



SECTION/FIELD ACTIVITY REPORT

BCP Site No.:	C224148	AUTHOR:	Robert Martin
PROJECT NO.:	3165.0006R000	DATE:	08/30/2022
PROJECT:	Sunset Industrial Park 74 20 th St., Brooklyn, NY	WEATHER:	Cloud, 75-85°F, Wind: SSW @ 7 mph Humidity: 90%, Pressure: 29.17" 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 with excavation for foundation installation across grids B1 through B3.
- Brookside arranged for the remaining UST to be hauled off-site as scrap metal to T&T Scrap LLC in Brooklyn, NY.
- Documentation soil endpoint samples EP-29, 30, 31, and 23 (and associated QA/QC) were collected for analysis of TAL/TCL/Part 375+30 list and emerging contaminants.
- In accordance with the NYSDEC directive given on 8/29/22, Kingdom over-excavated around the area from which the tanks were removed for source excavation and additional endpoint soil sampling. Two additional endpoint samples were collected from the bottom of the excavation and the south sidewall and analyzed for CP-51 list SVOCs.

CAMP Performed:

- CAMP was performed from 7:30 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.

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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: Tank scrapping being completed.

**Photo 2 :**

Looking south: Kingdom making progress on foundation installation along the second row of piles parallel with 21st Street., moving south to north. UST area being avoided pending endpoint sample data.

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Photo 3:

Looking east: Kingdom over-excavated soil from the area USTs were removed for additional source removal.



Photo 4:


Looking east: Foundation installation progress in grids B1 and B2.


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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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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: 8/30/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (mg/m ³)	Time	15-min Avg. (mg/m ³)	
7:30 AM	0.022	7:28 AM	0.032	0.010
7:45 AM	0.023	7:43 AM	0.016	-0.007
8:00 AM	0.032	7:58 AM	0.019	-0.013
8:15 AM	0.043	8:13 AM	0.022	-0.021
8:30 AM	0.026	8:28 AM	0.018	-0.008
8:45 AM	0.013	8:43 AM	0.014	0.001
9:00 AM	0.014	8:58 AM	0.016	0.002
9:15 AM	0.015	9:13 AM	0.019	0.004
9:30 AM	0.016	9:28 AM	0.020	0.004
9:45 AM	0.034	9:43 AM	0.022	-0.012
10:00 AM	0.019	9:58 AM	0.018	-0.001
10:15 AM	0.018	10:13 AM	0.033	0.015
10:30 AM	0.023	10:28 AM	0.014	-0.009
10:45 AM	0.020	10:43 AM	0.029	0.009
11:00 AM	0.019	10:58 AM	0.045	0.026
11:15 AM	0.024	11:13 AM	0.021	-0.003
11:30 AM	0.020	11:28 AM	0.022	0.002
11:45 AM	0.023	11:43 AM	0.017	-0.006
12:00 PM	0.023	11:58 AM	0.035	0.012
12:15 PM	0.024	12:13 PM	0.024	0.000
12:30 PM	0.024	12:28 PM	0.044	0.020
12:45 PM	0.023	12:43 PM	0.059	0.036
1:00 PM	0.020	12:58 PM	0.039	0.019
1:15 PM	0.016	1:13 PM	0.028	0.012
1:30 PM	0.016	1:28 PM	0.015	-0.001
1:45 PM	0.019	1:43 PM	0.044	0.025
2:00 PM	0.019	1:58 PM	0.085	0.066
2:15 PM	0.021	2:13 PM	0.051	0.030
2:30 PM	0.021	2:28 PM	0.052	0.031
2:45 PM	0.023	2:43 PM	0.057	0.034
3:00 PM	0.030	2:58 PM	0.039	0.009
3:15 PM	0.033	3:13 PM	0.066	0.033
3:30 PM	0.026	3:28 PM	0.080	0.054

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: 8/30/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (PPM)	Time	15-min Avg. (PPM)	
7:37 AM	0.1	7:34 AM	0.0	-0.1
7:52 AM	0.1	7:49 AM	0.0	-0.1
8:07 AM	0.1	8:04 AM	0.0	-0.1
8:22 AM	0.1	8:19 AM	0.0	-0.1
8:37 AM	0.2	8:34 AM	0.0	-0.2
8:52 AM	0.2	8:49 AM	0.0	-0.2
9:07 AM	0.2	9:04 AM	0.0	-0.2
9:22 AM	0.2	9:19 AM	0.0	-0.2
9:37 AM	0.3	9:34 AM	0.0	-0.3
9:52 AM	0.3	9:49 AM	0.0	-0.3
10:07 AM	0.3	10:04 AM	0.0	-0.3
10:22 AM	0.3	10:19 AM	0.0	-0.3
10:37 AM	0.3	10:34 AM	0.0	-0.3
10:52 AM	0.3	10:49 AM	0.0	-0.3
11:07 AM	0.3	11:04 AM	0.0	-0.3
11:22 AM	0.3	11:19 AM	0.0	-0.3
11:37 AM	0.3	11:34 AM	0.0	-0.3
11:52 AM	0.4	11:49 AM	0.0	-0.4
12:07 PM	0.8	12:04 PM	0.0	-0.8
12:22 PM	0.4	12:19 PM	0.0	-0.4
12:37 PM	0.4	12:34 PM	0.0	-0.4
12:52 PM	0.4	12:49 PM	0.0	-0.4
1:07 PM	0.4	1:04 PM	0.0	-0.4
1:22 PM	0.4	1:19 PM	0.0	-0.4
1:37 PM	0.3	1:34 PM	0.0	-0.3
1:52 PM	0.3	1:49 PM	0.0	-0.3
2:07 PM	0.3	2:04 PM	0.0	-0.3
2:22 PM	0.3	2:19 PM	0.0	-0.3
2:37 PM	0.2	2:34 PM	0.0	-0.2
2:52 PM	0.2	2:49 PM	0.0	-0.2
3:07 PM	0.2	3:04 PM	0.0	-0.2
3:22 PM	0.2	3:19 PM	0.0	-0.2
3:37 PM	0.2	3:34 PM	0.0	-0.2

