



INSPECTION/FIELD ACTIVITY REPORT

BCP Site No.:	C224148	AUTHOR:	Josue Criollo
PROJECT NO.:	3165.0006R000	DATE:	09/26/2022
PROJECT:	Sunset Industrial Park 74 20 th St., Brooklyn, NY	WEATHER:	Sunny, 60-75 °F, Wind: WSW @9 mph, Humidity: 81%, Pressure: 29.72" Hg
CLIENT:	SIP Holdings Venture, LLC	TIME:	7:00 AM – 15:40 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 ExcavatorKomatsu PC 228US LC Hydraulic ExcavatorKomatsu PC 50 MR Hydraulic Mini ExcavatorBenford PT9100 Site DumperVolvo A25E 4X4 Articulated HaulerDynapac 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 backfilling in grids cells A1 and B1 around foundation elements with previously displaced soil.
- Kingdom continued the installation of foundation elements within the northeast area of grid cell A2.
- Kingdom started excavating around production piles within grid cell A2 for upcoming foundation installation.
- Kingdom completed installing waterproofing within the northern elevator pit (grid cell A1). 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:

- 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, and collecting soil documentation end point samples as required by the RAWP.

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 west: View of the upwind CAMP station located in the west area of the site.



Photo 2:

Looking north: View of the downwind CAMP station located near the NE area of grid cell A2.

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Photo 3:

Looking north: Representative photo of waterproofing installation in grid cell A1 elevator pit; Preprufe tape and liquid mastic used to seal around production pile penetrations.



Photo 4:




Looking north: Kingdom completed waterproofing installation in elevator pit within grid cell A1.

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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: 9/26/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (mg/m ³)	Time	15-min Avg. (mg/m ³)	
7:15 AM	0.018	7:17 AM	0.014	-0.004
7:30 AM	0.016	7:32 AM	0.014	-0.002
7:45 AM	0.015	7:47 AM	0.016	0.001
8:00 AM	0.019	8:02 AM	0.014	-0.005
8:15 AM	0.02	8:17 AM	0.017	-0.003
8:30 AM	0.021	8:32 AM	0.018	-0.003
8:45 AM	0.018	8:47 AM	0.025	0.007
9:00 AM	0.017	9:02 AM	0.028	0.011
9:15 AM	0.016	9:17 AM	0.016	0.000
9:30 AM	0.014	9:32 AM	0.014	0.000
9:45 AM	0.013	9:47 AM	0.014	0.001
10:00 AM	0.014	10:02 AM	0.021	0.007
10:15 AM	0.014	10:17 AM	0.017	0.003
10:30 AM	0.013	10:32 AM	0.015	0.002
10:45 AM	0.012	10:47 AM	0.013	0.001
11:00 AM	0.013	11:02 AM	0.014	0.001
11:15 AM	0.013	11:17 AM	0.012	-0.001
11:30 AM	0.012	11:32 AM	0.021	0.009
11:45 AM	0.013	11:47 AM	0.023	0.010
12:00 PM	0.012	12:02 PM	0.020	0.008
12:15 PM	0.012	12:17 PM	0.018	0.006
12:30 PM	0.012	12:32 PM	0.023	0.011
12:45 PM	0.013	12:47 PM	0.018	0.005
1:00 PM	0.013	1:02 PM	0.020	0.007
1:15 PM	0.013	1:17 PM	0.009	-0.004
1:30 PM	0.013	1:32 PM	0.009	-0.004
1:45 PM	0.012	1:47 PM	0.021	0.009
2:00 PM	0.013	2:02 PM	0.023	0.010
2:15 PM	0.014	2:17 PM	0.019	0.005
2:30 PM	0.015	2:32 PM	0.019	0.004
2:45 PM	0.015	2:47 PM	0.014	-0.001
3:00 PM	0.016	3:02 PM	0.016	0.000
3:15 PM	0.015	3:17 PM	0.022	0.007
3:30 PM	0.014	NM	NM	0.014

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: 9/26/2022

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	7:28 AM	0.1	0.1
7:41 AM	0.0	7:43 AM	0.1	0.1
7:56 AM	0.1	7:58 AM	0.1	0.0
8:11 AM	0.2	8:13 AM	0.2	0.0
8:26 AM	0.2	8:28 AM	0.2	0.0
8:41 AM	0.3	8:43 AM	0.2	-0.1
8:56 AM	0.3	8:58 AM	0.2	-0.1
9:11 AM	0.3	9:13 AM	0.2	-0.1
9:26 AM	0.3	9:28 AM	0.2	-0.1
9:41 AM	0.3	9:43 AM	0.2	-0.1
9:56 AM	0.3	9:58 AM	0.2	-0.1
10:11 AM	0.3	10:13 AM	0.2	-0.1
10:26 AM	0.3	10:28 AM	0.2	-0.1
10:41 AM	0.3	10:43 AM	0.3	0.0
10:56 AM	0.3	10:58 AM	0.3	0.0
11:11 AM	0.3	11:13 AM	0.3	0.0
11:26 AM	0.2	11:28 AM	0.3	0.1
11:41 AM	0.2	11:43 AM	0.3	0.1
11:56 AM	0.2	11:58 AM	0.3	0.1
12:11 PM	0.2	12:13 PM	0.3	0.1
12:26 PM	0.2	12:28 PM	0.3	0.1
12:41 PM	0.2	12:43 PM	0.3	0.1
12:56 PM	0.2	12:58 PM	0.3	0.1
1:11 PM	0.2	1:13 PM	0.3	0.1
1:26 PM	0.1	1:28 PM	0.2	0.1
1:41 PM	0.1	1:43 PM	0.2	0.1
1:56 PM	0.1	1:58 PM	0.2	0.1
2:11 PM	0.1	2:13 PM	0.2	0.1
2:26 PM	0.1	2:28 PM	0.2	0.1
2:41 PM	0.1	2:43 PM	0.2	0.1
2:56 PM	0.1	2:58 PM	0.2	0.1
3:11 PM	0.1	3:13 PM	0.2	0.1
3:26 PM	0.1	3:28 PM	0.2	0.1

