



INSPECTION/FIELD ACTIVITY REPORT

BCP Site No.:	C224148	AUTHOR:	Robert Martin
PROJECT NO.:	3165.0006R000	DATE:	08/31/2022
PROJECT:	Sunset Industrial Park 74 20 th St., Brooklyn, NY	WEATHER:	Cloud, 71-85°F, Wind: W @ 5 mph Humidity: 80%, Pressure: 29.78" Hg
CLIENT:	SIP Holdings Venture, LLC	TIME:	07:00 AM – 4:00 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 DumperKomatsu WA380-5 Wheel Loader	<u>Roux Environmental Engineering & Geology, D.P.C</u> Robert Martin, Staff Geologist <u>Kingdom</u> David Szmuc, Assistant Project Manager <u>Suffolk</u> Cal Ho, Project Manager

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 to excavate beginning north and going south to establish mat footings in grid cells B1 and B2
- Backfilling/compacting activities were took place in grid cell A4.

CAMP Performed:

- CAMP was performed from 7:40 am to 3:45 pm. No exceedances of VOCs or particulates 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.

PHOTOS:

Submitted By: Robert Martin 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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**Photo 1:**

Looking southwest: Kingdom loading dump truck to continuing backfilling in grid cell A4

**Photo 2 :**

Looking southwest: Grid cell A4 backfilled and compacted.

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**Photo 3:**

Looking southwest: Excavator compacting soil during backfill within walls on the southwestern end of grid cell A4.

**Photo 4:**


Looking east: Kingdom making progress on rebar in grid cell B1.


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Site Map



 Petroleum-impacted Soil Staging Area

 Discovery area of 3 USTs

 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: 8/31/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (mg/m ³)	Time	15-min Avg. (mg/m ³)	
7:40 AM	0.026	7:38 AM	0.013	-0.013
7:55 AM	0.014	7:53 AM	0.014	0.000
8:10 AM	0.015	8:08 AM	0.016	0.001
8:25 AM	0.016	8:23 AM	0.017	0.001
8:40 AM	0.018	8:38 AM	0.020	0.002
8:55 AM	0.019	8:53 AM	0.019	0.000
9:10 AM	0.019	9:08 AM	0.019	0.000
9:25 AM	0.019	9:23 AM	0.019	0.000
9:40 AM	0.022	9:38 AM	0.022	0.000
9:55 AM	0.025	9:53 AM	0.026	0.001
10:10 AM	0.031	10:08 AM	0.025	-0.006
10:25 AM	0.026	10:23 AM	0.026	0.000
10:40 AM	0.028	10:38 AM	0.029	0.001
10:55 AM	0.029	10:53 AM	0.028	-0.001
11:10 AM	0.029	11:08 AM	0.028	-0.001
11:25 AM	0.025	11:23 AM	0.028	0.003
11:40 AM	0.029	11:38 AM	0.032	0.003
11:55 AM	0.025	11:53 AM	0.029	0.004
12:10 PM	0.023	12:08 PM	0.025	0.002
12:25 PM	0.022	12:23 PM	0.022	0.000
12:40 PM	0.024	12:38 PM	0.026	0.002
12:55 PM	0.023	12:53 PM	0.026	0.003
1:10 PM	0.024	1:08 PM	0.035	0.011
1:25 PM	0.023	1:23 PM	0.025	0.002
1:40 PM	0.023	1:38 PM	0.026	0.003
1:55 PM	0.036	1:53 PM	0.027	-0.009
2:10 PM	0.023	2:08 PM	0.033	0.010
2:25 PM	0.021	2:23 PM	0.026	0.005
2:40 PM	0.024	2:38 PM	0.025	0.001
2:55 PM	0.020	2:53 PM	0.083	0.063
3:10 PM	0.018	3:08 PM	0.026	0.008
3:25 PM	0.018	3:23 PM	0.024	0.006

