

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Friday, January 13, 2023  <b>WEATHER:</b> Cloudy, 45-50 °F Wind: S @ 12-14 mph  <b>TIME:</b> 6:45 am to 2:00 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Andrew Ashley
<b>CONTRACTOR'S EQUIPMENT:</b> Komatsu PC228USLC Excavator		<b>PRESENT AT SITE:</b> <b>RAWP Implementation – Day 1</b> Andrew Ashley – Langan Northeast Demolition – Demolition Contractor Dover Environmental Group, Inc. – Tank Removal Contractor	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Borough of Brooklyn Tax Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Northeast Demolition (Northeast) used a Komatsu excavator to remove an about 12-foot-long, 5-foot-wide, and 6-inch-thick concrete encasement surrounding the out-of-service 1,080-gallon aboveground storage tank (AST) located in the northeastern part of the site. The top of the 4-foot-diameter AST was encountered about 2 feet below sidewalk grade, and was partially buried in soil. As such, the AST will be referenced to as an underground storage tank (UST; UST-1).</li> <li>Dover Environmental Group, Inc. (Dover), a Fire Department of New York (FDNY)-certified tank removal contractor, cut the 1,080-gallon UST open to clean and decommission the tank. A petroleum-like odor and maximum photoionization detector (PID) reading of 620 parts per million (ppm) was observed within the headspace of the UST. Dover removed about 150 gallons of No. 2 fuel oil from the UST and cleaned residual product using absorbent pads. The No. 2 fuel oil was containerized in an about 330-gallon Intermediate Bulk Container (IBC) tote, and the spent absorbent pads were containerized in a 55-gallon drum and transported off-site for disposal at the JG Environmental Waste Processing Facility located in Lancaster, Pennsylvania.</li> <li>Northeast used a Komatsu excavator to remove the cleaned UST from the subgrade. The UST was wrapped in a tarp, and transported to the TNT Scrap Metal facility in Brooklyn, New York for off-site disposal. Upon removing the UST for the subsurface, surrounding fill/soil was screened for odors, staining and organic vapors using a PID. Evidence of impacts was not observed.</li> </ul>			
<b>Cc:</b> L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Andrew Ashley  <b>LANGAN</b>		

## SITE OBSERVATION REPORT

### Material Tracking

- No material was imported to the site.
- No material was exported from the site.

### Sampling

- No samples were collected.

### CAMP Activities

Langan performed on-site air monitoring during ground-intrusive activities for particulate matter smaller than 10 microns in diameter (PM10) or volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 and VOCs did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site. Fugitive dust or odors were not observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.015		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.015	0.025	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.026	0.039	Maximum 15-min Average	0.0	0.1
Minimum 1-min Instant Reading	0.006	0.011	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.034	0.042	Maximum 1-min Instant Reading	0.1	0.1

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

### Anticipated Activities

- Lakewood Environmental Services will decommission the existing monitoring wells across the site on Tuesday, January 17, 2023.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Andrew Ashley
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

-  Upwind CAMP Station
-  Downwind CAMP Station
-  Wind Direction
-  Approximate UST Location
-  Approximate Monitoring Well Location

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Andrew Ashley <b>LANGAN</b>
-----	--	-----	--------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Dover removing No. 2 fuel oil from the 1,080-gallon UST in the northeastern part of the site (facing north).



**Photo 2:** View of Northeast loading the 1,080-gallon UST into an open-top container for off-site disposal (facing northwest).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Andrew Ashley <b>LANGAN</b>
-----	---	-----	--------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401	<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Tuesday, January 17, 2023
<b>PROJECT:</b> 326-350 Rockaway Avenue		<b>WEATHER:</b> Partly Cloudy, 32-45 °F Wind: SW @ 2-7 mph
<b>LOCATION:</b> Brooklyn, NY		<b>TIME:</b> 6:45 am to 10:30 pm
<b>CONTRACTOR:</b> SD Builders		<b>LANGAN REP. :</b> Harrison Bluestone
<b>CONTRACTOR'S EQUIPMENT:</b> Komatsu PC228USLC Excavator	<b>PRESENT AT SITE:</b> Harrison Bluestone – Langan Lakewood Environmental Services Corp. (Lakewood) – Tim Kelly	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b> <p>Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:</p> <p><b><u>Site Activities</u></b></p> <ul style="list-style-type: none"><li>Lakewood decommissioned six Remedial Investigation (RI) monitoring wells across the site (MW01-MW06) and one geotechnical observation well (OW-1), previously installed by GeoDesign, in accordance with the New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy (CP)-43. The monitoring wells were tremi-grouted with bentonite and Portland cement from depths of about 40 to 50 feet below grade surface (bgs) to surface grade.</li></ul> <p><b><u>Material Tracking</u></b></p> <ul style="list-style-type: none"><li>No material was imported to the site.</li><li>No material was exported from the site.</li></ul> <p><b><u>Sampling</u></b></p> <ul style="list-style-type: none"><li>No samples were collected.</li></ul> <p><b><u>CAMP Activities</u></b></p> <ul style="list-style-type: none"><li>The community air monitoring program was not implemented due to lack of ground-intrusive activities.</li></ul> <p><b><u>Anticipated Activities</u></b></p> <ul style="list-style-type: none"><li>None.</li></ul>		
<b>Cc:</b> L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Harrison Bluestone <b>LANGAN</b>	

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**



Upwind CAMP Station



Downwind CAMP Station



Wind Direction



Approximate Decommissioned Langan Monitoring Well Location



Approximate Decommissioned GeoDesign Monitoring Well Location

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	--	-----	-------------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Lakewood decommissioning monitoring well MW04 in the southern part of the site (facing east).



**Photo 2:** View of decommissioned monitoring well MW02 in the southwestern part of the site.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	---	-----	-------------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Monday, February 6, 2023  <b>WEATHER:</b> Cloudy, 41-54 °F Wind: NNW @ 1.3-7.8 mph  <b>TIME:</b> 7:50 am to 4:00 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Erik Orantes
<b>CONTRACTOR'S EQUIPMENT:</b> Deere 245G LC Excavator Deere 300G Excavators (2)		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Erik Orantes General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to break the pre-existing concrete slab in in the central and eastern parts of the site in preparation for off-site disposal as construction and demolition (C&amp;D) debris.</li> </ul> <b>Material Tracking</b> <ul style="list-style-type: none"> <li>No material was imported to the site.</li> <li>No material was exported from the site.</li> </ul> <b>Sampling</b> <ul style="list-style-type: none"> <li>No samples were collected.</li> </ul>			
<b>Cc:</b> L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Erik Orantes  <b>LANGAN</b>		

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed on-site air monitoring during ground-intrusive activities for particulate matter smaller than 10 microns in diameter (PM10) or volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 and VOCs did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.029		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.029	0.051	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.066	0.144	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.011	0.024	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.084	0.307	Maximum 1-min Instant Reading	0.0	0.0

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.


Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Erik Orantes
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

-  Upwind CAMP Station
-  Downwind CAMP Station
-  Wind Direction
-  Approximate Work Area

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Erik Orantes <b>LANGAN</b>
-----	--	-----	-------------------------------

SITE OBSERVATION REPORT

SITE PHOTOGRAPHS



**Photo 1:** View of Legacy breaking the pre-existing concrete slab in the northeastern part of the site (facing northwest).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Erik Orantes
			LANGAN

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Tuesday, February 7, 2023  <b>WEATHER:</b> Partly Cloudy, 26-39 °F Wind: N @ 1.2-3.5 mph  <b>TIME:</b> 6:30 am to 4:00 pm
<b>CONTRACTOR:</b> SD Builders		<b>LANGAN REP. :</b> Jack Millman	
<b>CONTRACTOR'S EQUIPMENT:</b> Komatsu PC228USLC Excavator John Deere (Deere) 300G Excavator (2) Deere 245G LC Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Jack Millman General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to break the pre-existing concrete slab in the central and southern parts of the site. The C&amp;D debris was temporarily stockpiled in the central and southern parts of the site pending future off-site disposal as construction and demolition (C&amp;D) debris.</li> </ul> <b>Material Tracking</b> <ul style="list-style-type: none"> <li>No material was imported to the site.</li> <li>No material was exported from the site.</li> </ul> <b>Sampling</b> <ul style="list-style-type: none"> <li>No samples were collected.</li> </ul>			
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)		<b>By:</b> Jack Millman  <b>LANGAN</b>

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 and VOCs did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.012		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.012	0.009	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.082	0.027	Maximum 15-min Average	0.0	0.1
Minimum 1-min Instant Reading	-0.002	0.000	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.188	0.046	Maximum 1-min Instant Reading	0.0	0.1

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

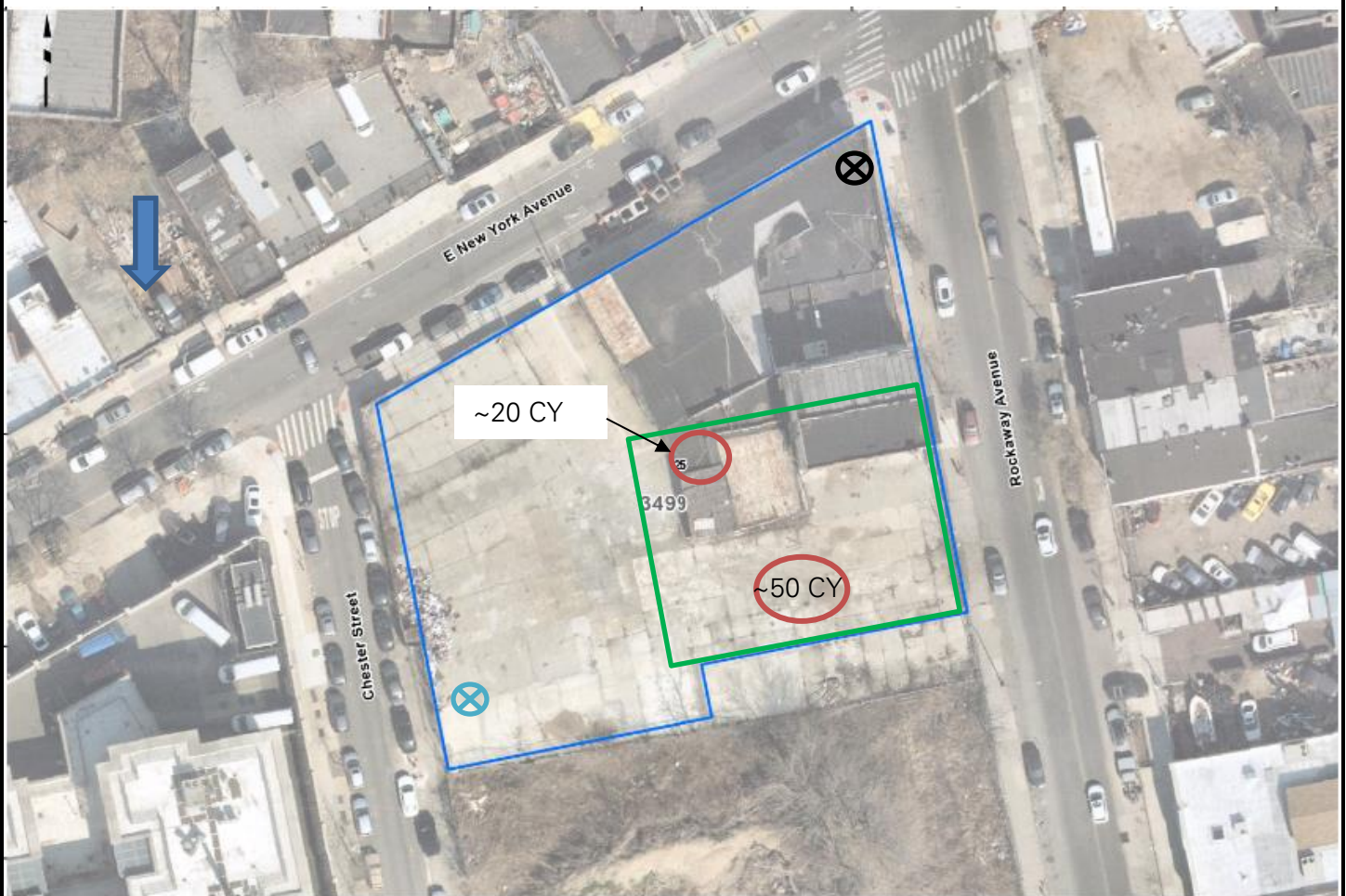
### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.






Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

-  Upwind CAMP Station
-  Downwind CAMP Station
-  C&D Debris Stockpile Location
-  Wind Direction
-  Approximate Work Area

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy breaking the pre-existing concrete slab in the eastern part of the site (facing east).