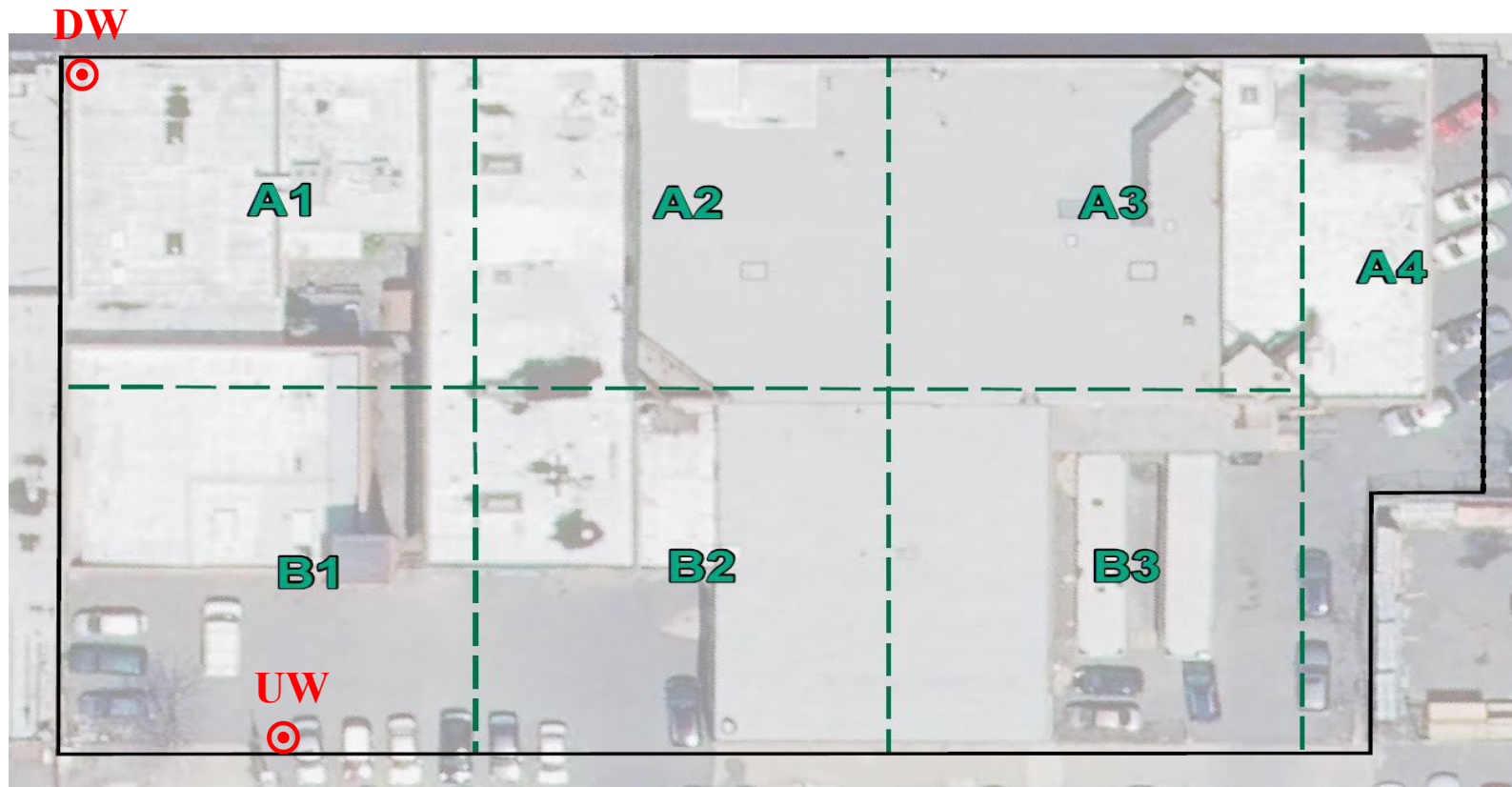
VOC - Volatile Organic Compound

PPM - parts per million

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

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Wind Direction



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