



SECTION/FIELD ACTIVITY REPORT

BCP Site No.:	C224148	AUTHOR:	Robert Martin
PROJECT NO.:	3165.0006R000	DATE:	08/25/2022
PROJECT:	Sunset Industrial Park 74 20 th St., Brooklyn, NY	WEATHER:	Sunny, 73-86°F, Wind: WSW @ 1 mph Humidity: 66%, Pressure: 30.02" Hg
CLIENT:	SIP Holdings Venture, LLC	TIME:	06:30 AM – 5:45 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:

- Roux collected four documentation soil endpoint samples (EP-27 and EP-28, and associated QA/QC samples) for analysis of TAL/TCL/Part 375+30 list and emerging contaminants.
- Five soil confirmation endpoint samples (4 sidewalls and 1 bottom) were collected from within and around the tank area after removal. Samples were analyzed for CP-51 list of VOCs and SVOCs.
- Tank removal activities commenced, and soil was thoroughly screened with visual, olfactory, and PID techniques during removal. The 5,000-gallon tank was cut open and confirmed to be filled with grout. Grout contained no staining or petroleum impacts. No indications of soil contamination were observed during removal. USTs were staged on top of poly sheeting and wrapped in poly at the end of the day.

CAMP Performed:

- CAMP was performed from 7:00 am to 5:15 pm.

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.
- Cleaning of the tanks by Brookside is scheduled for Friday 8/26/22.

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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 east: Kingdom lays poly sheeting down to stage the removal of the first of three USTs.

**Photo 2 :**

Looking southwest: Photo showing mat footing installation along the east perimeter.

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**Photo 3:**

Looking east: Photo showing 5,000 gallon UST during removal activities.

**Photo 4:**

Looking northeast: Kingdom personnel cutting open the third tank in order to gain access to break up grout within.

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Site Map



UST 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: 8/25/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (mg/m ³)	Time	15-min Avg. (mg/m ³)	
7:04 AM	NM	7:01 AM	0.043	0.043
7:19 AM	NM	7:16 AM	0.069	0.069
7:34 AM	NM	7:31 AM	0.081	0.081
7:49 AM	NM	7:46 AM	0.036	0.036
8:04 AM	NM	8:01 AM	0.049	0.049
8:19 AM	0.051	8:16 AM	0.073	0.022
8:34 AM	0.04	8:31 AM	0.032	-0.008
8:49 AM	0.034	8:46 AM	0.035	0.001
9:04 AM	0.044	9:01 AM	0.036	-0.008
9:19 AM	0.04	9:16 AM	0.043	0.003
9:34 AM	0.047	9:31 AM	0.033	-0.014
9:49 AM	0.048	9:46 AM	0.038	-0.010
10:04 AM	0.041	10:01 AM	0.034	-0.007
10:19 AM	0.036	10:16 AM	0.041	0.005
10:34 AM	0.061	10:31 AM	0.037	-0.024
10:49 AM	0.032	10:46 AM	0.052	0.020
11:04 AM	0.029	11:01 AM	0.055	0.026
11:19 AM	0.026	11:16 AM	0.028	0.002
11:34 AM	0.026	11:31 AM	0.034	0.008
11:49 AM	0.028	11:46 AM	0.039	0.011
12:04 PM	0.027	12:01 PM	0.030	0.003
12:19 PM	0.031	12:16 PM	0.050	0.019
12:34 PM	0.029	12:31 PM	0.047	0.018
12:49 PM	0.029	12:46 PM	0.037	0.008
1:04 PM	0.051	1:01 PM	0.036	-0.015
1:19 PM	0.036	1:16 PM	0.027	-0.009
1:34 PM	0.065	1:31 PM	0.027	-0.038
1:49 PM	0.066	1:46 PM	0.053	-0.013
2:04 PM	0.038	2:01 PM	0.030	-0.008
2:19 PM	0.047	2:16 PM	0.068	0.021
2:34 PM	0.037	2:31 PM	0.038	0.001
2:49 PM	0.058	2:46 PM	0.046	-0.012
3:04 PM	0.121	3:01 PM	0.052	-0.069
3:19 PM	0.075	3:16 PM	0.044	-0.031
3:34 PM	0.057	3:31 PM	0.058	0.001
3:49 PM	0.056	3:46 PM	0.033	-0.023
4:04 PM	0.599	4:01 PM	0.054	-0.545
4:19 PM	0.122	4:16 PM	0.039	-0.083
4:34 PM	0.262	4:31 PM	0.052	-0.210
4:49 PM	0.080	4:46 PM	0.068	-0.012