**Photo 2:** View of a community air monitoring station in the northeastern corner of the site (facing south).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	---	-----	-------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401	<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Wednesday, February 8, 2023
<b>PROJECT:</b> 326-350 Rockaway Avenue		<b>WEATHER:</b> Partly Cloudy, 37-50 °F Wind: WNW @ 1.8-7.1 mph
<b>LOCATION:</b> Brooklyn, NY		<b>TIME:</b> 6:45 am to 2:00 pm
<b>CONTRACTOR:</b> SD Builders		<b>LANGAN REP. :</b> Jack Millman
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Caterpillar 349F Excavator	<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Jack Millman General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b> <p>Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:</p> <p><b><u>Site Activities</u></b></p> <ul style="list-style-type: none"><li>Legacy used an excavator to break the pre-existing concrete slab in the central and southern parts of the site. The C&amp;D debris was temporarily stockpiled in the central and southern parts of the site pending future off-site disposal as construction and demolition (C&amp;D) debris.</li></ul> <p><b><u>Material Tracking</u></b></p> <ul style="list-style-type: none"><li>No material was imported to the site.</li><li>No material was exported from the site.</li></ul> <p><b><u>Sampling</u></b></p> <ul style="list-style-type: none"><li>No samples were collected.</li></ul>		
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Jack Millman <b>LANGAN</b>

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 and VOCs did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.051		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.051	0.046	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.305	0.108	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.012	0.013	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.514	0.357	Maximum 1-min Instant Reading	0.0	0.0

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

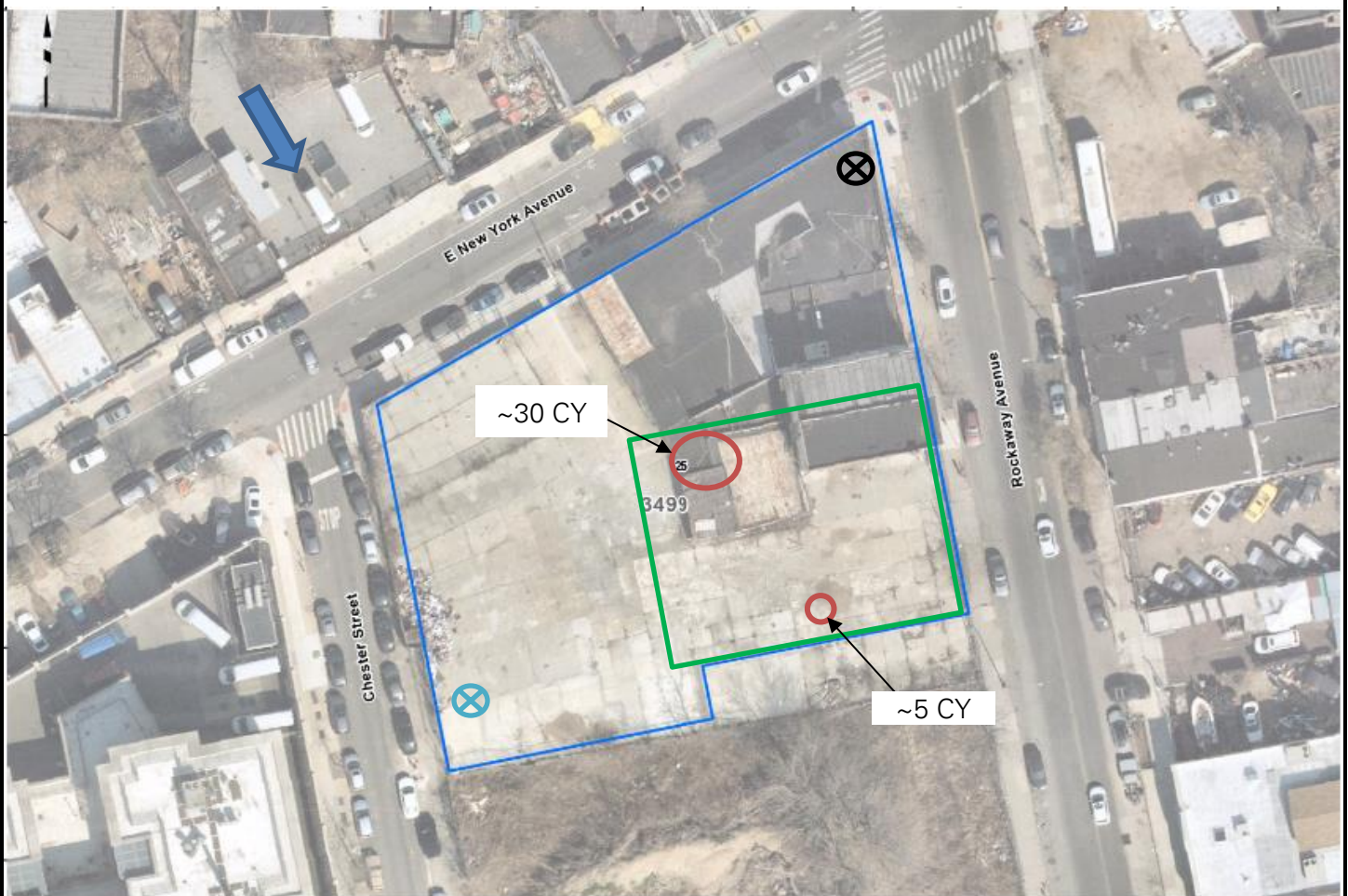
### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

- ⊗ Upwind CAMP Station
- ⊗ Downwind CAMP Station
- C&D Debris Stockpile Location
- ➡ Wind Direction
- Approximate Work Area

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy breaking the pre-existing concrete slab in the southern part of the site (facing west).



**Photo 2:** View of a community air monitoring station in the northeastern corner of the site (facing south).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	---	-----	-------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Thursday, February 9, 2023  <b>WEATHER:</b> Partly Cloudy, 39-49 °F Wind: NNW @ 0.6-5.1 mph  <b>TIME:</b> 7:00 am to 4:30 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Jack Millman
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Jack Millman General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b><u>Site Activities</u></b> <ul style="list-style-type: none"> <li>Langan collected six endpoint samples in the eastern part of the site.</li> </ul> <b><u>Material Tracking</u></b> <ul style="list-style-type: none"> <li>No material was imported to the site.</li> <li>No material was exported from the site.</li> </ul> <b><u>Sampling</u></b> <ul style="list-style-type: none"> <li>Six endpoint samples (EP15, EP21, EP22, EP28, EP29, and EP33) plus quality assurance/quality control (QA/QC) samples were collected from elevation (el) 48 and 50 North American Vertical datum of 1988 (NAVD88) and were analyzed for parameters outlined in the RAWP. The samples were submitted to Alpha Analytical, an Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.</li> </ul>			
<b>Cc:</b> L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Jack Millman <b>LANGAN</b>		

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10  $\mu\text{m}$  in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 and VOCs did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

- One-minute average concentrations of PM10 and VOCs were not recorded at the upwind and downwind monitoring stations from 12:18 to 13:01 due to an equipment error. Ground-intrusive activities did not occur during this time. The monitoring stations were restarted and the issue was resolved.

Particulate Monitoring ( $\text{mg}/\text{m}^3$ )			Organic Vapor Monitoring (ppm)		
Daily background	0.031		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.031	0.027	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.055	0.060	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	-0.001	-0.002	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.086	0.070	Maximum 1-min Instant Reading	0.0	0.0

$\text{mg}/\text{m}^3$  = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.






Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



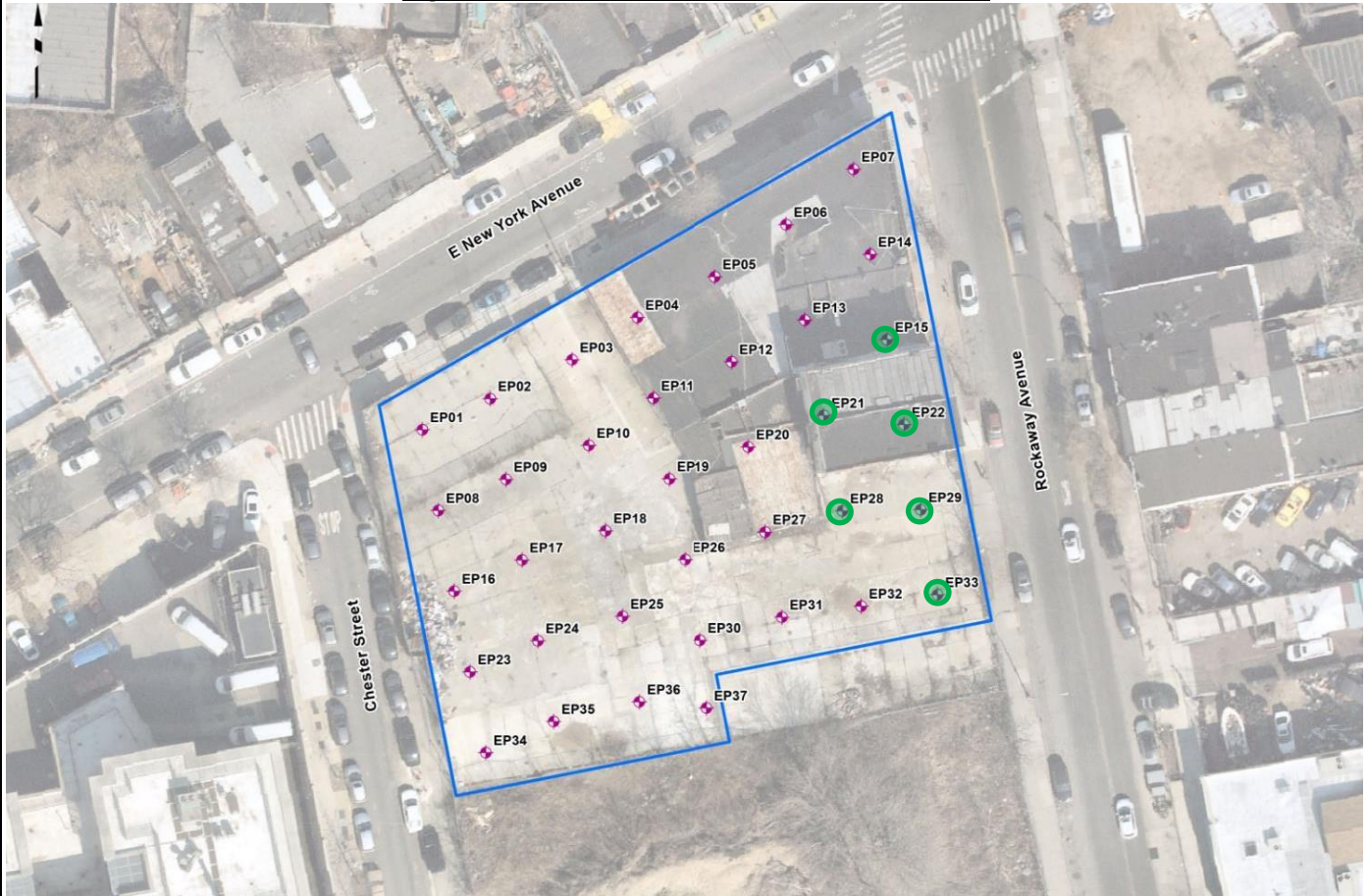
**Legend:**

-  Upwind CAMP Station
-  Downwind CAMP Station
-  C&D Debris Stockpile Location
-  Wind Direction
-  Approximate Work Area





Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Langan collecting an endpoint sample (EP33) in the southeastern part of the site (facing south).



**Photo 2:** General view of the northeastern part of the site (facing northeast).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	---	-----	-------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Friday, February 10, 2023  <b>WEATHER:</b> Partly Sunny, 56-59 °F Wind: W @ 3.6-9.7 mph  <b>TIME:</b> 7:00 am to 3:30 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Jack Millman
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 145G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Jack Millman General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:			
<b><u>Site Activities</u></b> <ul style="list-style-type: none"> <li>Legacy used an excavator to break the pre-existing concrete slab in the central part of the site. The construction and demolition (C&amp;D) debris was temporarily stockpiled in the central part of the site pending future off-site disposal.</li> <li>Legacy used an excavator to excavate an about 18-foot-long, 10-foot-wide, 4-foot-deep area in the southern (WC-06) part of the site to install soldier piles for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the non-hazardous historic fill was graded adjacent to the work area to form a temporary equipment platform.</li> </ul>			
<b><u>Material Tracking</u></b> <ul style="list-style-type: none"> <li>No material was imported to the site.</li> <li>No material was exported from the site.</li> </ul>			
<b><u>Sampling</u></b> <ul style="list-style-type: none"> <li>No samples were collected.</li> </ul>			
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)		<b>By:</b> Jack Millman  <b>LANGAN</b>

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 and VOCs did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.006		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.006	0.009	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.017	0.034	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.000	0.000	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.110	0.218	Maximum 1-min Instant Reading	0.0	0.0

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

### Anticipated Activities

- Legacy will continue to breaking the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

-  Upwind CAMP Station
-  Downwind CAMP Station
-  C&D Debris Stockpile Location
-  Wind Direction
-  Approximate Work Area
-  Approximate Extent of Graded Area
-  Approximate Excavation Area





Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy excavating non-hazardous historic fill to install soldier piles in the southern part of the site (facing northeast).



