



## SECTION/FIELD ACTIVITY REPORT

|               |   |          |   |
|---------------|---|----------|---|
| BCP Site No.: | C224148   | AUTHOR:  | Robert Martin   |
| PROJECT NO.:  | 3165.0006R000   | DATE:    | 09/02/2022  |
| PROJECT:      | Sunset Industrial Park<br>74 20 <sup>th</sup> St., Brooklyn, NY | WEATHER: | Sunny, 67-79°F, Wind: ENE @ 9 mph<br>Humidity: 57%, Pressure: 30.20" 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"><li>Komatsu PC 350 LC Hydraulic Excavator</li><li>Komatsu PC 228US LC Hydraulic Excavator</li><li>Komatsu PC 50 MR Hydraulic Mini Excavator</li><li>Benford PT9100 Site Dumper</li><li>Komatsu WA380-5 Wheel Loader</li></ul> | <u>Roux Environmental Engineering &amp; Geology, D.P.C</u><br>Robert Martin, Staff Geologist<br><br><u>Kingdom</u><br>David Szmuc, Assistant Project Manager<br><br><u>Suffolk</u><br>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 resumed foundation installation activities along cells B1 and B2 with localized excavation and the addition of forms/rebar.
- Four loads of clean ¾" bluestone from IRRC was imported for use of backfilling the first 3 feet of backfill (within 3 feet of water table) in the UST area.
- Stockpile management occurred, as necessary, to create space for additional foundation installation.

**CAMP Performed:**

- CAMP was performed from 7:45 am to 3:45 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.
- Concrete pour in cells B1, B2, and B3 expected to occur on Wednesday 09/07/2022. Roughly 500 yds expected.
- Roux will continue oversight, performance of CAMP during intrusive construction activities and collecting soil documentation end point samples as required by the RAWP.

**PHOTOS:**

|  |   |
|--|---|
| Submitted By: Robert Martin of<br>Roux Environmental Engineering and Geology, D.P.C. | Approved By: Levi Curnutte of<br>Roux Environmental Engineering and Geology, D.P.C. |
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**Photo 1:**

Looking south: View of former UST area prior to backfill with clean stone.

**Photo 2 :**

Looking southeast: View showing the extent of SOE work in grid cells B2 and B1.

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Approved By: Levi Curnutte of  
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## **Photo 3:**

Looking north: Excavator backfills former UST area with clean stone.



