

# LANGAN SITE OBSERVATION REPORT – Day 054

<b>CLIENT:</b> Gowanus Canal LLC and GowCan Owner, LLC <b>PROJECT No.:</b> 170295301 <b>PROJECT:</b> Gowanus Canal Northside <b>LOCATION:</b> Brooklyn, New York	<b>DATE:</b> Wednesday, November 9, 2022 <b>WEATHER:</b> Clear, 41 to 56 °F Wind: NE @ 2-3 mph <b>TIME:</b> 06:30 – 17:00 <b>BCP SITE ID:</b> C224080
<b>EQUIPMENT:</b> Komatsu PC 490 Excavator      Junttan PM20/25 Drill Rig Komatsu PC 240 Excavator      JLG HC3 Boom Lift Komatsu PC 78 US Excavator APE Model 23.2 Vibratory Hammer Komatsu Wheel Loader Junttan PM20US Drill Rig	<b>PRESENT AT SITE:</b> <b>Langan:</b> Eddie Cai, Brian Kenneally, Aron Farber (Environmental), Ashlene Bisram (Geotechnical) <b>Urban Atelier Group (UAG):</b> Seth Anderson <b>Kingdom Associates, Inc. (Kingdom):</b> Paddy Kearney
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b> <p>Langan was on-site to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved March 24, 2022 Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) Site No. C224080. Site Map 1 presents the Society Brooklyn and Sackett Place developments, which together comprise the BCP site.</p> <p><b>Site Activities</b></p> <ul style="list-style-type: none"> <li>• Kingdom exported previously stockpiled non-hazardous drilling spoils (SP_COMP_08-10_0-85 and SP_COMP_09-11_0-85) and previously stockpiled historic fill from waste characterization grids WC03 and WC08 (WC03_COMP_0-5, WC03_COMP_5-10, and WC08_COMP_0-5) into permitted tri-axle trucks for off-site disposal. See material tracking section for details.</li> <li>• Kingdom exported previously stockpiled construction and demolition (C&amp;D) debris in permitted tri-axle trucks for off-site disposal. See material tracking section for details.</li> <li>• Kingdom installed header pipes for the dewatering system in the northern part of Society Brooklyn.</li> <li>• Kingdom imported two truckloads of ½-inch crushed stone. The stone was used to backfill the former vault in the southeastern part of Society Brooklyn and create a level drilling surface. See material tracking section for details.</li> <li>• Kingdom installed foundation piles in the northern part of Sackett Place.             <ul style="list-style-type: none"> <li>○ The foundation piles were advanced to a maximum depth of about 85 feet below grade surface (bgs). Drilling spoils were screened for odor, staining, and organic vapors using a PID. MGP impacts, including a maximum PID reading of 24.1 ppm and mothball-like odors, were observed in three of the foundation piles.</li> <li>○ The MGP-impacted drilling spoils were segregated and added to existing stockpiles in the southern part of Society Brooklyn on top of and covered with polyethylene sheeting pending future off-site disposal.</li> <li>○ The non-MGP-impacted drilling spoils were added to existing stockpiles in the southern part of Society Brooklyn on top of and covered with polyethylene sheeting pending future off-site disposal.</li> </ul> </li> </ul> <p><b>Import and Export Tracking</b></p> <ul style="list-style-type: none"> <li>• Kingdom exported 22 truckloads of non-hazardous drilling spoils (SP_COMP_08-10_0-85 and SP_COMP_09-11_0-85) and historic fill from waste characterization grids WC03 and WC08 (WC03_COMP_0-5, WC03_COMP_5-10, and WC08_COMP_0-5) to Bayshore Soil Management (BSM) in Keasbey, NJ.</li> </ul>	
<b>Cc:</b> J. Hayes, M. Burke, P. Farnham, E. Adkins, A. Nesci	<b>By:</b> Eddie Cai <b>Langan, D.P.C.</b>

- Kingdom exported 2 truckloads of C&D debris to Faztec Industries in Staten Island, NY.
- Kingdom imported 2 truckloads of ½-inch crushed stone from the Impact Environmental facility in Jersey City, NJ.

Soil/Fill Export Summary			
Facility	Exported	Today	Total
Bayshore Soil Management Keasbey, NJ Non-Hazardous Soil/Fill	No. Loads	22	184
	Quantity (CY)	440	3,680
Bayshore Soil Management Keasbey, NJ Non-Hazardous MGP-Impacted Soil/Fill	No. Loads	0	42
	Quantity (CY)	0	840

Material Import Summary				
Facility	NYSDEC Approved Quantity (CY)	Imported	Today	Total
Stavola Construction Materials, Inc Bridgewater, NJ 2.5-inch Stone	1,000	No. Loads	0	6
		Quantity (CY)	0	120
87 19 <sup>th</sup> Avenue Astoria, NY 2.5-inch Stone	2,000	No. Loads	0	2
		Quantity (CY)	0	70
Impact Environmental Jersey City, NJ 0.5-inch Crushed Stone	2,000	No. Loads	2	2
		Quantity (CY)	40	40

**Sampling**

- No samples were collected today.