**Photo 2:** View of Legacy breaking the pre-existing concrete slab in the southern part of the site (facing north).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Monday, February 13, 2023  <b>WEATHER:</b> Partly Sunny, 41-51 °F Wind: N @ 3.9-5.5 mph  <b>TIME:</b> 6:45 am to 4:30 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Jack Millman
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 145G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Jack Millman General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group)	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 45-foot-long, 10-foot-wide, 4-foot-deep area in the southern (WC-06) part of the site to install soldier piles for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the non-hazardous historic fill was either graded adjacent to the work area to form a temporary equipment platform or temporarily backfilled to its original location.</li> <li>Legacy used an excavator to temporarily backfill an about 18-foot-long, 10-foot-wide, 4-foot-deep area using previously excavated non-hazardous historic fill in the southern (WC-06) part of the site.</li> </ul> <b>Material Tracking</b> <ul style="list-style-type: none"> <li>No material was imported to the site.</li> <li>No material was exported from the site.</li> </ul> <b>Sampling</b> <ul style="list-style-type: none"> <li>No samples were collected.</li> </ul>			
<b>Cc:</b> L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Jack Millman <b>LANGAN</b>		

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 and VOCs did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.009		Daily Background	0.1	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.009	0.011	Daily Time Weighted Average	0.1	0.0
Maximum 15-min Average	0.025	0.026	Maximum 15-min Average	0.3	0.1
Minimum 1-min Instant Reading	-0.003	0.000	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.117	0.035	Maximum 1-min Instant Reading	0.3	0.4

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

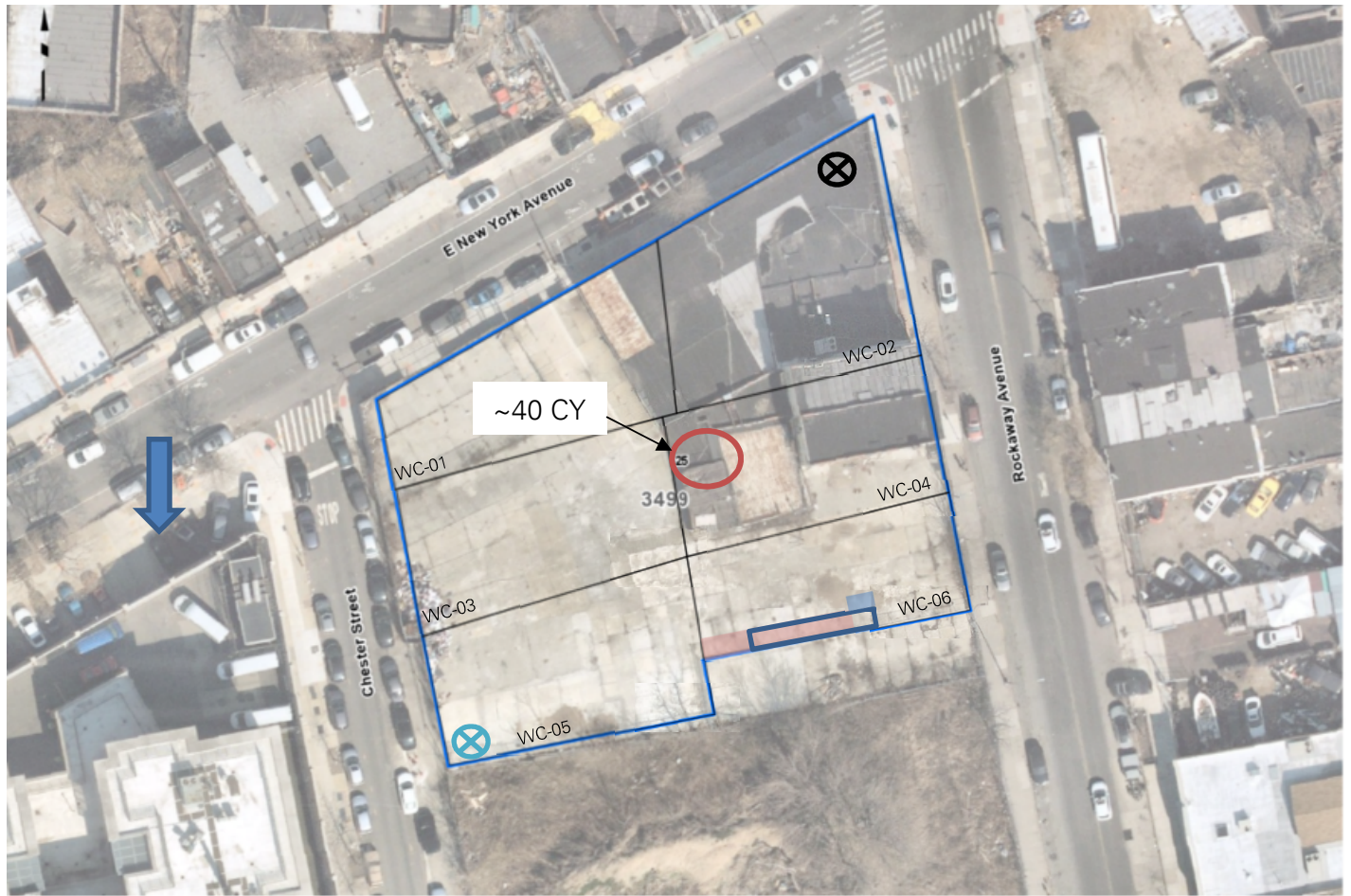
### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as construction and demolition (C&D) debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**



Upwind CAMP Station



Downwind CAMP Station



C&D Debris Stockpile Location



Approximate Excavation Area



Wind Direction



Approximate Work Area

Approximate Extent of Graded Area

Approximate Extent of Backfilled Area

Cc: L. Haley, L. Esmail, K. Semon, B. Gochenaur  
(Langan)

By: Jack Millman





**LANGAN**

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	---	-----	-------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy excavating non-hazardous historic fill to install soldier piles in the southern part of the site (facing northwest).



**Photo 2:** View of Legacy temporarily backfilling non-hazardous historic fill in the southern part of the site (facing northeast).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Tuesday, February 14, 2023  <b>WEATHER:</b> Sunny, 41-51 °F Wind: NW @ 4.5-5.7 mph  <b>TIME:</b> 7:00 am to 5:00 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Jack Millman
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 145G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Jack Millman General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group)	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 35-foot-long, 10-foot-wide, 4-foot-deep area in the southeastern (WC-06) part of the site, and an about 75-foot-long, 10-foot-wide, 4-foot-deep area and an about 40-foot-long, 10-foot-wide, 2-foot-deep area in the northeastern (WC-02) part of the site to install soldier piles for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the fill was either graded adjacent to the work area to form a temporary equipment platform or temporarily backfilled to its original location to be removed at a later date.</li> <li>Legacy used an excavator to break the pre-existing concrete sidewalk in the eastern part of the site. The construction and demolition (C&amp;D) debris was temporarily stockpiled in the central part of the site pending future off-site disposal.</li> <li>Legacy used an excavator to temporarily backfill an about 15-foot-long, 10-foot-wide, 4-foot-deep area using previously excavated non-hazardous historic fill in the southern (WC-06) part of the site. The fill will be removed as part of the remedial action at a later date.</li> </ul> <b>Material Tracking</b> <ul style="list-style-type: none"> <li>No material was imported to the site.</li> <li>No material was exported from the site.</li> </ul> <b>Sampling</b> <ul style="list-style-type: none"> <li>No samples were collected.</li> </ul>			
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)		<b>By:</b> Jack Millman  <b>LANGAN</b>

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). No fugitive dust or odors were observed leaving the site.

- Particulate concentrations exceeded the action levels established in the site Community Air Monitoring Program (CAMP) between 7:47am and 8:02am due to C&D debris chopping activities adjacent to the downwind monitoring station. Work was paused, dust suppression was applied via water hoses, and subsequent readings declined below action levels before work resumed.
- Negative fifteen-minute average concentrations of PM10 were recorded at the upwind monitoring station from 11:11 to 12:18 due to an equipment error. The units were recalibrated and the issue was resolved.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.007		Daily Background	0.1	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.007	0.023	Daily Time Weighted Average	0.1	0.0
Maximum 15-min Average	0.025	0.431	Maximum 15-min Average	0.3	0.0
Minimum 1-min Instant Reading	-0.004	0.000	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.196	2.126	Maximum 1-min Instant Reading	0.3	0.0

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

- |  |                               |  |                                       |
|--|-------------------------------|--|---------------------------------------|
|  | Upwind CAMP Station           |  | Wind Direction                        |
|  | Downwind CAMP Station         |  | Approximate Work Area                 |
|  | C&D Debris Stockpile Location |  | Approximate Extent of Graded Area     |
|  | Approximate Excavation Area   |  | Approximate Extent of Backfilled Area |

Cc: L. Haley, L. Esmail, K. Semon, B. Gochenaur  
 (Langan)

By: Jack Millman





**LANGAN**

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	---	-----	-------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy excavating non-hazardous historic fill on the northeastern part of the site (facing northwest).



**Photo 2:** View of Legacy temporarily backfilling non-hazardous historic fill on the southern part of the site (facing north).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Wednesday, February 15, 2023  <b>WEATHER:</b> Sunny, 46-57 °F Wind: S @ 3.0-7.7 mph  <b>TIME:</b> 7:00 am to 4:45 pm
<b>CONTRACTOR:</b> SD Builders		<b>LANGAN REP. :</b> Jack Millman	
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Jack Millman General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group)	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:			
<b><u>Site Activities</u></b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 90-foot-long, 10-foot-wide, 4-foot-deep area in the northern (WC-02) part of the site to install soldier piles for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the non-hazardous historic fill was temporarily backfilled to its original location to be removed at a later date.</li> <li>Legacy used an excavator to break the pre-existing concrete sidewalk and foundation walls in the northeastern part of the site. The construction and demolition (C&amp;D) debris was temporarily stockpiled in the central part of the site pending future off-site disposal.</li> <li>Legacy used an excavator to temporarily backfill an about 15-foot-long, 10-foot-wide, 4-foot-deep area using previously excavated non-hazardous historic fill in the northeastern (WC-06) part of the site. The fill will be removed as part of the remedial action at a later date.</li> </ul>			
<b><u>Material Tracking</u></b> <ul style="list-style-type: none"> <li>No material was imported to the site.</li> <li>No material was exported from the site.</li> </ul>			
<b><u>Sampling</u></b> <ul style="list-style-type: none"> <li>No samples were collected.</li> </ul>			
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)		<b>By:</b> Jack Millman  <b>LANGAN</b>

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 and VOCs did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.008		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.008	0.008	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.022	0.017	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.000	0.002	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.071	0.052	Maximum 1-min Instant Reading	0.0	0.0

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**



Upwind CAMP Station



Downwind CAMP Station



C&D Debris Stockpile Location



Approximate Excavation Area



Wind Direction



Approximate Work Area



Approximate Extent of Graded Area



Approximate Extent of Backfilled Area





Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy excavating non-hazardous historic fill on the northern part of the site (facing east).



