



INSPECTION/FIELD ACTIVITY REPORT

BCP Site No.:	C224148	AUTHOR:	Robert Martin
PROJECT NO.:	3165.0006R000	DATE:	08/23/2022
PROJECT:	Sunset Industrial Park 74 20 th St., Brooklyn, NY	WEATHER:	Cloudy, 73-83°F, Wind: W @ 4 mph Humidity: 93%, Pressure: 29.82" Hg
CLIENT:	SIP Holdings Venture, LLC	TIME:	07:00 AM – 5:15 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 installing forms for foundation wall in grid cell A4 and excavation for additional foundation installation in grids B2 and B3.

CAMP Performed:

- CAMP was performed from 10:30 am to 5:00 pm due to low battery upon startup. No exceedances of dust or VOCs were recorded while CAMP was running.

Other Relevant Comments or Issues:

- During excavation for foundation, a cluster of three unknown steel USTs were uncovered in grid B2. NYSDEC was notified on 8/24/2022. Details for each tank are provided:
 - One (1) suspected 5,000-gallon UST: Found to be grouted in place. No residual fluids observed inside
 - Two (2) suspected 2,000-gallon USTs: Each tank was approx. 12' long with 5.5' diameter. Dip sticks were inserted into fill ports to confirm that each UST was completely filled with what appears to be mostly clear liquid with a residual petroleum-related odor (suspected to be rainwater/surface water infiltrating from above the tanks after they were emptied).

Roux screened soil in the area surrounding the tanks and no staining or impacts were observed visually or with a PID (all readings <2 PPM). USTs will be emptied of fluids and removal activities will commence.

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.
- Installation rebar and continued SOE work along 21st Street slowed but expected to continue during the week.
- 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:

Kingdom slowly excavating to uncover unknown USTs.



Photo 2 :

Photo during confirmation of presence of USTs and soil screening.

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**Photo 3:**

Photo of USTs covered in poly sheeting at end of the day.

**Photo 4:**

Looking south: Kingdom preparing forms for foundation wall pour.

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Site Map



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: 8/23/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (mg/m ³)	Time	15-min Avg. (mg/m ³)	
10:26 AM	0.075	10:23 AM	0.075	0.000
10:41 AM	0.064	10:38 AM	0.071	0.007
10:56 AM	0.059	10:53 AM	0.057	-0.002
11:11 AM	0.042	11:08 AM	0.049	0.007
11:26 AM	0.043	11:23 AM	0.043	0.000
11:41 AM	0.046	11:38 AM	0.052	0.006
11:56 AM	0.035	11:53 AM	0.042	0.007
12:11 PM	0.029	12:08 PM	0.029	0.000
12:26 PM	0.031	12:23 PM	0.035	0.004
12:41 PM	0.022	12:38 PM	0.028	0.006
12:56 PM	0.027	12:53 PM	0.024	-0.003
1:11 PM	0.019	1:08 PM	0.022	0.003
1:26 PM	0.017	1:23 PM	0.022	0.005
1:41 PM	0.018	1:38 PM	0.018	0.000
1:56 PM	0.032	1:53 PM	0.025	-0.007
2:11 PM	0.037	2:08 PM	0.032	-0.005
2:26 PM	0.063	2:23 PM	0.027	-0.036
2:41 PM	0.026	2:38 PM	0.024	-0.002
2:56 PM	0.043	2:53 PM	0.028	-0.015
3:11 PM	0.030	3:08 PM	0.029	-0.001
3:26 PM	0.027	3:23 PM	0.026	-0.001
3:41 PM	0.031	3:38 PM	0.026	-0.005
3:56 PM	0.054	3:53 PM	0.023	-0.031
4:11 PM	0.024	4:08 PM	0.022	-0.002
4:26 PM	0.029	4:23 PM	0.024	-0.005
4:41 PM	0.046	4:38 PM	0.022	-0.024
4:56 PM	0.019	4:53 PM	0.018	-0.001

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: 8/23/2022

Upwind Station		Downwind Station		15-min Average (Corrected for Background)
Time	15-min Avg. (PPM)	Time	15-min Avg. (PPM)	
10:31 AM	0.1	10:28 AM	0.1	0.0
10:46 AM	0.1	10:43 AM	0.1	0.0
11:01 AM	0.1	10:58 AM	0.1	0.0
11:16 AM	0.1	11:13 AM	0.1	0.0
11:31 AM	0.2	11:28 AM	0.1	-0.1
11:46 AM	0.2	11:43 AM	0.2	0.0
12:01 PM	0.2	11:58 AM	0.2	0.0
12:16 PM	0.2	12:13 PM	0.2	0.0
12:31 PM	0.3	12:28 PM	0.2	-0.1
12:46 PM	0.3	12:43 PM	0.2	-0.1
1:01 PM	0.3	12:58 PM	0.2	-0.1
1:16 PM	0.3	1:13 PM	0.2	-0.1
1:31 PM	NM	1:28 PM	0.2	0.2
1:46 PM	NM	1:43 PM	0.2	0.2
2:01 PM	NM	1:58 PM	0.2	0.2
2:16 PM	NM	2:13 PM	0.2	0.2
2:31 PM	NM	2:28 PM	0.2	0.2
2:46 PM	NM	2:43 PM	0.2	0.2
3:01 PM	NM	2:58 PM	0.2	0.2
3:16 PM	NM	3:13 PM	0.2	0.2
3:31 PM	NM	3:28 PM	0.2	0.2
3:46 PM	NM	3:43 PM	0.2	0.2
4:01 PM	NM	3:58 PM	0.2	0.2
4:16 PM	0.5	4:13 PM	0.2	-0.3
4:31 PM	0.4	4:28 PM	0.2	-0.2
4:46 PM	0.4	4:43 PM	0.2	-0.2
5:01 PM	0.4	4:58 PM	0.2	-0.2

VOC - Volatile Organic Compound

PPM - parts per million

NM - Not Measured (due to PID being used for soil screening)

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
CAMP Dust stations' batteries were low and began tracking at 10