**Community Air Monitoring**

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at the upwind and downwind perimeters of the work area during ground-intrusive work. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan (CAMP).

**Anticipated Activities**

- Kingdom will continue to install foundation piles at Society Brooklyn and Sackett Place.
- Kingdom will continue to install SOE at Society Brooklyn.
- Kingdom will continue to install the dewatering system at Society Brooklyn.
- A Fire Department of New York (FDNY)-licensed tank contractor will clean and decommission the 750-gallon underground storage tank (UST).

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			Langan, D.P.C.

**Site Photographs:**



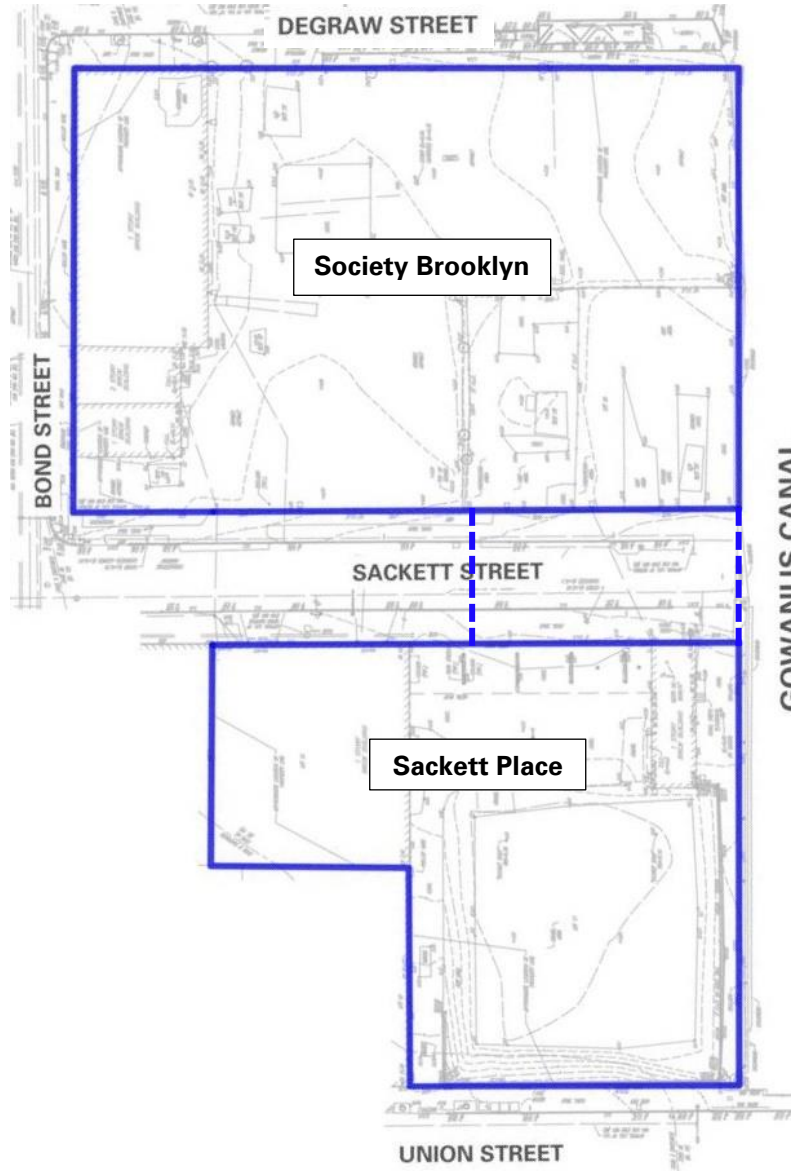
**Photo 1:** Kingdom imported ½-inch crushed stone from the Impact Environmental Facility in the southeastern part of Society Brooklyn (facing northeast)





**Photo 2:** Kingdom applying ATMOS odor suppressant foam to a stockpile of petroleum-impacted soil/fill in the northern part of Society Brooklyn (facing northeast)