**Photo 2:** View of Legacy temporarily backfilling non-hazardous historic fill On the northern part of the site (facing northeast).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Thursday, February 16, 2023  <b>WEATHER:</b> Rain, 54-70 °F Wind: WSW @ 1.1-2.6 mph  <b>TIME:</b> 7:00 am to 4:30 pm
<b>CONTRACTOR:</b> SD Builders		<b>LANGAN REP. :</b> Jack Millman	
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Jack Millman General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group)	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:			
<b><u>Site Activities</u></b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 25-foot-long, 10-foot-wide, 4-foot-deep area and an about 15-foot-long, 5-foot-wide, 2-foot-deep area in the southern (WC-05) part of the site to install soldier piles for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts were not observed and the fill was temporarily backfilled to its original location to be removed at a later date.</li> <li>Legacy used an excavator to break the pre-existing concrete slab in the southwestern part of the site. The construction and demolition (C&amp;D) debris was temporarily stockpiled in the central part of the site pending future off-site disposal.</li> </ul>			
<b><u>Material Tracking</u></b> <ul style="list-style-type: none"> <li>No material was imported to the site.</li> <li>No material was exported from the site.</li> </ul>			
<b><u>Sampling</u></b> <ul style="list-style-type: none"> <li>No samples were collected.</li> </ul>			
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)		<b>By:</b> Jack Millman  <b>LANGAN</b>

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 and VOCs did not exceed action levels established by the community air monitoring plan (CAMP). CAMP was not implemented after 14:16 due to inclement weather. No fugitive dust or odors were observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.032		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.032	0.041	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.105	0.127	Maximum 15-min Average	0.2	0.0
Minimum 1-min Instant Reading	0.015	0.018	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.323	0.415	Maximum 1-min Instant Reading	0.3	0.0

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.









Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

- |   |                               |   |                                       |
|---|-------------------------------|---|---------------------------------------|
|  | Upwind CAMP Station           |  | Wind Direction                        |
|  | Downwind CAMP Station         |  | Approximate Work Area                 |
|  | C&D Debris Stockpile Location |  | Approximate Extent of Graded Area     |
|  | Approximate Excavation Area   |  | Approximate Extent of Backfilled Area |

Cc: L. Haley, L. Esmail, K. Semon, B. Gochenaur  
(Langan)

By: Jack Millman





**LANGAN**

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy excavating non-hazardous historic fill on the southern part of the site (facing west).



**Photo 2:** View of Legacy breaking the pre-existing concrete slab in the southwestern part of the site (facing southeast).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	---	-----	-------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Friday, February 17, 2023  <b>WEATHER:</b> Rain, 41-59 °F Wind: NW @ 6.0-9.0 mph  <b>TIME:</b> 7:00 am to 4:15 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Jack Millman
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Jack Millman General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group)	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 60-foot-long, 10-foot-wide, 4-foot-deep area in the southern (WC-05) part of the site to install soldier piles for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts were not observed and the fill was temporarily backfilled to its original location to be removed at a later date.</li> <li>Legacy used an excavator to temporarily backfill an about 35-foot-long, 10-foot-wide, 1-foot-deep area using previously excavated non-hazardous historic fill in the southern (WC-06) part of the site. The fill will be subsequently removed as part of the remedial action at a later date.</li> </ul> <b>Material Tracking</b> <ul style="list-style-type: none"> <li>No material was imported to the site.</li> <li>No material was exported from the site.</li> </ul> <b>Sampling</b> <ul style="list-style-type: none"> <li>No samples were collected.</li> </ul>			
<b>Cc:</b> L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Jack Millman <b>LANGAN</b>		

## SITE OBSERVATION REPORT

### CAMP Activities

Community air monitoring was not implemented due to inclement weather. Fugitive dust and odors were not observed leaving the site.

### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman
			LANGAN

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

- |   |                               |   |                                       |
|---|-------------------------------|---|---------------------------------------|
| ⊗ | Upwind CAMP Station           | ➔ | Wind Direction                        |
| ⊗ | Downwind CAMP Station         | □ | Approximate Work Area                 |
| ○ | C&D Debris Stockpile Location | ■ | Approximate Extent of Graded Area     |
| □ | Approximate Excavation Area   | ■ | Approximate Extent of Backfilled Area |





Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	--	-----	-------------------------------

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman <b>LANGAN</b>
-----	---	-----	-------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy excavating non-hazardous historic fill ton the southern part of the site (facing southeast).



**Photo 2:** View of Legacy temporarily backfilling using non-hazardous historic fill in the southern part of the site (facing southwest).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Jack Millman
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Saturday, February 18, 2023
<b>PROJECT:</b> 326-350 Rockaway Avenue		<b>WEATHER:</b> Sunny, 28-39 °F Wind: NW @ 4.5-6.0 mph	<b>TIME:</b> 7:00 am to 3:30 pm
<b>LOCATION:</b> Brooklyn, NY		<b>CONTRACTOR:</b> SD Builders	
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – TJ Malgieri General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group)	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:			
<b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 50-foot-long, 50-foot-wide, 4-foot-deep area in the southeastern (WC-04 and WC-06) part of the site. Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts were not observed and the non-hazardous historic fill was stockpiled in the central part of the site for future off-site disposal.</li> <li>Legacy used an excavator to excavate an about 10-foot-long, 15-foot-wide, 4-foot-deep area in the northeastern (WC-02) part of the site. Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a PID. Evidence of impacts were not observed and the non-hazardous historic fill was stockpiled in the central part of the site for future off-site disposal.</li> <li>Legacy used an excavator to excavate an about 5-foot-long, 10-foot-wide, 9-foot-deep area in the southwestern (WC-05) part of the site to install soldier piles for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a PID. Evidence of impacts were not observed and the fill was temporarily backfilled to its original location to be removed at a later date.</li> </ul>			
<b>Material Tracking</b> <ul style="list-style-type: none"> <li>No material was imported to the site.</li> <li>No material was exported from the site.</li> </ul>			
<b>Cc:</b> L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	<b>By:</b> TJ Malgieri  <b>LANGAN</b>		

## SITE OBSERVATION REPORT

### Sampling

- Three endpoint samples (EP28, EP29, and EP33) were re-collected from elevation (el) 46 North American Vertical datum of 1988 (NAVD88) and were analyzed for semivolatile organic compounds (SVOCs), metals, and/or pesticides. The samples were submitted to Alpha Analytical, an Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10  $\mu\text{m}$  in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 and VOCs did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

- One-minute average concentrations of PM10 were not recorded at the upwind monitoring station from 8:57 to 9:01 due to relocation of the station.

Particulate Monitoring ( $\text{mg}/\text{m}^3$ )			Organic Vapor Monitoring (ppm)		
Daily background	0.015		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.015	0.013	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.035	0.025	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.007	0.008	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.100	0.059	Maximum 1-min Instant Reading	0.0	0.0

$\text{mg}/\text{m}^3$  = milligrams per cubic meter

ppm = parts per million

NA = Not Available.










### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.
- Legacy will export non-hazardous historic fill for off-site disposal.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	TJ Malgieri
			<b>LANGAN</b>

### Figure 1: Site Map



- |   |                               |   |                                       |
|---|-------------------------------|---|---------------------------------------|
|  | Upwind CAMP Station           |  | Wind Direction                        |
|  | Downwind CAMP Station         |  | Approximate Work Area                 |
|  | C&D Debris Stockpile Location |  | Approximate Extent of Graded Area     |
|  | Approximate Excavation Area   |  | Approximate Extent of Backfilled Area |
|  | Soil Stockpile Location       |   |                                       |





Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	TJ Malgieri
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	TJ Malgieri <b>LANGAN</b>
-----	---	-----	------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** General view of the site at the beginning of the work day (facing northwest).



**Photo 2:** View of Legacy excavating non-hazardous historic fill in the southwestern part of the site (facing northeast).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	TJ Malgieri <b>LANGAN</b>
-----	--	-----	------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Monday, February 20, 2023
<b>PROJECT:</b> 326-350 Rockaway Avenue			<b>WEATHER:</b> Sunny, 46-54 °F Wind: SW @ 1.2-4.5 mph
<b>LOCATION:</b> Brooklyn, NY			<b>TIME:</b> 6:45 am to 3:45 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Gabriella DeGennaro
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Gabriella DeGennaro General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group)	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b> <p>Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:</p> <p><b>Site Activities</b></p> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 80-foot-long, 30-foot-wide, 2-foot-deep area in the southern (WC-06) part of the site, and an about 50-foot-long, 50-foot-wide, 2-foot-deep area in the northeastern (WC-02) part of the site. Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts were not observed and the fill was stockpiled in the central part of the site for off-site disposal.</li> </ul>			
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)		<b>By:</b> Gabriella DeGennaro  <b>LANGAN</b>

## SITE OBSERVATION REPORT

### Material Tracking

- No material was imported to the site.
- Legacy exported 71 loads (about 1,420 cubic yards [CY]) of non-hazardous historic fill (waste characterization grids WC02\_0-4, WC04\_0-4, and WC06\_0-4) to the Bayshore Soil Management (BSM) facility located in Keasbey, New Jersey.

Materials Export Summary			
Facility Name, Location, and Type of Material	Exported	Today	Total
Bayshore Soil Management Keasbey, NJ Non-Hazardous/Petroleum-Impacted Historic Fill (Approval Volume: 10,180 CY)	No. Loads	71	71
	Quantity (CY)	1,420	1,420

### Sampling

- Two endpoint samples (EP07 and EP14) were collected from elevation (el) 46 North American Vertical Datum of 1988 (NAVD88) and one endpoint sample (EP32) was collected at el 47 NAVD88, and analyzed for parameters outlined in the RAWP. The samples were submitted to Alpha Analytical, an Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.
- One endpoint sample (EP15) was recollected from el 44 NAVD88, and two endpoint samples (EP21, and EP22) were recollected from el 46 NAVD88 and analyzed for pesticides. The samples were submitted to Alpha Analytical, an ELAP-certified laboratory under standard chain-of-custody protocols.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Gabriella DeGennaro <b>LANGAN</b>
-----	---	-----	--------------------------------------

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10  $\mu\text{m}$  in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

- Fifteen-minute average concentrations of VOCs exceeded action levels at the downwind monitoring station from 8:53 to 9:07 due to an equipment error. Exceedances were not the result of ground-intrusive activity. The equipment was recalibrated and restarted and the issue was resolved.
- One-minute VOC concentrations were not recorded intermittently at the upwind station from 11:15 to 14:25 and 14:56 to 15:28, and at the downwind station intermittently from 9:27 to 11:14, 13:27 to 13:40, and 14:26 to 14:55 due to server errors. During this time, VOCs were monitored using a handheld PID throughout the site and surrounding the site perimeter. Fugitive odors were not observed during this time.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.028		Daily Background	1.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.028	0.026	Daily Time Weighted Average	1.0	1.5
Maximum 15-min Average	0.088	0.048	Maximum 15-min Average	11.0	17.8
Minimum 1-min Instant Reading	0.007	0.006	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.508	0.057	Maximum 1-min Instant Reading	33.5	33.5

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.
- Legacy will continue exporting non-hazardous historic fill for off-site disposal.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Gabriella DeGennaro
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

- |   |                               |   |                                       |
|---|-------------------------------|---|---------------------------------------|
| ⊗ | Upwind CAMP Station           | ➔ | Wind Direction                        |
| ⊗ | Downwind CAMP Station         | □ | Approximate Work Area                 |
| ○ | C&D Debris Stockpile Location | ■ | Approximate Extent of Graded Area     |
| □ | Approximate Excavation Area   | ■ | Approximate Extent of Backfilled Area |
| ○ | Soil Stockpile Location       |   |                                       |





Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Gabriella DeGennaro <b>LANGAN</b>
-----	---	-----	--------------------------------------

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Gabriella DeGennaro <b>LANGAN</b>
-----	--	-----	--------------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy loading non-hazardous historic fill into a permitted tri-axle truck for off-site disposal (facing northeast).



**Photo 2:** View of Legacy excavating non-hazardous historic fill southern part of the site (facing southeast).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Gabriella DeGennaro <b>LANGAN</b>
-----	---	-----	--------------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Tuesday, February 21, 2023  <b>WEATHER:</b> Cloudy/Rain, 37-41 °F Wind: NE @ 1.2-4.4 mph  <b>TIME:</b> 6:45 am to 4:45 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Harrison Bluestone
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Harrison Bluestone General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group)	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 80-foot-long, 30-foot-wide, 4-foot-deep area in the southern (WC-05) part of the site to install lagging for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the non-hazardous historic fill was stockpiled in the central part of the site for off-site disposal.</li> <li>Legacy exposed an underground storage tank (UST) on the southwestern part of the site. The UST measured about 5 feet long by 3 feet wide and appeared to be filled with about 6 inches of a fuel-oil and water mixture. Petroleum odor and PID readings (max. 178.6 parts per million [ppm]) were observed from an opening of the UST. Impacts were not observed in fill/soil surrounding or in contact with the UST. The UST was placed on and covered with polyurethane plastic sheeting pending decommissioning, cleaning and disposal.</li> </ul>			
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)		<b>By:</b> Harrison Bluestone  <b>LANGAN</b>

## SITE OBSERVATION REPORT

### Material Tracking

- No material was imported to the site.
- Legacy exported 40 loads (about 800 cubic yards [CY]) of non-hazardous historic fill (waste characterization grids WC02\_0-4, WC04\_0-4, WC05\_0-4, and WC06\_0-4) to the Bayshore Soil Management (BSM) facility in Keasbey, New Jersey.