mg/m³ - milligrams per meters cubed

NM - Not Measured (battery failure)

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: 8/25/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (PPM)	Time	15-min Avg. (PPM)	
7:09 AM	0.0	7:06 AM	0.0	0.0
7:24 AM	0.0	7:21 AM	0.0	0.0
7:39 AM	0.0	7:36 AM	0.0	0.0
7:54 AM	0.0	7:51 AM	0.0	0.0
8:09 AM	0.0	8:06 AM	0.0	0.0
8:24 AM	4.9	8:21 AM	0.0	-4.9
8:39 AM	1.5	8:36 AM	0.0	-1.5
8:54 AM	0.3	8:51 AM	0.0	-0.3
9:09 AM	0.3	9:06 AM	0.0	-0.3
9:24 AM	3.3	9:21 AM	0.0	-3.3
9:39 AM	0.0	9:36 AM	0.0	0.0
9:54 AM	0.0	9:51 AM	0.0	0.0
10:09 AM	0.0	10:06 AM	0.0	0.0
10:24 AM	0.0	10:21 AM	0.0	0.0
10:39 AM	0.0	10:36 AM	0.0	0.0
10:54 AM	0.0	10:51 AM	0.0	0.0
11:09 AM	0.0	11:06 AM	0.0	0.0
11:24 AM	0.0	11:21 AM	0.0	0.0
11:39 AM	0.0	11:36 AM	0.0	0.0
11:54 AM	0.0	11:51 AM	0.0	0.0
12:09 PM	0.0	12:06 PM	0.0	0.0
12:24 PM	0.0	12:21 PM	0.0	0.0
12:39 PM	0.0	12:36 PM	0.0	0.0
12:54 PM	0.0	12:51 PM	0.0	0.0
1:09 PM	0.0	1:06 PM	0.0	0.0
1:24 PM	0.0	1:21 PM	0.0	0.0
1:39 PM	0.0	1:36 PM	0.0	0.0
2:02 PM	0.0	1:51 PM	0.0	0.0
2:17 PM	0.0	2:06 PM	0.0	0.0
2:32 PM	0.1	2:21 PM	0.0	-0.1
2:47 PM	0.1	2:36 PM	0.0	-0.1
3:02 PM	0.2	2:51 PM	0.0	-0.2
3:17 PM	0.2	3:06 PM	0.0	-0.2
3:32 PM	0.2	3:21 PM	0.0	-0.2
3:47 PM	0.2	3:36 PM	0.0	-0.2
4:02 PM	0.3	3:51 PM	0.0	-0.3
4:17 PM	0.2	4:06 PM	0.0	-0.2
4:32 PM	0.3	4:21 PM	0.0	-0.3
4:47 PM	0.2	4:36 PM	0.0	-0.2
5:02 PM	0.5	4:51 PM	0.0	-0.5