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**Site Map 1:**



**Legend**

-  Approximate BCP site boundary
-  Approximate construction fence boundary

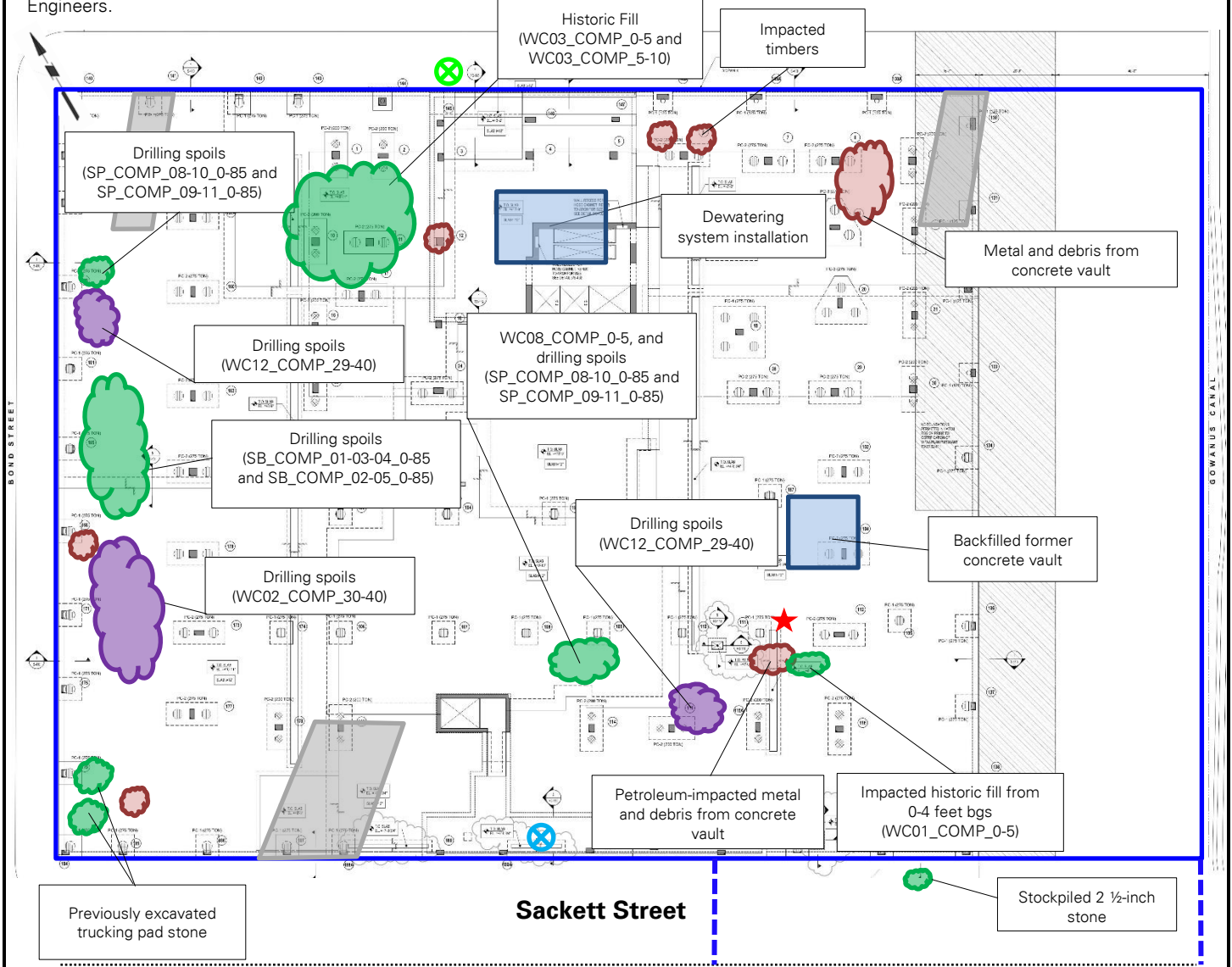
**Notes**

1. Base map adapted from 24 March 2022 RAWP, Figure 2 – Site Plan.
2. This Site Map is provided for context only; refer to the Northern (Society Brooklyn) and Southern (Sackett Place) Work Area Maps on the following pages for work and air monitoring location(s).

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### Site Map 2: Northern Work Area Map (Society Brooklyn)

Base map adapted from 1 April 2022 drawing FO-201.00, "Ground Floor Framing Plan" for Society Brooklyn, prepared by DeSimone Consulting Engineers.