Materials Export Summary			
Facility Name, Location, and Type of Material	Exported	Today	Total
Bayshore Soil Management Keasbey, NJ Non-Hazardous/Petroleum-Impacted Historic Fill (Approval Volume: 10,180 CY)	No. Loads	40	111
	Quantity (CY)	800	2,220

### Sampling

- No samples were collected.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			LANGAN

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.053		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.053	0.042	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.389	0.083	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.000	0.000	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	2.666	0.169	Maximum 1-min Instant Reading	0.0	0.2

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

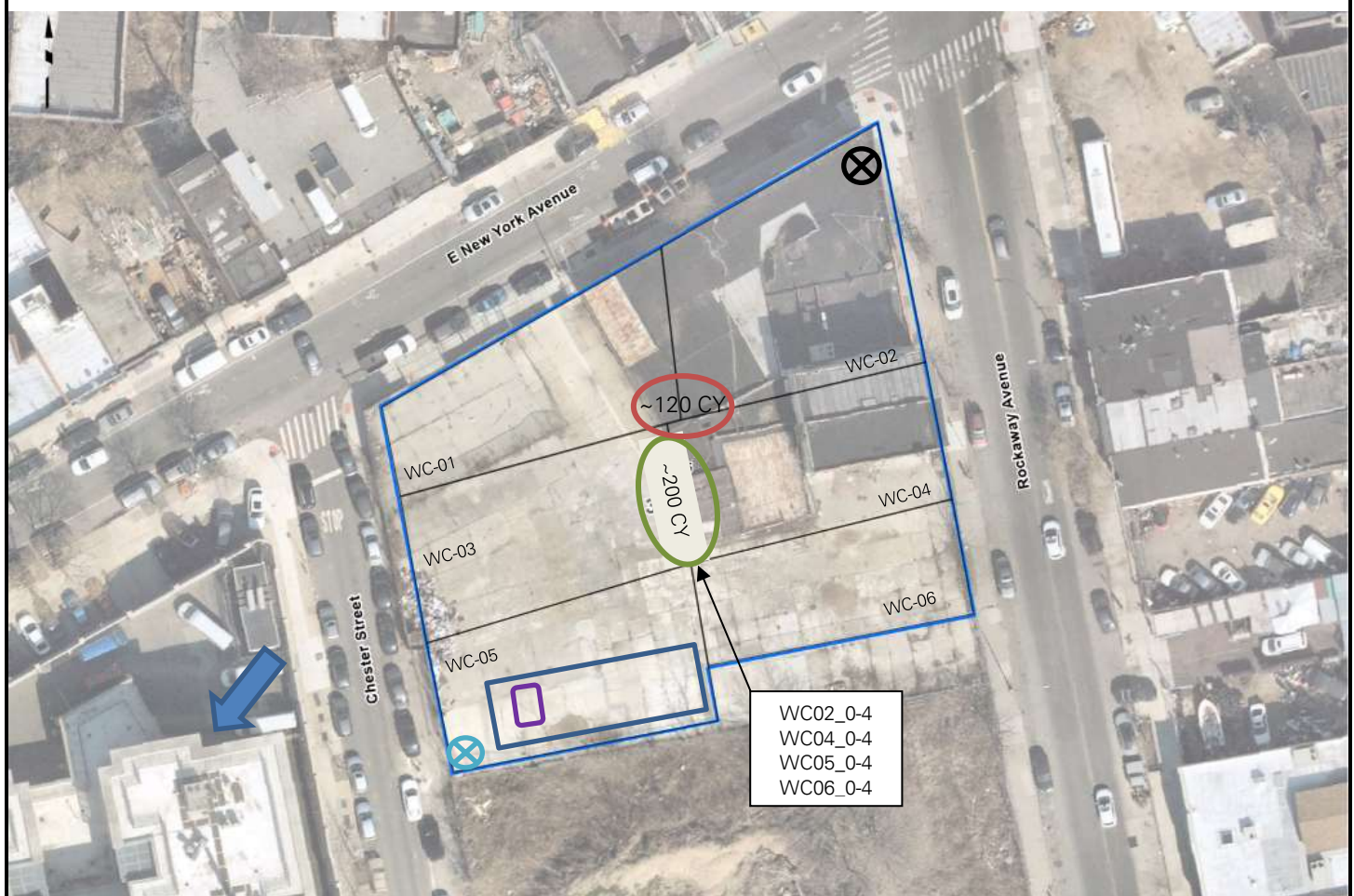
### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.
- Legacy will continue exporting non-hazardous historic fill for off-site disposal.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

- |                                 |   |
|---------------------------------|---|
| ⊗ Upwind CAMP Station           | ➡ Wind Direction                        |
| ⊗ Downwind CAMP Station         | □ Approximate Work Area                 |
| ○ C&D Debris Stockpile Location | ■ Approximate Extent of Graded Area     |
| □ Approximate Excavation Area   | ■ Approximate Extent of Backfilled Area |
| ○ Soil Stockpile Location       | □ Approximate Location of UST           |

Cc: L. Haley, L. Esmail, K. Semon, B. Gochenaur  
 (Langan)





By: Harrison Bluestone  
**LANGAN**

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	--	-----	-------------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy loading non-hazardous historic fill into a permitted tri-axle truck for off-site disposal (facing east).



**Photo 2:** View of Legacy excavating non-hazardous historic fill in the southern part of the site (facing east).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	--	-----	-------------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS (CONTINUED)



**Photo 3:** View of UST placed on and covered with polyethlyene sheeting in the southwestern part of the site (facing north).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	--	-----	-------------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401	<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Wednesday, February 22, 2023
<b>PROJECT:</b> 326-350 Rockaway Avenue		<b>WEATHER:</b> Overcast/Rain, 38-44 °F Wind: NW @ 1.1-2.8 mph
<b>LOCATION:</b> Brooklyn, NY		<b>TIME:</b> 6:45 am to 5:15 pm
<b>CONTRACTOR:</b> SD Builders		<b>LANGAN REP. :</b> Harrison Bluestone
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator	<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Harrison Bluestone General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group)	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b> <p>Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:</p> <p><b>Site Activities</b></p> <ul style="list-style-type: none"><li>Legacy used an excavator to excavate an about 30-foot-long, 15-foot-wide, 4-foot-deep area in the southern part of the site (WC-05) and an about 15-foot-long, 15-foot-wide, 4-foot-deep area in the eastern part of the site (WC-02) to install lagging for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the fill was stockpiled in the central part of the site for off-site disposal.</li></ul>		
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Harrison Bluestone <b>LANGAN</b>

## SITE OBSERVATION REPORT

### Material Tracking

- No material was imported to the site.
- Legacy exported 29 loads (about 580 cubic yards [CY]) of non-hazardous historic fill (waste characterization grids WC02\_0-4, WC04\_0-4, WC05\_0-4, and WC06\_0-4) to the Bayshore Soil Management (BSM) facility in Keasbey, New Jersey for off-site disposal.

Materials Export Summary			
Facility Name, Location, and Type of Material	Exported	Today	Total
Bayshore Soil Management Keasbey, NJ Non-Hazardous Historic Fill (Approval Volume: 10,180 CY)	No. Loads	29	140
	Quantity (CY)	580	2,800

### Sampling

- No samples were collected.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			LANGAN

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

- One-minute VOC concentrations were not recorded at the downwind monitoring station from 7:03 to 7:38 due to an equipment error. The equipment was restarted and the issue was resolved.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.020		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.020	0.028	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.026	0.071	Maximum 15-min Average	0.1	0.0
Minimum 1-min Instant Reading	0.011	0.001	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.054	0.257	Maximum 1-min Instant Reading	0.5	0.0

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.
- Legacy will continue exporting non-hazardous historic fill for off-site disposal.
- Dover Environmental Group, Inc. will decommission the previously discovered underground storage tank (UST).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

- |  |                               |  |                                       |
|--|-------------------------------|--|---------------------------------------|
|  | Upwind CAMP Station           |  | Wind Direction                        |
|  | Downwind CAMP Station         |  | Approximate Work Area                 |
|  | C&D Debris Stockpile Location |  | Approximate Extent of Graded Area     |
|  | Approximate Excavation Area   |  | Approximate Extent of Backfilled Area |
|  | Soil Stockpile Location       |  | Approximate Location of UST           |

Cc: L. Haley, L. Esmail, K. Semon, B. Gochenaur  
 (Langan)





By: Harrison Bluestone  
**LANGAN**

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	--	-----	-------------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy loading non-hazardous historic fill into a permitted tri-axle truck for off-site disposal (facing southeast).



**Photo 2:** View of Legacy excavating non-hazardous historic fill in the eastern part of the site (facing north).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	--	-----	-------------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Thursday, February 23, 2023  <b>WEATHER:</b> Overcast/Rain, 38-41 °F Wind: NE @ 2.8-3.9 mph  <b>TIME:</b> 6:45 am to 5:00 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Harrison Bluestone
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Harrison Bluestone General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group) Tank Removal Contractor (Dover Environmental Group, Inc. [Dover]))	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 20-foot-long, 20-foot-wide, 2-foot-deep area in the northern part of the site (WC-02/SB18_0-2). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the fill was placed in a 20 cubic yard (CY) roll-off container lined with polyethylene sheeting in the northern part of the site. The roll-off container was covered and secured with polyethylene sheeting for future off-site disposal.</li> <li>Legacy used an excavator to excavate an about 20-foot-long, 20-foot-wide, 2-foot-deep area in the northern part of the site (WC-02) and an about 100-foot-long, 15-foot-wide, 2-foot-deep area in the eastern part of the site (WC-02, WC-04, and WC-06). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a PID. Evidence of impacts was not observed and the fill was stockpiled in the central part of the site on and covered with polyethylene sheeting for off-site disposal.</li> <li>Dover, a Fire Department of New York (FDNY)-certified tank removal contractor, cut, cleaned and decommissioned the previously identified 550-gallon underground storage tank (UST). A petroleum-like odor and maximum PID reading of 199.5 parts per million (ppm) was observed within the headspace of the UST. Dover removed about 85 gallons of oil/water mixture and about 25 gallons of tank sludge from the UST and placed in two 55-gallon drums for off-site disposal. The cleaned UST was stored in the southwestern part of the site for future off-site disposal.</li> </ul>			
<b>Cc:</b> L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Harrison Bluestone  <b>LANGAN</b>		

## SITE OBSERVATION REPORT

### Material Tracking

- No material was imported to the site.
- Legacy exported 20 loads (about 400 CY) of non-hazardous historic fill (waste characterization grids WC02\_0-4, WC04\_0-4, WC05\_0-4, WC05\_4-8, and WC06\_0-4) to the Bayshore Soil Management (BSM) facility in Keasbey, New Jersey for off-site disposal.