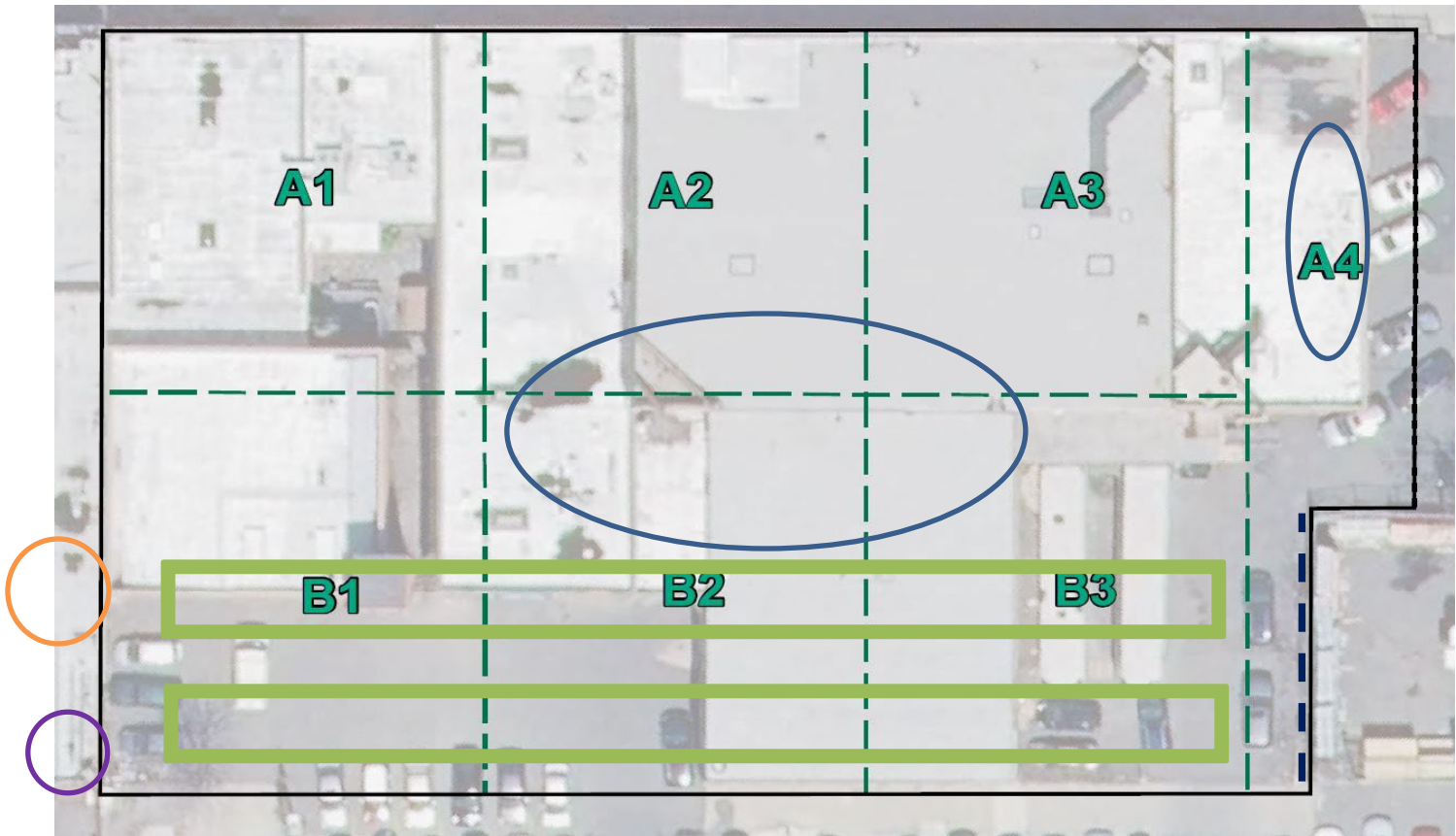
## **Photo 4:**

Looking southeast: Measurement showing that backfilled clean stone thickness is at approximately 3.5 feet.

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Approved By: Levi Curnutte of  
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# Site Map



Petroleum-impacted Soil Staging Area



Current area of localized excavation for foundation installation



Soil Stockpile



Concrete Stockpile

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Approved By: Levi Curnutte of  
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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: 9/2/2022

| Upwind Station |                                     | Downwind Station |                                     | 15-min Average<br>(Corrected for<br>Background) |
|----------------|-------------------------------------|------------------|-------------------------------------|---|
| Time           | 15-min Avg.<br>(mg/m <sup>3</sup> ) | Time             | 15-min Avg.<br>(mg/m <sup>3</sup> ) |   |
| 7:47 AM        | 0.022                               | 7:50 AM          | 0.014                               | -0.008  |
| 8:02 AM        | 0.02                                | 8:05 AM          | 0.013                               | -0.007  |
| 8:17 AM        | 0.012                               | 8:20 AM          | 0.016                               | 0.004   |
| 8:32 AM        | 0.012                               | 8:35 AM          | 0.012                               | 0.000   |
| 8:47 AM        | 0.012                               | 8:50 AM          | 0.013                               | 0.001   |
| 9:02 AM        | 0.011                               | 9:05 AM          | 0.010                               | -0.001  |
| 9:17 AM        | 0.01                                | 9:20 AM          | 0.007                               | -0.003  |
| 9:32 AM        | 0.018                               | 9:35 AM          | 0.019                               | 0.001   |
| 9:47 AM        | 0.011                               | 9:50 AM          | 0.010                               | -0.001  |
| 10:02 AM       | 0.018                               | 10:05 AM         | 0.010                               | -0.008  |
| 10:17 AM       | 0.015                               | 10:20 AM         | 0.008                               | -0.007  |
| 10:32 AM       | 0.023                               | 10:35 AM         | 0.009                               | -0.014  |
| 10:47 AM       | 0.009                               | 10:50 AM         | 0.011                               | 0.002   |
| 11:02 AM       | 0.014                               | 11:05 AM         | 0.011                               | -0.003  |
| 11:17 AM       | 0.013                               | 11:20 AM         | 0.012                               | -0.001  |
| 11:32 AM       | 0.011                               | 11:35 AM         | 0.010                               | -0.001  |
| 11:47 AM       | 0.013                               | 11:50 AM         | 0.010                               | -0.003  |
| 12:02 PM       | 0.012                               | 12:05 PM         | 0.014                               | 0.002   |
| 12:17 PM       | 0.012                               | 12:20 PM         | 0.009                               | -0.003  |
| 12:32 PM       | 0.011                               | 12:35 PM         | 0.008                               | -0.003  |
| 12:47 PM       | 0.011                               | 12:50 PM         | 0.008                               | -0.003  |
| 1:02 PM        | 0.009                               | 1:05 PM          | 0.008                               | -0.001  |
| 1:17 PM        | 0.010                               | 1:20 PM          | 0.010                               | 0.000   |
| 1:32 PM        | 0.008                               | 1:35 PM          | 0.007                               | -0.001  |
| 1:47 PM        | 0.008                               | 1:50 PM          | 0.008                               | 0.000   |
| 2:02 PM        | 0.008                               | 2:05 PM          | 0.007                               | -0.001  |
| 2:17 PM        | 0.010                               | 2:20 PM          | 0.008                               | -0.002  |
| 2:32 PM        | 0.018                               | 2:35 PM          | 0.013                               | -0.005  |
| 2:47 PM        | 0.017                               | 2:50 PM          | 0.011                               | -0.006  |
| 3:02 PM        | 0.014                               | 3:05 PM          | 0.013                               | -0.001  |
| 3:17 PM        | 0.012                               | 3:20 PM          | 0.020                               | 0.008   |
| 3:32 PM        | 0.011                               | 3:35 PM          | 0.012                               | 0.001   |