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: 8/31/2022

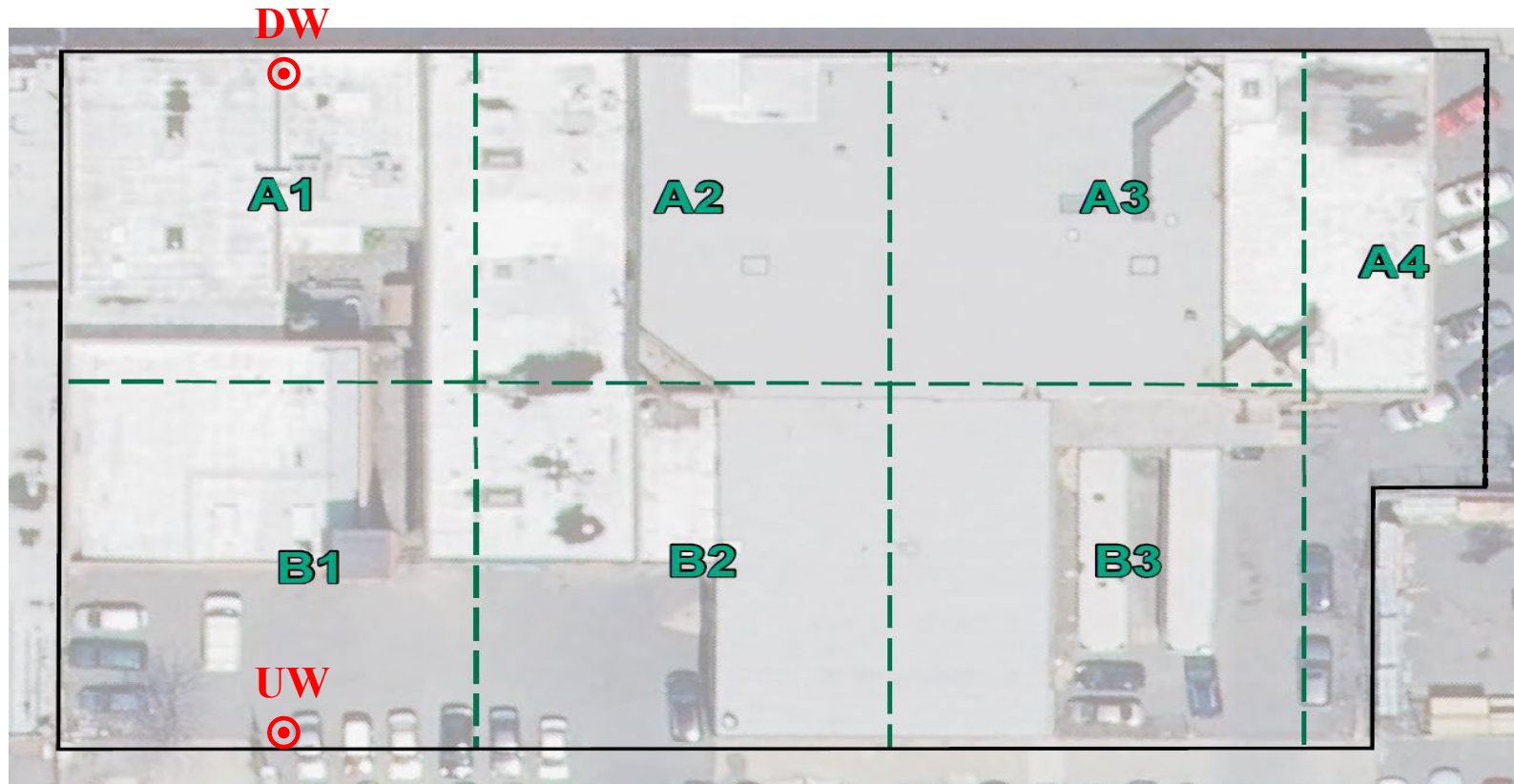
Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (PPM)	Time	15-min Avg. (PPM)	
7:46 AM	0.1	7:43 AM	0.0	-0.1
8:01 AM	0.1	7:58 AM	0.0	-0.1
8:16 AM	0.1	8:13 AM	0.0	-0.1
8:31 AM	0.1	8:28 AM	0.0	-0.1
8:46 AM	0.2	8:43 AM	0.0	-0.2
9:01 AM	0.2	8:58 AM	0.0	-0.2
9:16 AM	0.2	9:13 AM	0.0	-0.2
9:31 AM	0.2	9:28 AM	0.0	-0.2
9:46 AM	0.2	9:43 AM	0.0	-0.2
10:01 AM	0.2	9:58 AM	0.0	-0.2
10:16 AM	0.3	10:13 AM	0.0	-0.3
10:31 AM	0.3	10:28 AM	0.0	-0.3
10:46 AM	0.3	10:43 AM	0.0	-0.3
11:01 AM	0.3	10:58 AM	0.0	-0.3
11:16 AM	0.3	11:13 AM	0.0	-0.3
11:31 AM	0.3	11:28 AM	0.0	-0.3
11:46 AM	0.4	11:43 AM	0.0	-0.4
12:01 PM	0.3	11:58 AM	0.0	-0.3
12:16 PM	0.3	12:13 PM	0.0	-0.3
12:31 PM	0.3	12:28 PM	0.0	-0.3
12:46 PM	0.3	12:43 PM	0.0	-0.3
1:01 PM	0.3	12:58 PM	0.0	-0.3
1:16 PM	0.3	1:13 PM	0.0	-0.3
1:31 PM	0.3	1:28 PM	0.0	-0.3
1:46 PM	0.3	1:43 PM	0.0	-0.3
2:01 PM	0.3	1:58 PM	0.0	-0.3
2:16 PM	0.3	2:13 PM	0.0	-0.3
2:31 PM	0.3	2:28 PM	0.0	-0.3
2:46 PM	0.3	2:43 PM	0.0	-0.3
3:01 PM	0.3	2:58 PM	0.0	-0.3
3:16 PM	0.3	3:13 PM	0.0	-0.3
3:31 PM	0.3	3:28 PM	0.0	-0.3

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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Wind Direction



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