  
**Wind Direction**



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