Materials Export Summary			
Facility Name, Location, and Type of Material	Exported	Today	Total
Bayshore Soil Management Keasbey, NJ Non-Hazardous Historic Fill (Approval Volume: 10,180 CY)	No. Loads	20	160
	Quantity (CY)	400	3,200

### Sampling

- One endpoint sample (EP22) was recollected from elevation (el) 42 North American Vertical datum of 1988 (NAVD88) and two endpoint samples (EP28 and EP29) were recollected from el NAVD88 and analyzed for metals and/or pesticides. The samples were submitted to Alpha Analytical, an Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.
- Two endpoint samples (EP32 and EP33) were recollected from el 45 and 44 NAVD88, respectively, and analyzed for polychlorinated biphenyls and/or semi volatile organic compounds, metals, and pesticides. The samples were submitted to Alpha Analytical, an ELAP-certified laboratory under standard chain-of-custody protocols.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			LANGAN

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

The CAMP was placed in service at about 9:00 due to inclement weather.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.019		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.019	0.020	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.032	0.050	Maximum 15-min Average	0.1	0.0
Minimum 1-min Instant Reading	0.000	0.011	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.071	0.191	Maximum 1-min Instant Reading	0.5	0.0

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

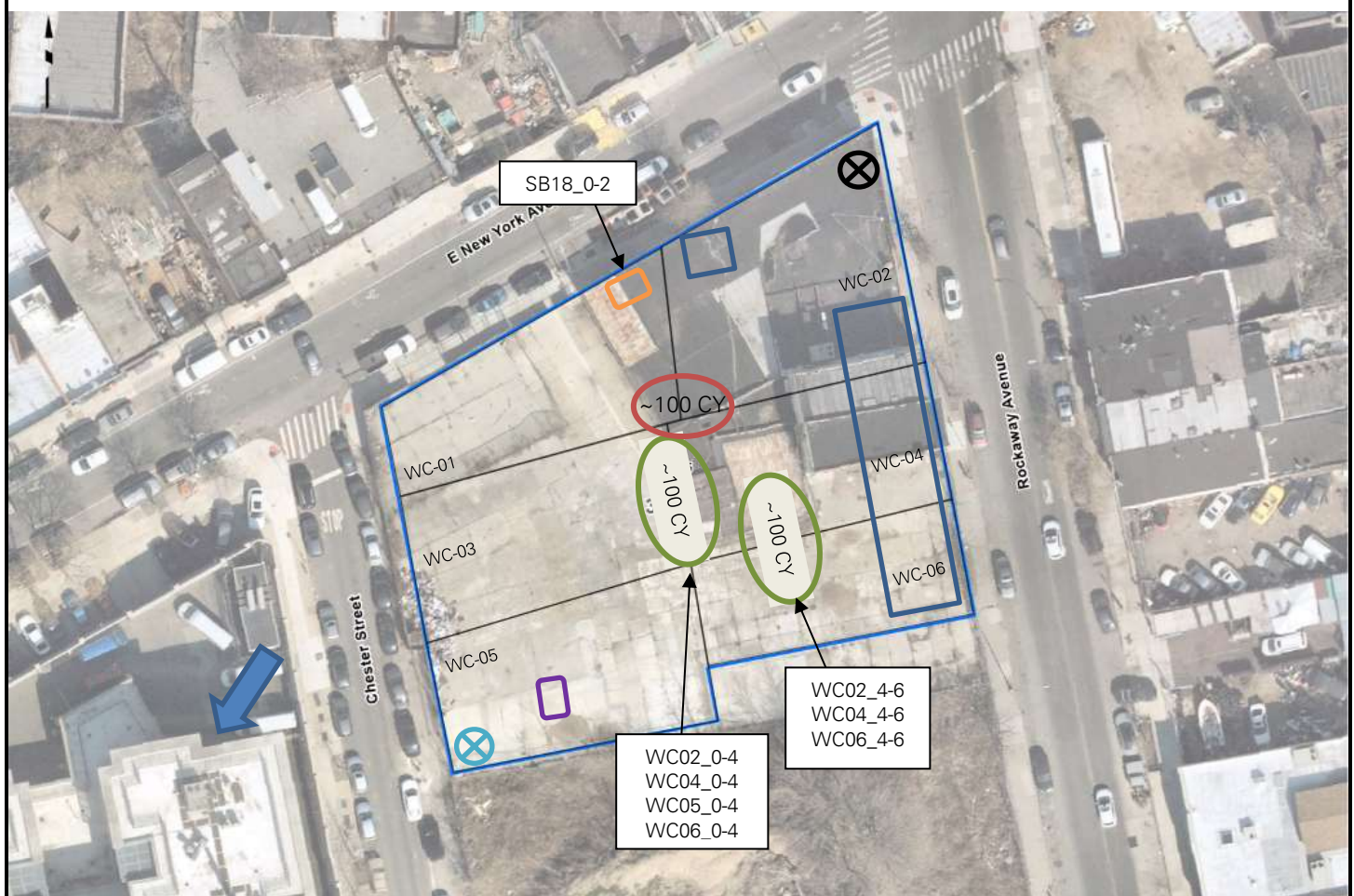
### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for support of excavation (SOE).
- Legacy will continue exporting non-hazardous historic fill for off-site disposal.
- Dover will remove the 550-gallon UST from the site.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

- |  |  |  |                                       |
|--|--|--|---------------------------------------|
|  | Upwind CAMP Station                              |  | Wind Direction                        |
|  | Downwind CAMP Station                            |  | Approximate Work Area                 |
|  | C&D Debris Stockpile Location                    |  | Approximate Extent of Graded Area     |
|  | Approximate Excavation Area                      |  | Approximate Extent of Backfilled Area |
|  | Soil Stockpile Location                          |  | Approximate Location of UST           |
|  | Approximate Location of 20 CY Roll-Off Container |  |                                       |





Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	--	-----	-------------------------------------

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	--	-----	-------------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy loading non-hazardous historic fill into a permitted tri-axle truck for off-site disposal (facing northeast).



**Photo 2:** View of Legacy excavating non-hazardous historic fill on the eastern part of the site (facing north).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	---	-----	-------------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS (Continued)



**Photo 3:** View of a permitted tri-axle truck with secured cover for off-site disposal (facing north).



**Photo 4:** View of Dover cleaning the previously identified 550-gallon UST on the southwestern part of the site (facing east).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	--	-----	-------------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Friday, February 24, 2023  <b>WEATHER:</b> Partly Cloudy, 41-46 °F Wind: NW @ 5.2-10.6 mph  <b>TIME:</b> 6:45 am to 4:15 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Harrison Bluestone
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Harrison Bluestone General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group) Tank Removal Contractor (Dover Environmental Group, Inc. [Dover])	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 60-foot-long, 30-foot-wide, 2-foot-deep area in the northeastern part of the site (WC-02). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the fill was stockpiled on and covered with polyethylene sheeting in the central part of the site for future off-site disposal.</li> <li>Legacy used an excavator to break the pre-existing concrete slab in the southwestern part of the site. The construction and demolition (C&amp;D) debris was temporarily stockpiled in the central part of the site for future off-site disposal.</li> </ul>			
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)		<b>By:</b> Harrison Bluestone  <b>LANGAN</b>

## SITE OBSERVATION REPORT

### Material Tracking

- No material was imported to the site.
- Legacy exported 19 loads (about 380 cubic yards [CY]) of non-hazardous historic fill (waste characterization grids WC02\_0-4, WC04\_0-4, WC05\_0-4, WC05\_4-8, and WC06\_0-4) to the Bayshore Soil Management (BSM) facility in Keasbey, New Jersey for off-site disposal.

Materials Export Summary			
Facility Name, Location, and Type of Material	Exported	Today	Total
Bayshore Soil Management Keasbey, NJ Non-Hazardous Historic Fill (Approval Volume: 10,180 CY)	No. Loads	19	179
	Quantity (CY)	380	3,580

### Sampling

- One endpoint sample (EP15) was recollected from elevation (el) 42 North American Vertical datum of 1988 (NAVD88) and two endpoint samples (EP14 and EP21) were recollected from el 44 NAVD88 and analyzed for metals and/or pesticides. The samples were submitted to Alpha Analytical, an Environmental Laboratory Accredited Program (ELAP)-certified laboratory under standard chain-of-custody protocols.
- One endpoint sample (EP07) was recollected from el 44 NAVD88 and analyzed for semivolatile organic compounds, metals, and pesticides. The sample was submitted to Alpha Analytical, an ELAP-certified laboratory under standard chain-of-custody protocols.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			LANGAN

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

- Fifteen-minute average concentrations of PM10 exceeded action levels at the downwind monitoring station from 11:51 to 12:05 due to an idling truck adjacent to the station. The truck exited the site and concentrations returned below action levels. Exceedances were not the result of ground-intrusive activity.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.008		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.008	0.034	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.036	0.272	Maximum 15-min Average	0.0	0.1
Minimum 1-min Instant Reading	0.001	0.001	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.042	0.769	Maximum 1-min Instant Reading	0.1	1.5

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

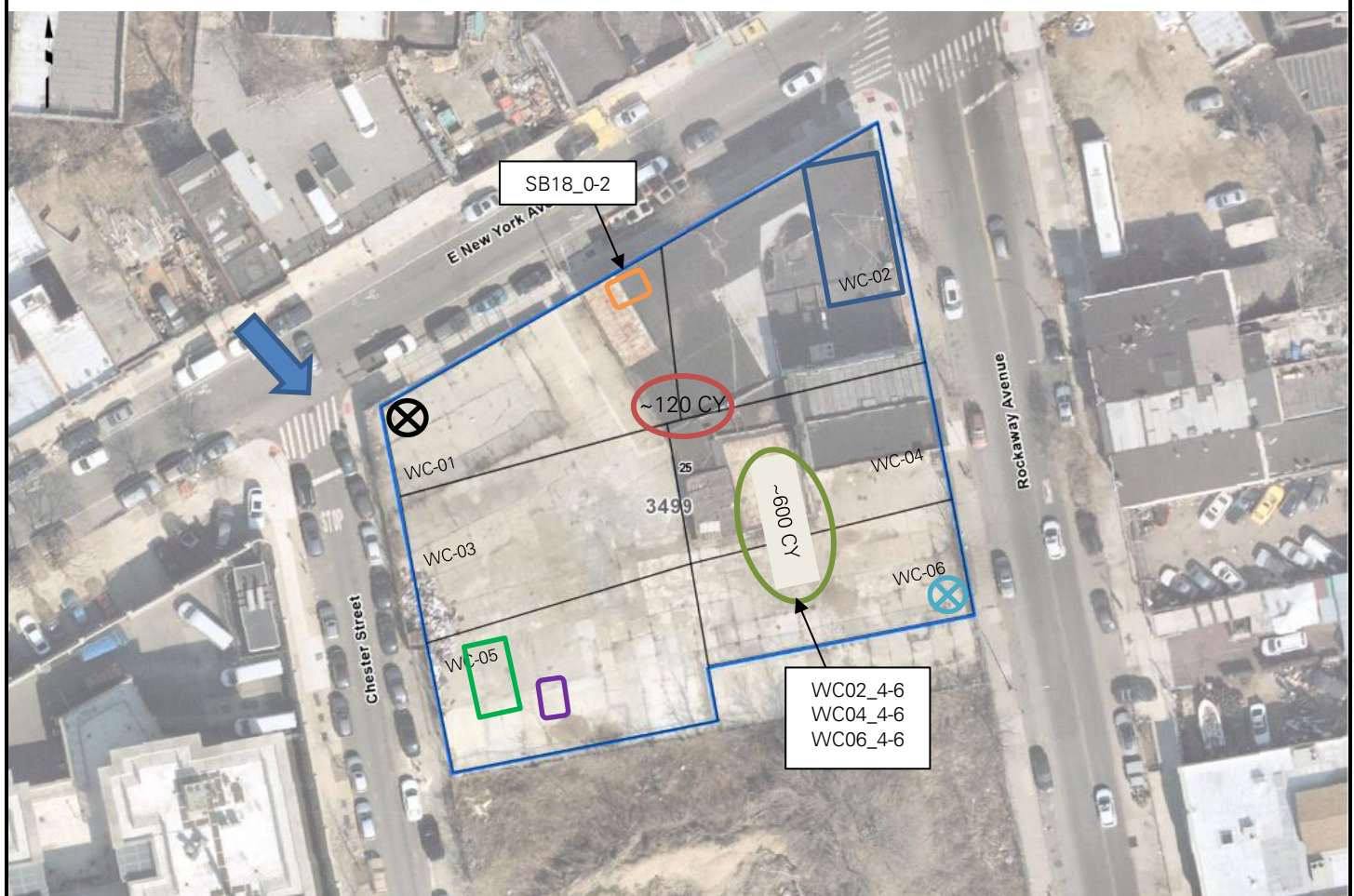
### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for support of excavation (SOE).
- Dover will remove the previously encountered 550-gallon underground storage tank (UST) from the site.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

- |  |  |  |                                       |
|--|--|--|---------------------------------------|
|  | Upwind CAMP Station                              |  | Wind Direction                        |
|  | Downwind CAMP Station                            |  | Approximate Work Area                 |
|  | C&D Debris Stockpile Location                    |  | Approximate Extent of Graded Area     |
|  | Approximate Excavation Area                      |  | Approximate Extent of Backfilled Area |
|  | Soil Stockpile Location                          |  | Approximate Location of UST           |
|  | Approximate Location of 20 CY Roll-Off Container |  |                                       |