**Legend:**

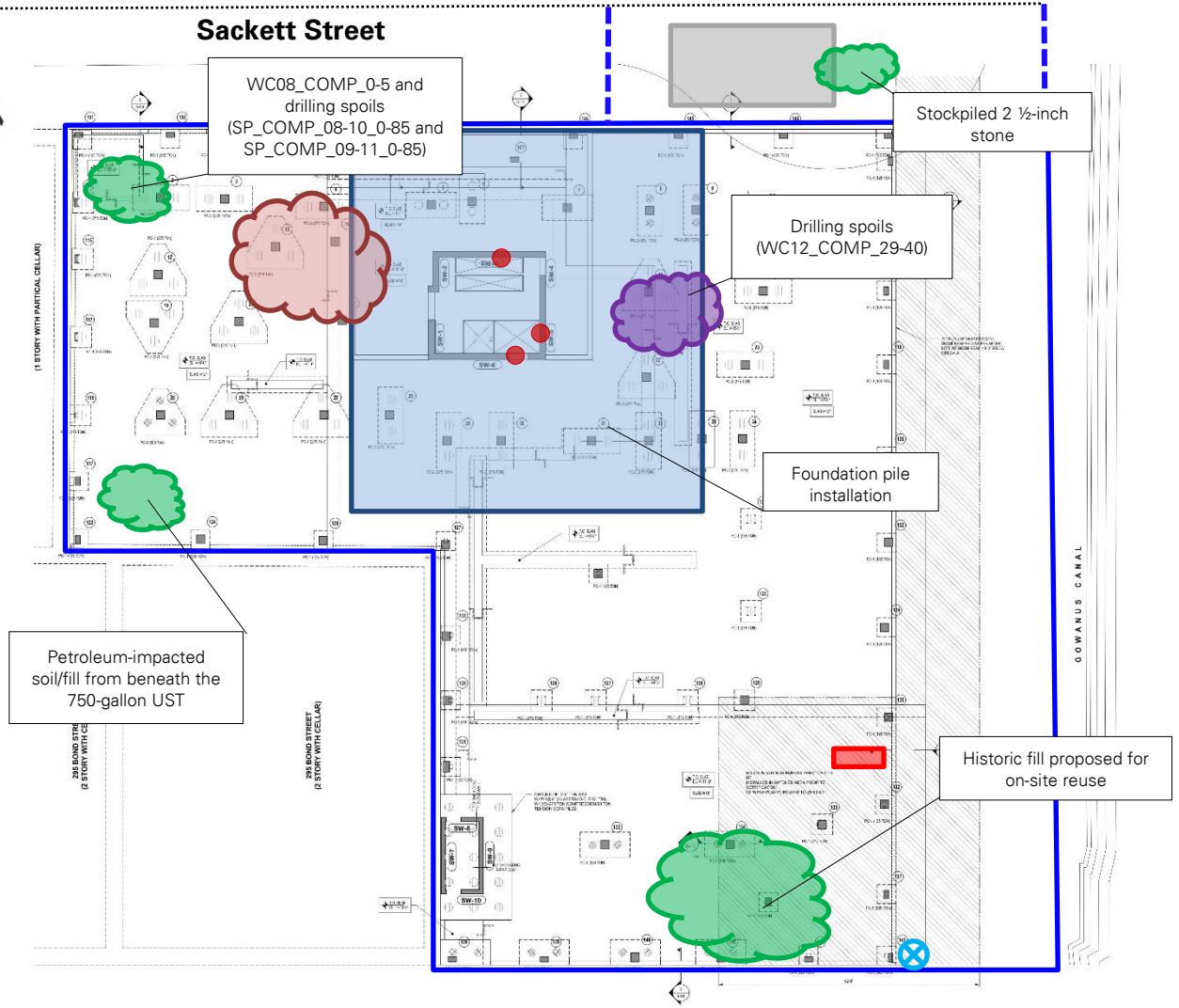
- Approximate site boundary
- - - Approximate construction fence boundary
- ⊗ Upwind air monitoring station
- ⊗ Downwind air monitoring station
- Approximate work area
- Approximate stabilized construction entrance
- Approximate soil/fill stockpile location
- Approximate MGP-impacted stockpile location
- Approximate C&D debris stockpile location
- ★ Approximate floor drain location
- Approximate location of MGP-impacted pile drilled today

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### Site Map 3: Southern Work Area Map (Sackett Place)

Base map adapted from 1 April 2022 drawing FO-201.00, "Ground Floor Framing Plan" for Sackett Place, prepared by DeSimone Consulting Engineers.



**Legend:**

- Approximate site boundary
- Approximate construction fence boundary
- ⊗ Upwind air monitoring station
- ⊗ Downwind air monitoring station
- Approximate work area
- Approximate stabilized construction entrance
- Approximate soil/fill stockpile location
- Approximate MGP-impacted stockpile location
- Approximate C&D debris stockpile location
- Approximate location of MGP-impacted pile drilled today
- Approximate location of 750-gallon UST

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