



INSPECTION/FIELD ACTIVITY REPORT

BCP Site No.:	C224148	AUTHOR:	Wynne Casteel
PROJECT NO.:	3165.0006R000	DATE:	09/09/2022
PROJECT:	Sunset Industrial Park 74 20 th St., Brooklyn, NY	WEATHER:	Sunny, 67-78°F, Wind: E @ 8 mph Humidity: 72%, Pressure: 30.07" 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 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> Wynne Casteel, Staff Geologist <u>Kingdom</u> David Szmuc, Assistant Project Manager <u>Suffolk</u> John McCarthy, Superintendent

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 and installing rebar for foundation walls within cells B1, B2, and B3.
- Continued excavation in cells B1 and began excavation in cell A1, moving east to west, for additional foundation footings.

CAMP Performed:

- CAMP was performed from 7:15 am to 3:30 pm. No exceedances of VOCs or particulates were observed.

Other Relevant Comments or Issues:

- Three loads of concrete were removed from the site and taken to Faztec Industries (Staten Island, NY).

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: 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 northeast: View of excavation progress in cell A1.



Photo 2:

Looking southeast: View of downwind CAMP station.

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**Photo 3:**

Looking southwest: View of excavator loading dump truck with broken concrete debris for offsite disposal.

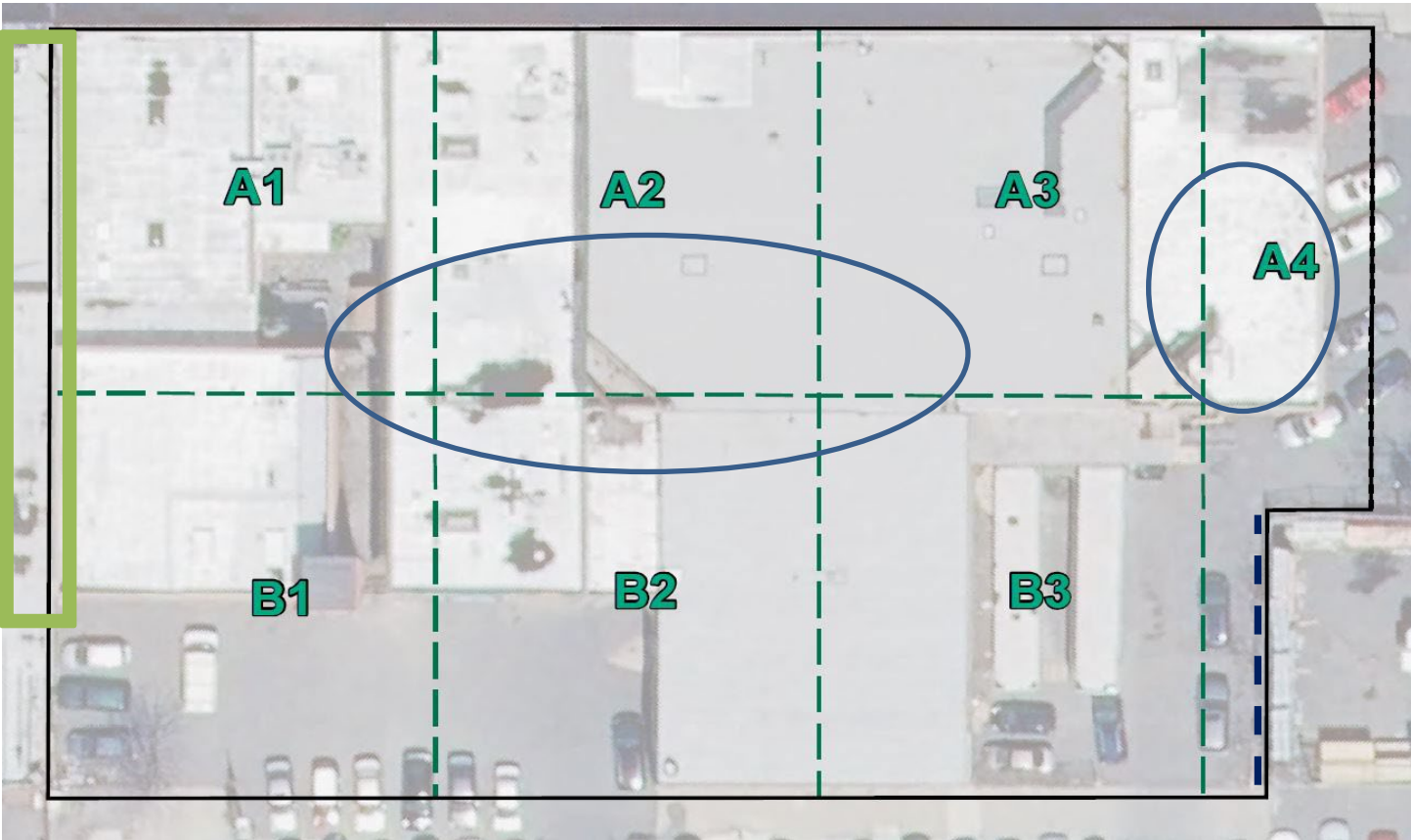
**Photo 4:**

Looking southeast: View of form construction progress in cells B1, B2, and 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: 9/9/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (mg/m ³)	Time	15-min Avg. (mg/m ³)	
7:29 AM	0.027	7:35 AM	0.041	0.014
7:44 AM	0.02	7:50 AM	0.016	-0.004
7:59 AM	0.02	8:05 AM	0.016	-0.004
8:14 AM	0.015	8:20 AM	0.017	0.002
8:29 AM	0.019	8:35 AM	0.019	0.000
8:44 AM	0.014	8:50 AM	0.014	0.000
8:59 AM	0.012	9:05 AM	0.016	0.004
9:14 AM	0.014	9:20 AM	0.019	0.005
9:29 AM	0.02	9:35 AM	0.014	-0.006
9:44 AM	0.029	9:50 AM	0.014	-0.015