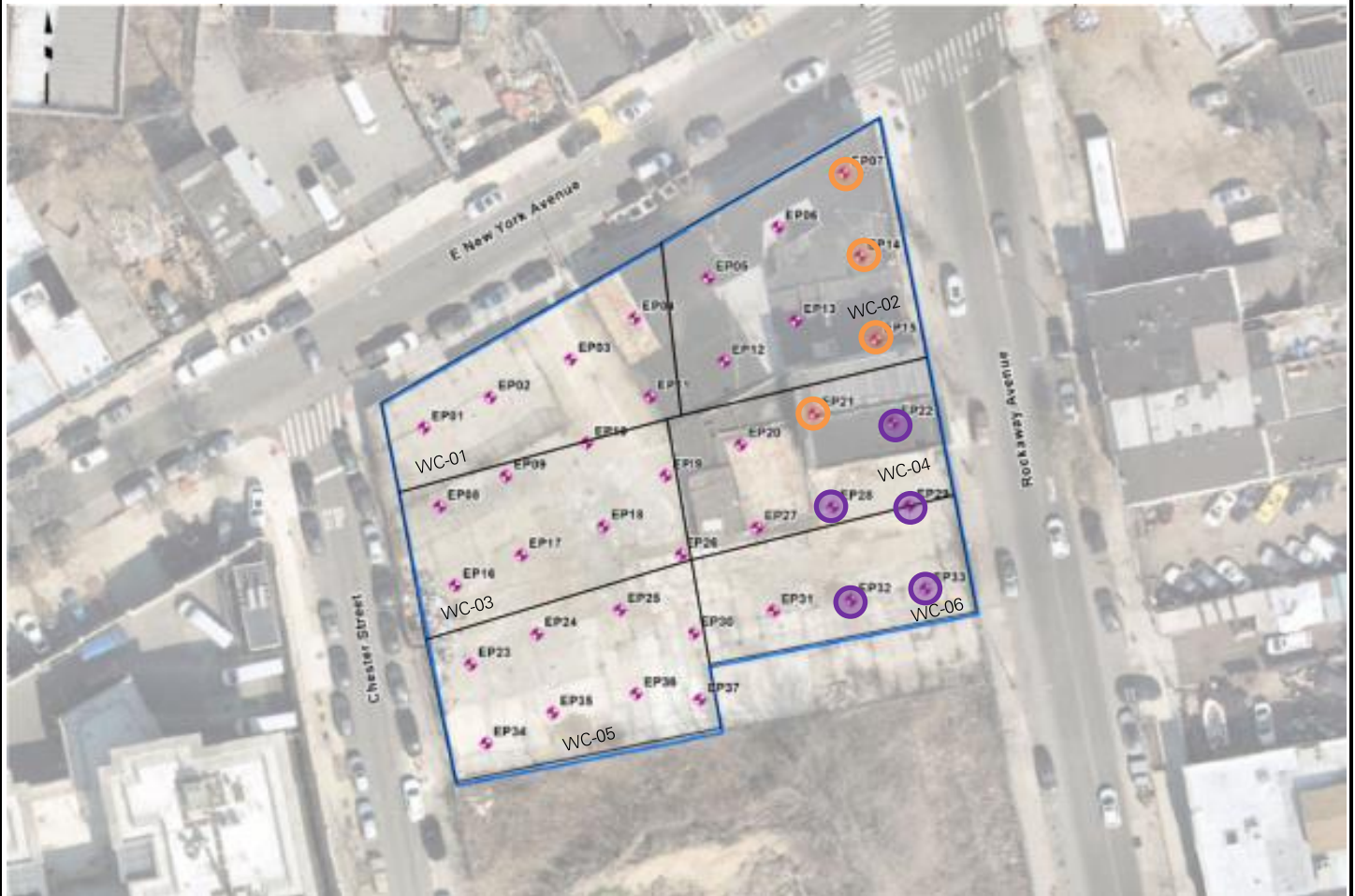
Cc: L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)

By: Harrison Bluestone





**LANGAN**

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	---	-----	-------------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy loading non-hazardous historic fill into a permitted tri-axle truck for off-site disposal (facing southeast).



**Photo 2:** View of Legacy excavating non-hazardous historic fill in the northeastern part of the site (facing east).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	--	-----	-------------------------------------

SITE OBSERVATION REPORT

SITE PHOTOGRAPHS (Continued)



Photo 3: View of a permitted tri-axle truck with secured cover for off-site disposal (facing northwest).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	---	-----	-------------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Saturday, February 25, 2023  <b>WEATHER:</b> Overcast, 24-29 °F Wind: NE @ 1.1 - 3.3 mph  <b>TIME:</b> 8:00 am to 4:00 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Harrison Bluestone
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Harrison Bluestone General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group) Tank Removal Contractor (Dover Environmental Group, Inc. [Dover])	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 45-foot-long, 10-foot-wide, 5-foot-deep area in the southwestern (WC-05) part of the site to install soldier piles for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the non-hazardous historic fill was either stockpiled adjacent to the work area in the southern part of the site or temporarily backfilled to its original location.</li> <li>Legacy used an excavator to excavate an about 30-foot-long, 20-foot-wide, 4-foot-deep area in the central part of the site (WC-03 and WC-05). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a PID. Evidence of impacts was not observed and the fill was stockpiled adjacent to the work area in the southern part of the site.</li> <li>Legacy used an excavator to break the pre-existing concrete slab in the southwestern part of the site. The construction and demolition (C&amp;D) debris was temporarily stockpiled in the central part of the site for future off-site disposal.</li> </ul>			
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)		<b>By:</b> Harrison Bluestone  <b>LANGAN</b>

## SITE OBSERVATION REPORT

### Material Tracking

- No material was imported to the site.
- No material was exported from the site.

Materials Export Summary			
Facility Name, Location, and Type of Material	Exported	Today	Total
<b>Bayshore Soil Management</b> <b>Keasbey, NJ</b> <b>Non-Hazardous Historic Fill</b> <b>(Approval Volume: 10,180 CY)</b>	<b>No. Loads</b>	0	<b>179</b>
	<b>Quantity (CY)</b>	0	<b>3,580</b>

### Sampling

- No samples were collected.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.019		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.019	0.012	Daily Time Weighted Average	0.0	0.1
Maximum 15-min Average	0.141	0.038	Maximum 15-min Average	0.0	0.3
Minimum 1-min Instant Reading	0.000	0.000	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.499	0.285	Maximum 1-min Instant Reading	0.0	1.3

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

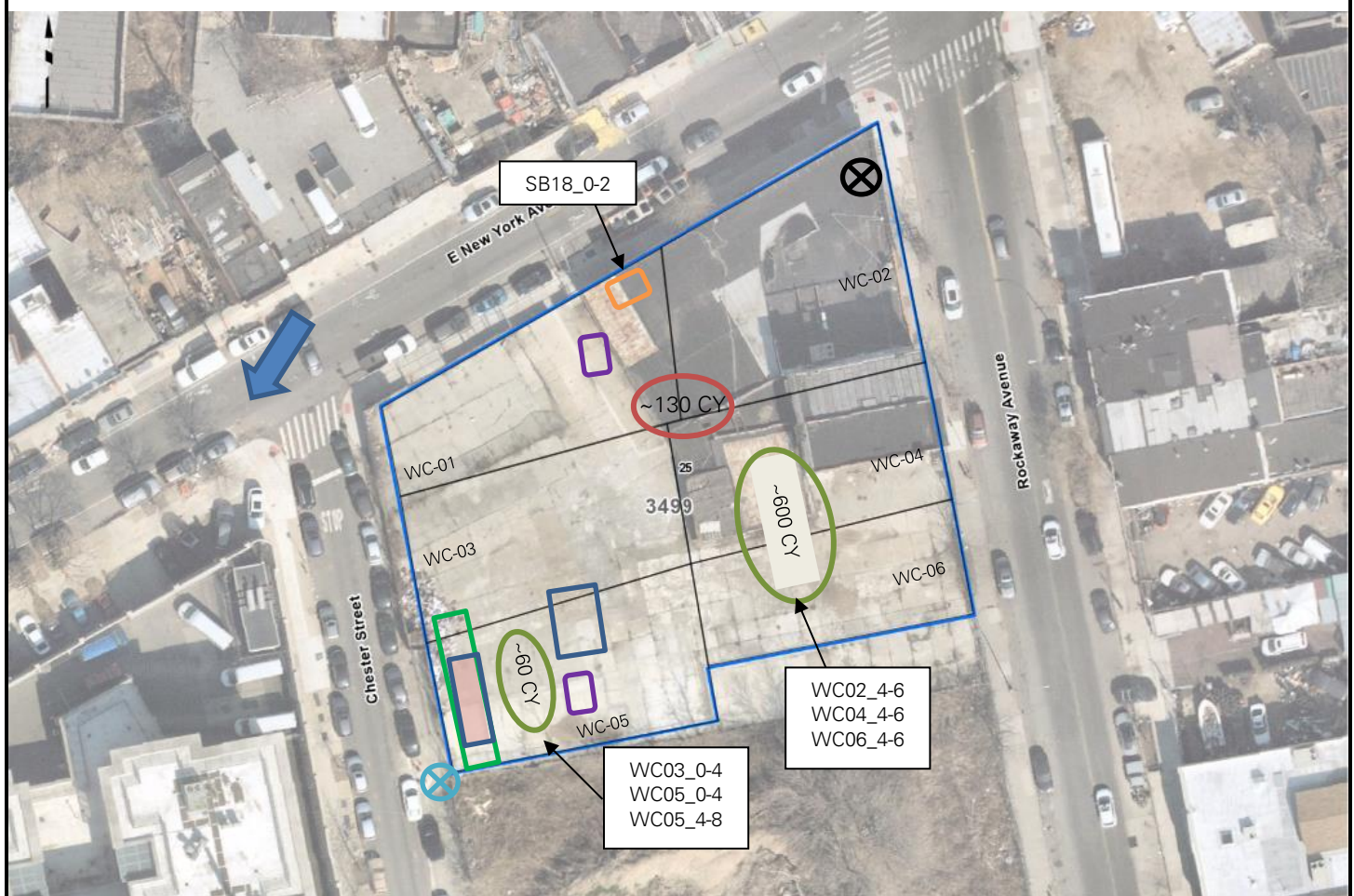
### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for support of excavation (SOE).
- Dover will remove the 550-gallon underground storage tank (UST) from the site.












Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			<b>LANGAN</b>

# SITE OBSERVATION REPORT

### **Figure 1: Site Map**



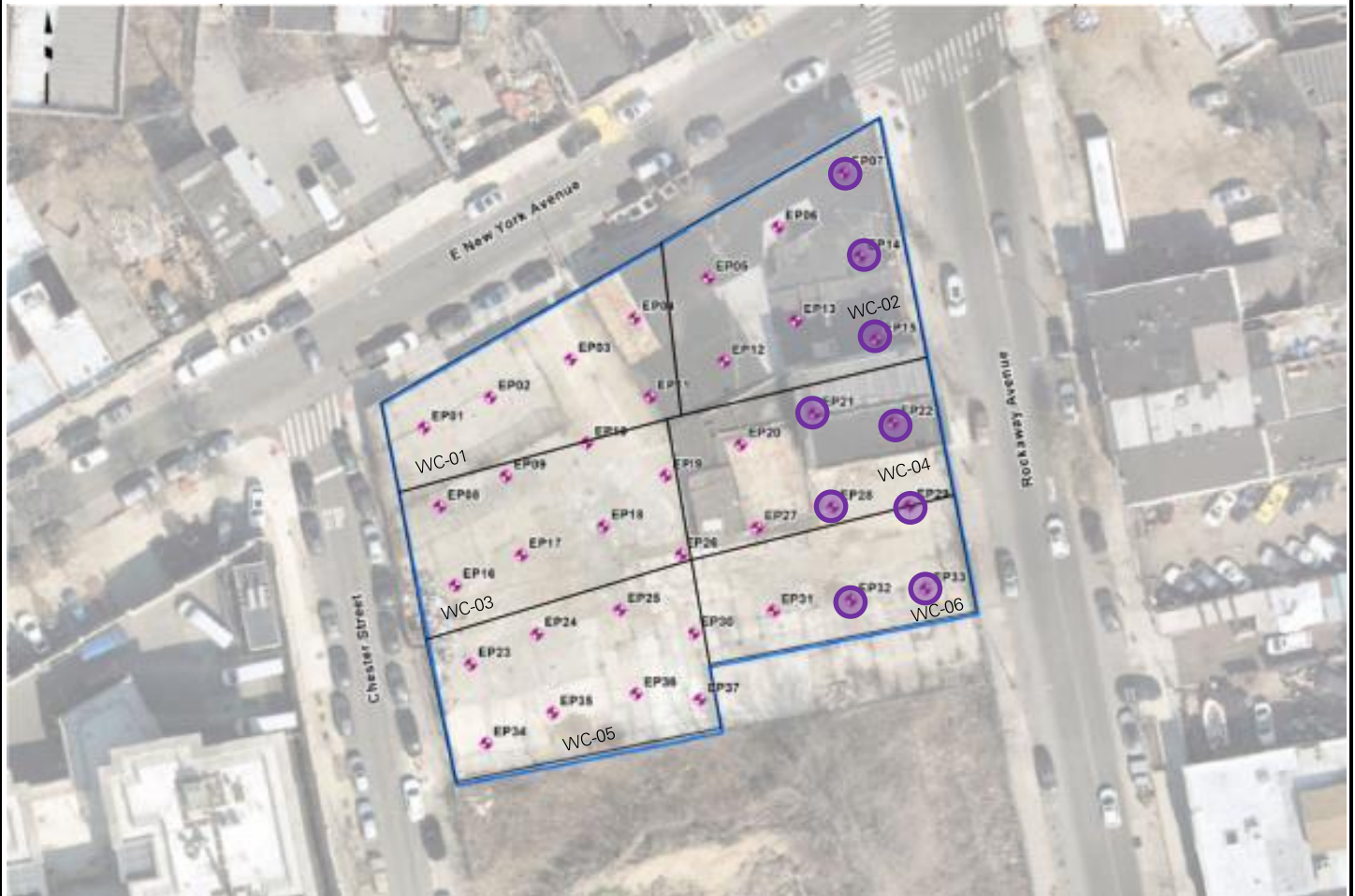
**Legend:**

- |   |  |   |                                       |
|---|--|---|---------------------------------------|
|  | Upwind CAMP Station                              |  | Wind Direction                        |
|  | Downwind CAMP Station                            |  | Approximate Work Area                 |
|  | C&D Debris Stockpile Location                    |  | Approximate Extent of Graded Area     |
|  | Approximate Excavation Area                      |  | Approximate Extent of Backfilled Area |
|  | Soil Stockpile Location                          |  | Approximate Location of UST           |
|  | Approximate Location of 20 CY Roll-Off Container |   |                                       |





Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	---	-----	-------------------------------------

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	---	-----	-------------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy breaking the pre-existing concrete slab in the southwestern part of the site (facing west).