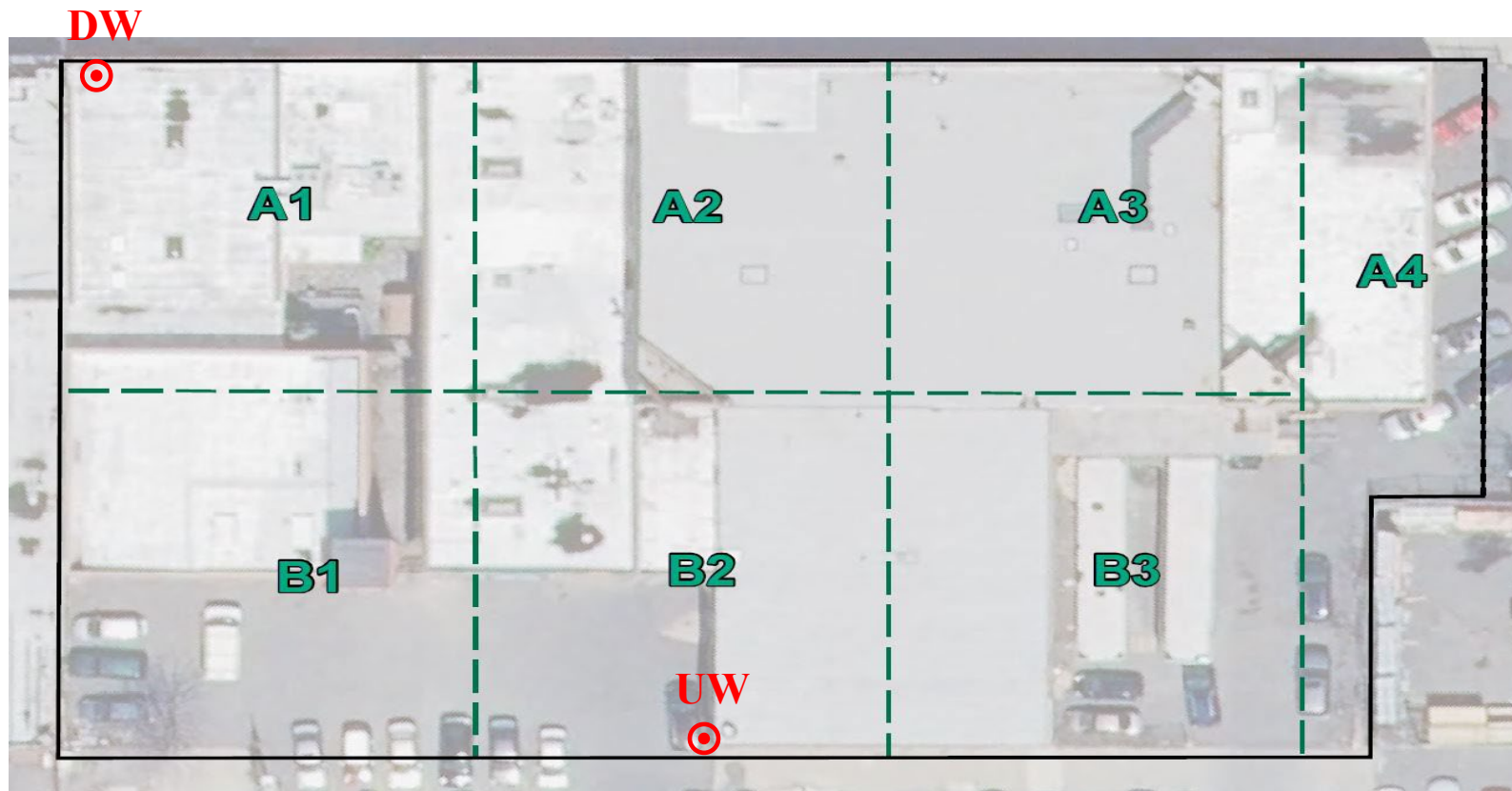
VOC - Volatile Organic Compound

PPM - parts per million

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: 8/25/2022
Times: 7:00 AM to 5:15 PM


Wind Direction



Notes: CAMP - Community Air Monitoring Program
UW - Upwind CAMP Station
DW - Downwind CAMP Station
UW CAMP station not started for an hour after no initial start wa