mg/m<sup>3</sup> - 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: 9/2/2022

| Upwind Station |                      | Downwind Station |                      | 15-min Average<br>(Corrected for<br>Background) |
|----------------|----------------------|------------------|----------------------|---|
| Time           | 15-min Avg.<br>(PPM) | Time             | 15-min Avg.<br>(PPM) |   |
| 7:54 AM        | 0.0                  | 7:57 AM          | 0.0                  | 0.0   |
| 8:09 AM        | 0.0                  | 8:12 AM          | 0.0                  | 0.0   |
| 8:24 AM        | 0.0                  | 8:27 AM          | 0.0                  | 0.0   |
| 8:39 AM        | 0.0                  | 8:42 AM          | 0.0                  | 0.0   |
| 8:54 AM        | 0.0                  | 8:57 AM          | 0.0                  | 0.0   |
| 9:09 AM        | 0.0                  | 9:12 AM          | 0.0                  | 0.0   |
| 9:24 AM        | 0.0                  | 9:27 AM          | 0.0                  | 0.0   |
| 9:39 AM        | 0.0                  | 9:42 AM          | 0.0                  | 0.0   |
| 9:54 AM        | 0.0                  | 9:57 AM          | 0.0                  | 0.0   |
| 10:09 AM       | 0.0                  | 10:12 AM         | 0.0                  | 0.0   |
| 10:24 AM       | 0.0                  | 10:27 AM         | 0.0                  | 0.0   |
| 10:39 AM       | 0.0                  | 10:42 AM         | 0.0                  | 0.0   |
| 10:54 AM       | 0.0                  | 10:57 AM         | 0.0                  | 0.0   |
| 11:09 AM       | 0.0                  | 11:12 AM         | 0.0                  | 0.0   |
| 11:24 AM       | 0.0                  | 11:27 AM         | 0.0                  | 0.0   |
| 11:39 AM       | 0.0                  | 11:42 AM         | 0.0                  | 0.0   |
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| 12:09 PM       | 0.0                  | 12:12 PM         | 0.0                  | 0.0   |
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| 1:54 PM        | 0.0                  | 1:57 PM          | 0.0                  | 0.0   |
| 2:09 PM        | 0.0                  | 2:12 PM          | 0.0                  | 0.0   |
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| 2:39 PM        | 0.0                  | 2:42 PM          | 0.0                  | 0.0   |
| 2:54 PM        | 0.0                  | 2:57 PM          | 0.0                  | 0.0   |
| 3:09 PM        | 0.0                  | 3:12 PM          | 0.0                  | 0.0   |
| 3:24 PM        | 0.0                  | 3:27 PM          | 0.0                  | 0.0   |
| 3:39 PM        | 0.0                  | 3:42 PM          | 0.0                  | 0.0   |

