



INSPECTION/FIELD ACTIVITY REPORT

BCP Site No.:	C224148	AUTHOR:	Wynne Casteel
PROJECT NO.:	3165.0006R000	DATE:	09/08/2022
PROJECT:	Sunset Industrial Park 74 20th St., Brooklyn, NY	WEATHER:	Cloudy, 65-78°F, Wind: NE @ 12 mph Humidity: 74%, Pressure: 29.94" Hg
CLIENT:	SIP Holdings Venture, LLC	TIME:	07:00 AM – 3:30 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> Wynne Casteel, 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 building forms for foundation walls within cells B1, B2, and B3.
- Continued minor excavation in B1 for additional foundation footings.
- Roux collected two documentation soil endpoint samples (EP-17, EP-18, and associated QA/QC samples) for analysis of TAL/TCL/Part 375+30 list and emerging contaminants.

CAMP Performed:

- CAMP was performed from 7:00 am to 3:30 pm. No exceedances of VOCs or particulates were observed.

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.
- Localized backfill of material between concrete pour areas in cells B1, B2, and B3.

Submitted By: Wynne Casteel 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 south: View of excavation progress in grid B1.

**Photo 2 :**

Looking south: View of downwind CAMP station.

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**Photo 3:**

Looking east: View of 18,000 gallon frac tank delivered to the site.

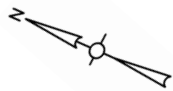
**Photo 4:**

Looking northeast: Foundation construction progress in grids B1 through B3.

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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: 9/8/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (mg/m ³)	Time	15-min Avg. (mg/m ³)	
7:10 AM	0.025	7:17 AM	0.016	-0.009
7:25 AM	0.015	7:32 AM	0.015	0.000
7:40 AM	0.014	7:47 AM	0.017	0.003
7:55 AM	0.015	8:02 AM	0.018	0.003
8:10 AM	0.016	8:17 AM	0.018	0.002
8:25 AM	0.022	8:32 AM	0.019	-0.003
8:40 AM	0.018	8:47 AM	0.017	-0.001
8:55 AM	0.017	9:02 AM	0.015	-0.002
9:10 AM	0.016	9:17 AM	0.012	-0.004
9:25 AM	0.017	9:32 AM	0.013	-0.004
9:40 AM	0.013	9:47 AM	0.012	-0.001
9:55 AM	0.013	10:02 AM	0.016	0.003
10:10 AM	0.014	10:17 AM	0.015	0.001
10:25 AM	0.016	10:32 AM	0.013	-0.003
10:40 AM	0.013	10:47 AM	0.018	0.005
10:55 AM	0.015	11:02 AM	0.015	0.000
11:10 AM	0.017	11:17 AM	0.020	0.003
11:25 AM	0.015	11:32 AM	0.018	0.003
11:40 AM	0.017	11:47 AM	0.019	0.002
11:55 AM	0.022	12:02 PM	0.018	-0.004
12:10 PM	0.018	12:17 PM	0.019	0.001
12:25 PM	0.017	12:32 PM	0.018	0.001
12:40 PM	0.019	12:47 PM	0.022	0.003
12:55 PM	0.027	1:02 PM	0.018	-0.009
1:10 PM	0.022	1:17 PM	0.014	-0.008
1:25 PM	0.015	1:32 PM	0.013	-0.002
1:40 PM	0.015	1:47 PM	0.013	-0.002
1:55 PM	0.018	2:02 PM	0.018	0.000
2:10 PM	0.021	2:17 PM	0.018	-0.003
2:25 PM	0.02	2:32 PM	0.018	-0.002
2:40 PM	0.028	2:47 PM	0.022	-0.006
2:55 PM	0.022	3:02 PM	0.018	-0.004
3:10 PM	0.02	3:17 PM	0.020	0.000
3:25 PM	0.023	-	NM	0.023

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: 9/8/2022

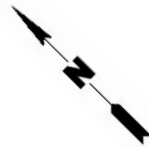
Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (PPM)	Time	15-min Avg. (PPM)	
7:18 AM	0.0	7:25 AM	0.0	0.0
7:33 AM	0.0	7:40 AM	0.0	0.0
7:48 AM	0.0	7:55 AM	0.0	0.0
8:03 AM	0.0	8:10 AM	0.0	0.0
8:18 AM	0.0	8:25 AM	0.0	0.0
8:33 AM	0.0	8:40 AM	0.0	0.0
8:48 AM	0.0	8:55 AM	0.0	0.0
9:03 AM	0.0	9:10 AM	0.0	0.0
9:18 AM	0.0	9:25 AM	0.0	0.0
9:33 AM	0.0	9:40 AM	0.0	0.0
9:48 AM	0.0	9:55 AM	0.0	0.0
10:03 AM	0.0	10:10 AM	0.0	0.0
10:18 AM	0.0	10:25 AM	0.0	0.0
10:33 AM	0.0	10:40 AM	0.0	0.0
10:48 AM	0.0	10:55 AM	0.0	0.0
11:03 AM	0.0	11:10 AM	0.0	0.0
11:18 AM	0.0	11:25 AM	0.0	0.0
11:33 AM	0.1	11:40 AM	0.0	-0.1
11:48 AM	0.1	11:55 AM	0.0	-0.1
12:03 PM	0.1	12:10 PM	0.0	-0.1
12:18 PM	0.1	12:25 PM	0.0	-0.1
12:33 PM	0.1	12:40 PM	0.0	-0.1
12:48 PM	0.1	12:55 PM	0.0	-0.1
1:03 PM	0.1	1:10 PM	0.0	-0.1
1:18 PM	0.1	1:25 PM	0.0	-0.1
1:33 PM	0.1	1:40 PM	0.0	-0.1
1:48 PM	0.1	1:55 PM	0.0	-0.1
2:03 PM	0.1	2:10 PM	0.0	-0.1
2:18 PM	0.1	2:25 PM	0.0	-0.1
2:33 PM	0.1	2:40 PM	0.0	-0.1
2:48 PM	0.1	2:55 PM	0.0	-0.1
3:03 PM	0.1	3:10 PM	0.0	-0.1
3:18 PM	0.1	3:25 PM	0.0	-0.1
3:33 PM	0.1	-	NM	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

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Wind Direction



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