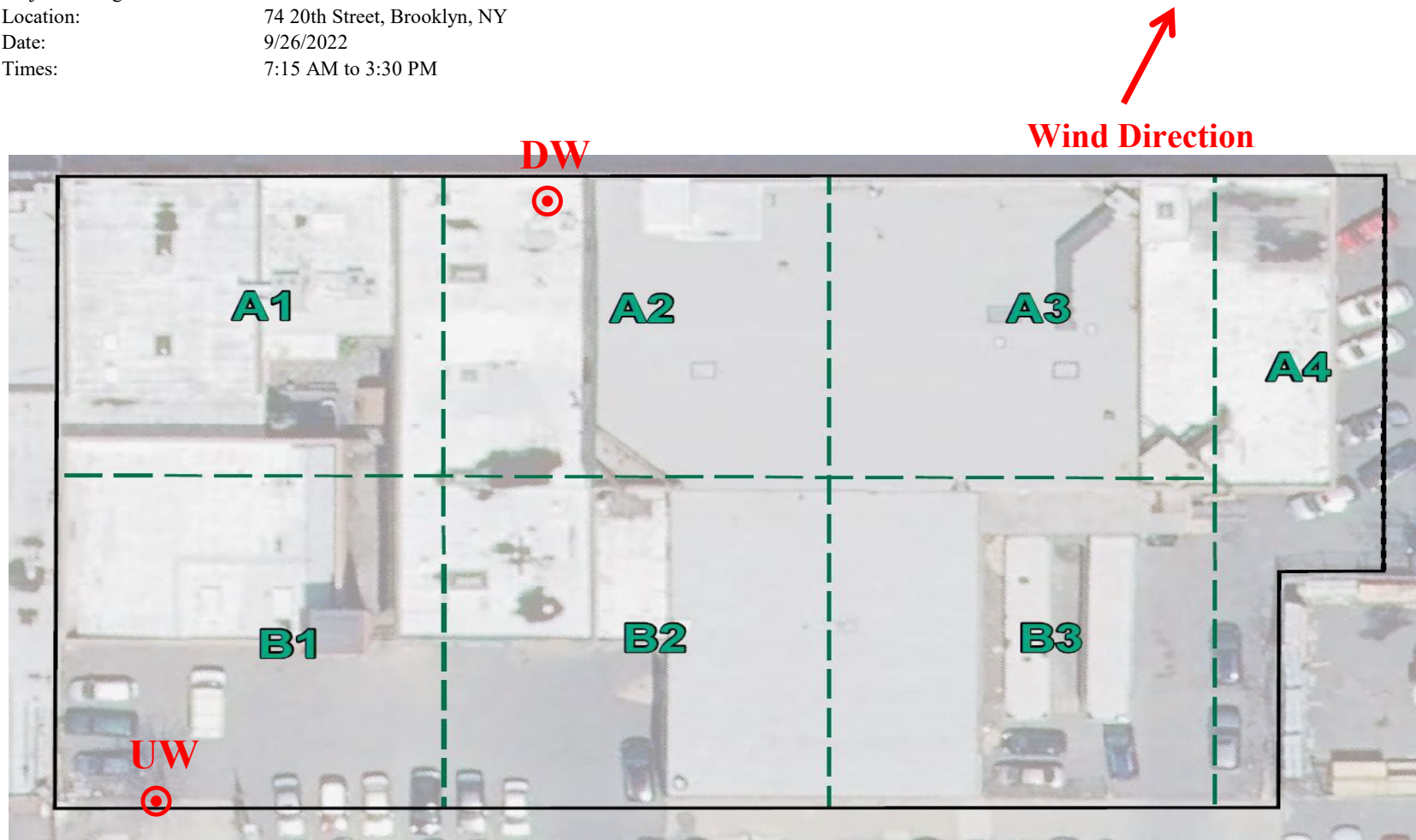
VOC - Volatile Organic Compound

PPM - parts per million

NM - Not Measured

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

Project: 74 20th Street, Brooklyn, NY
Project Number: 3165.0006J000
Project Manager: Levi Curnutte
Location: 74 20th Street, Brooklyn, NY
Date: 9/26/2022
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Notes: CAMP - Community Air Monitoring Program
UW - Upwind CAMP Station
DW - Downwind CAMP Station