VOC - Volatile Organic Compound

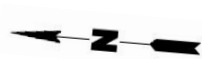
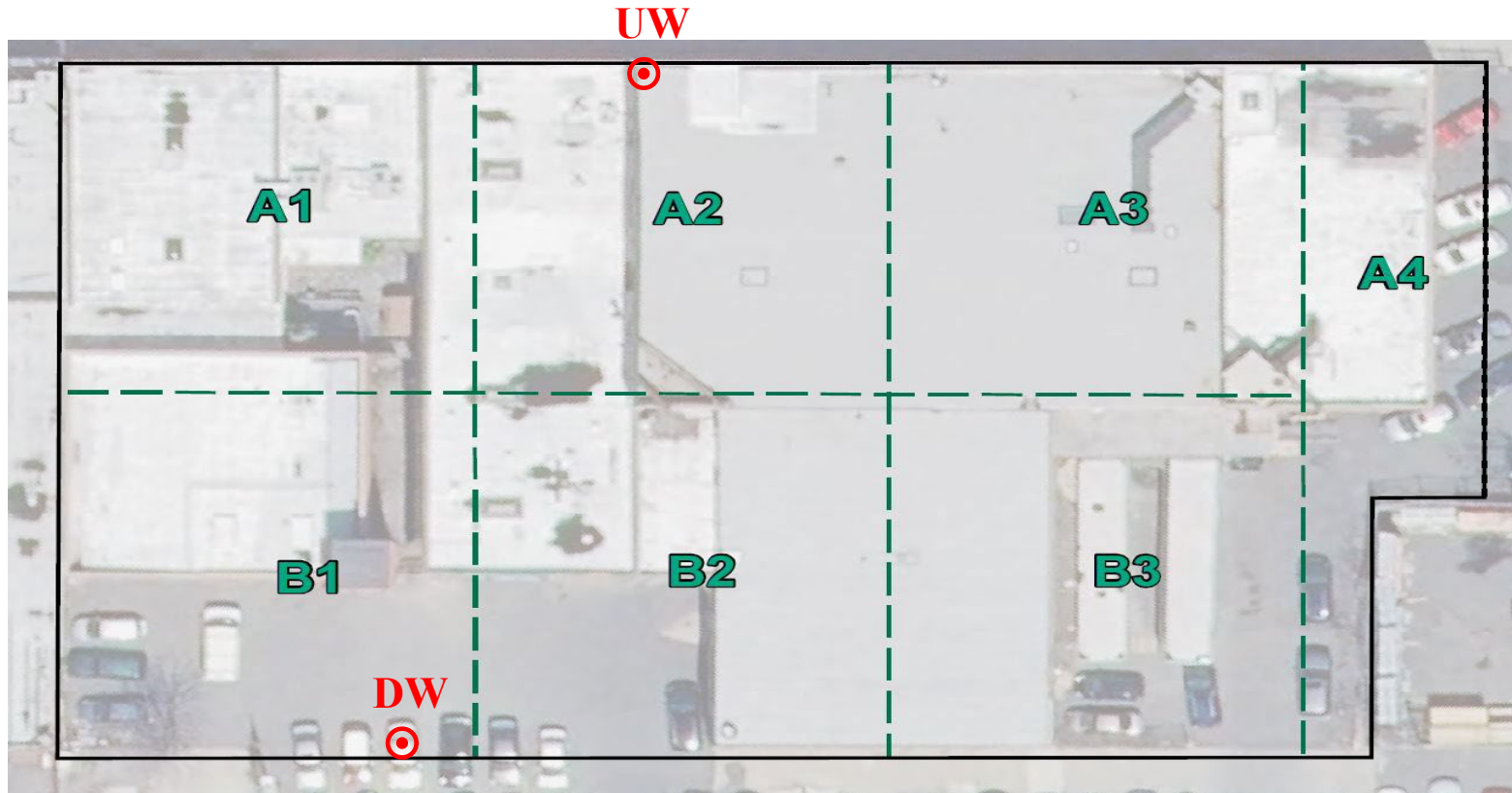
PPM - parts per million



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

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Project Number: 3165.0006J000  
Project Manager: Levi Curnutte  
Location: 74 20th Street, Brooklyn, NY  
Date: 9/2/2022  
Times: 7:45 AM to 3:45 PM

↓  
**Wind Direction**



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