9:59 AM	0.02	10:05 AM	0.016	-0.004
10:14 AM	0.017	10:20 AM	0.011	-0.006
10:29 AM	0.013	10:35 AM	0.012	-0.001
10:44 AM	0.012	10:50 AM	0.012	0.000
10:59 AM	0.011	11:05 AM	0.017	0.006
11:14 AM	0.012	11:20 AM	0.011	-0.001
11:29 AM	0.01	11:35 AM	0.011	0.001
11:44 AM	0.013	11:50 AM	0.011	-0.002
11:59 AM	0.015	12:05 PM	0.011	-0.004
12:14 PM	0.018	12:20 PM	0.014	-0.004
12:29 PM	0.013	12:35 PM	0.011	-0.002
12:44 PM	0.012	12:50 PM	0.010	-0.002
12:59 PM	0.014	1:05 PM	0.012	-0.002
1:14 PM	0.014	1:20 PM	0.013	-0.001
1:29 PM	0.014	1:35 PM	0.012	-0.002
1:44 PM	0.023	1:50 PM	0.015	-0.008
1:59 PM	0.025	2:05 PM	0.014	-0.011
2:14 PM	0.022	2:20 PM	0.020	-0.002
2:29 PM	0.023	2:35 PM	0.022	-0.001
2:44 PM	0.019	2:50 PM	0.019	0.000
2:59 PM	0.019	3:05 PM	0.025	0.006
3:14 PM	0.016	3:20 PM	0.017	0.001
3:29 PM	0.019	-	NM	0.019

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: 9/9/2022

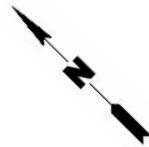
Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (PPM)	Time	15-min Avg. (PPM)	
7:36 AM	0.0	7:42 AM	0.0	0.0
7:51 AM	0.0	7:57 AM	0.0	0.0
8:06 AM	0.0	8:12 AM	0.0	0.0
8:21 AM	0.0	8:27 AM	0.0	0.0
8:36 AM	0.0	8:42 AM	0.0	0.0
8:51 AM	0.0	8:57 AM	0.0	0.0
9:06 AM	0.0	9:12 AM	0.0	0.0
9:21 AM	0.0	9:27 AM	0.0	0.0
9:36 AM	0.0	9:42 AM	0.0	0.0
9:51 AM	0.0	9:57 AM	0.0	0.0
10:06 AM	0.0	10:12 AM	0.0	0.0
10:21 AM	0.0	10:27 AM	0.0	0.0
10:36 AM	0.0	10:42 AM	0.0	0.0
10:51 AM	0.0	10:57 AM	0.0	0.0
11:06 AM	0.1	11:12 AM	0.0	-0.1
11:21 AM	0.1	11:27 AM	0.0	-0.1
11:36 AM	0.1	11:42 AM	0.0	-0.1
11:51 AM	0.1	11:57 AM	0.0	-0.1
12:06 PM	0.1	12:12 PM	0.0	-0.1
12:21 PM	0.1	12:27 PM	0.0	-0.1
12:36 PM	0.1	12:42 PM	0.0	-0.1
12:51 PM	0.1	12:57 PM	0.0	-0.1
1:06 PM	0.1	1:12 PM	0.0	-0.1
1:21 PM	0.1	1:27 PM	0.0	-0.1
1:36 PM	0.1	1:42 PM	0.0	-0.1
1:51 PM	0.1	1:57 PM	0.0	-0.1
2:06 PM	0.1	2:12 PM	0.0	-0.1
2:21 PM	0.1	2:27 PM	0.0	-0.1
2:36 PM	0.1	2:42 PM	0.0	-0.1
2:51 PM	0.1	2:57 PM	0.0	-0.1
3:06 PM	0.1	3:12 PM	0.0	-0.1
3:21 PM	0.1	3:27 PM	0.0	-0.1
3:36 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