**Photo 2:** View of Legacy excavating non-hazardous historic fill in the western part of the site (facing north).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	---	-----	-------------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Monday, February 27, 2023  <b>WEATHER:</b> Overcast, 34-41 °F Wind: N @ 1.6 - 3.0 mph  <b>TIME:</b> 6:45 am to 4:00 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Maitland Robinson
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Maitland Robinson General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group)	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 80-foot-long, 20-foot-wide, 4-foot-deep area in the western (WC-01 and WC-03) part of the site to install soldier piles for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the non-hazardous historic fill was either graded adjacent to the work area to form a temporary equipment platform or temporarily backfilled to its original location.</li> <li>Legacy used an excavator to excavate an about 30-foot-long, 20-foot-wide, 4-foot-deep area in the southwestern part of the site (WC-03 and WC-05). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a PID. Evidence of impacts was not observed and the historic fill was graded adjacent to the work area to form a temporary equipment platform in the southern part of the site.</li> <li>Legacy used an excavator to excavate an about 20-foot-long, 20-foot-wide, 4-foot deep area in the northern part of site (SB18). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the historic fill was secured in a roll-off container pending facility approval.</li> <li>Legacy used an excavator to break the pre-existing concrete slab in the western part of the site. The construction and demolition (C&amp;D) debris was temporarily stockpiled in the central part of the site pending future off-site disposal.</li> <li>Legacy removed the previously decommissioned UST (UST-2) originally encountered on February 21, 2023 in the southwestern part of the site for off-site disposal at the TNT Scrap Metal facility located in Brooklyn, New York as scrap metal.</li> </ul>			
<b>Cc:</b> L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	<b>By:</b> Maitland Robinson <b>LANGAN</b>		

## SITE OBSERVATION REPORT

### Material Tracking

- No material was imported to the site.
- No material was exported from the site.

Materials Export Summary			
Facility Name, Location, and Type of Material	Exported	Today	Total
<b>Bayshore Soil Management</b> <b>Keasbey, NJ</b> <b>Non-Hazardous Historic Fill</b> <b>(Approval Volume: 10,180 CY)</b>	<b>No. Loads</b>	0	<b>179</b>
	<b>Quantity (CY)</b>	0	<b>3,580</b>

### Sampling

- No samples were collected.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Maitland Robinson
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.0162		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.016	0.015	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.053	0.045	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.083	0.09	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.217	0.343	Maximum 1-min Instant Reading	0.1	0.1

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

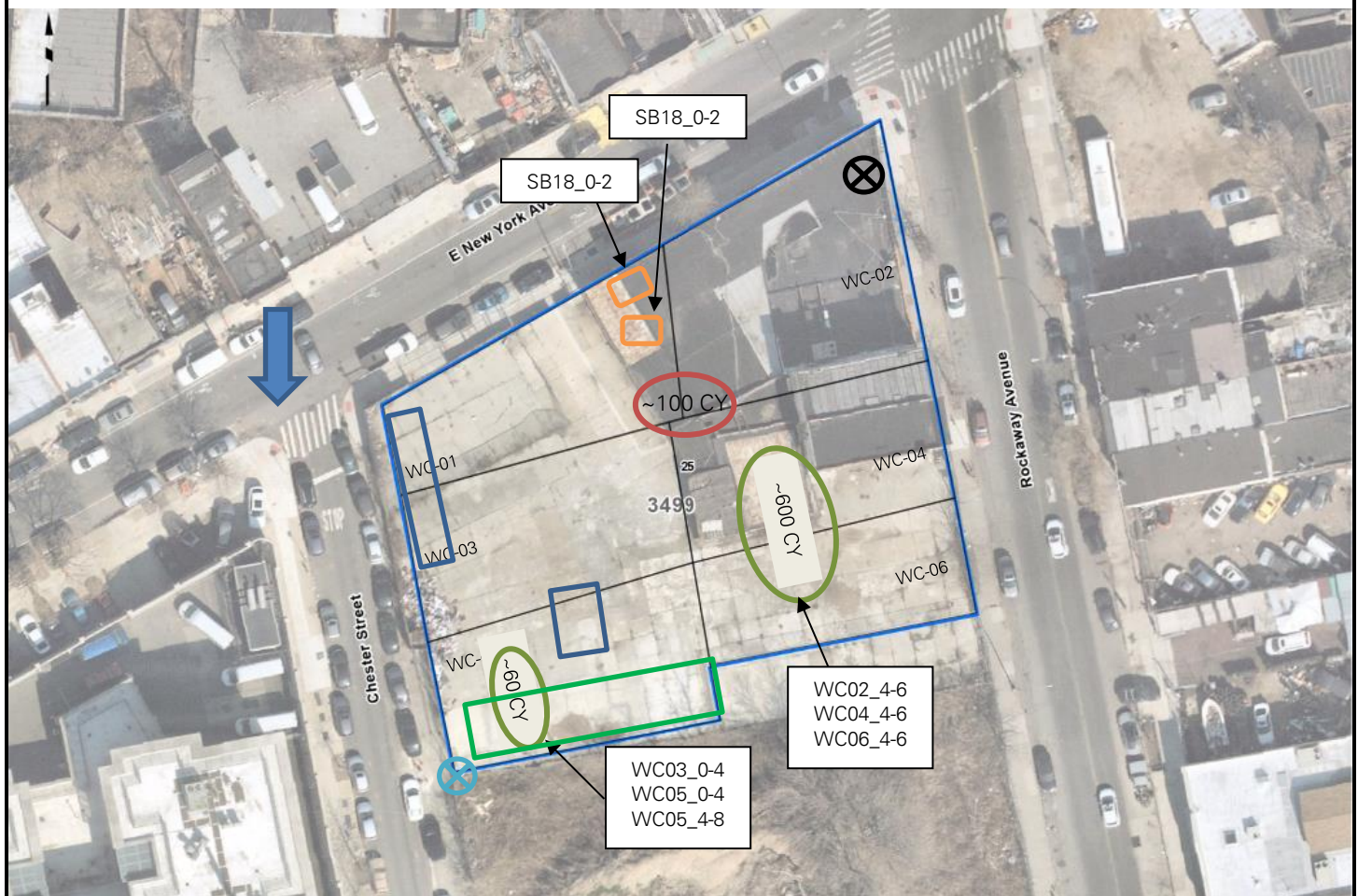
### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.
- Legacy will continue exporting non-hazardous historic fill for off-site disposal.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Maitland Robinson
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

**Figure 1: Site Map**



**Legend:**

- |  |  |  |                                       |
|--|--|--|---------------------------------------|
|  | Upwind CAMP Station                              |  | Wind Direction                        |
|  | Downwind CAMP Station                            |  | Approximate Work Area                 |
|  | C&D Debris Stockpile Location                    |  | Approximate Extent of Graded Area     |
|  | Approximate Excavation Area                      |  | Approximate Extent of Backfilled Area |
|  | Soil Stockpile Location                          |  | Approximate Location of UST           |
|  | Approximate Location of 20 CY Roll-Off Container |  |                                       |





Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Maitland Robinson <b>LANGAN</b>
-----	--	-----	------------------------------------

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Maitland Robinson <b>LANGAN</b>
-----	--	-----	------------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy transporting previously decommissioned UST-2 off-site as scrap metal (facing east).



**Photo 2:** View of Legacy installing lagging along the eastern site boundary (facing east).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Maitland Robinson <b>LANGAN</b>
-----	---	-----	------------------------------------

## SITE OBSERVATION REPORT

<b>PROJECT No.:</b> 170610401  <b>PROJECT:</b> 326-350 Rockaway Avenue  <b>LOCATION:</b> Brooklyn, NY		<b>CLIENT:</b> 326 Rockaway Investors LLC	<b>DATE:</b> Tuesday, February 28, 2023  <b>WEATHER:</b> Rain, 33-37 °F Wind: NNE @ 2.7 - 5.4 mph  <b>TIME:</b> 6:45 am to 4:45 pm
<b>CONTRACTOR:</b> SD Builders			<b>LANGAN REP. :</b> Harrison Bluestone
<b>CONTRACTOR'S EQUIPMENT:</b> John Deere (Deere) 300G Excavator Deere 245G LC Excavator Deere 210G LC Excavator Deere 135G Excavator Deere 35G Excavator Caterpillar 349F Excavator		<b>PRESENT AT SITE:</b> Environmental Staff (Langan) – Harrison Bluestone General Contractor (SD Builders) – Cody Greenstein Foundation Contractor (Legacy Contractors NYC [Legacy]) – Tarek Omara Geotechnical Inspector (Big Apple Group)	
<b>OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:</b>  Langan was present to observe environmental protocols in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Action Work Plan (RAWP) for Brownfield Cleanup Program (BCP) site C224328 at 326-350 Rockaway Avenue (Block 3499, Lot 25). Observed activities were as follows:  <b>Site Activities</b> <ul style="list-style-type: none"> <li>Legacy used an excavator to excavate an about 35-foot-long, 10-foot-wide, 4-foot-deep area in the northwestern (WC-01) part of the site to install soldier piles for support of excavation (SOE). Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a photoionization detector (PID). Evidence of impacts was not observed and the non-hazardous historic fill was either graded adjacent to the work area to form a temporary equipment platform or temporarily backfilled to its original location.</li> <li>Legacy used an excavator to excavate an about 20-foot-long, 20-foot-wide, 5-foot-deep area in the southwestern part of the site (WC-05) to install lagging. Excavated non-hazardous historic fill was screened for odors, staining, and organic vapors using a PID. Evidence of impacts were not observed and the historic fill was stockpiled in the central part of the site for future off-site disposal.</li> <li>Legacy used an excavator to break the pre-existing concrete slab in the northwestern part of the site. The construction and demolition (C&amp;D) debris was temporarily stockpiled in the central part of the site for future off-site disposal.</li> <li>Legacy exposed two underground storage tanks (UST) in the southwestern part of the site. The USTs (UST-3 and UST-4) measured about 5-feet-long by 3-feet-wide and appeared to be empty. A petroleum-like odor, and a maximum PID reading of 32.06 parts per million (ppm) was observed from an opening in UST-3. No odors or PID readings were observed in UST-4. Evidence of impacts were not observed in the historic fill surrounding or in contact with the USTs. The USTs were placed on and covered with polyurethane plastic sheeting pending decommissioning, cleaning and disposal.</li> </ul>			
<b>Cc:</b>	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)		<b>By:</b> Harrison Bluestone  <b>LANGAN</b>

## SITE OBSERVATION REPORT

### Material Tracking

- No material was imported to the site.
- No material was exported from the site.

Materials Export Summary			
Facility Name, Location, and Type of Material	Exported	Today	Total
<b>Bayshore Soil Management</b> <b>Keasbey, NJ</b> <b>Non-Hazardous Historic Fill</b> <b>(Approval Volume: 10,180 CY)</b>	<b>No. Loads</b>	0	<b>179</b>
	<b>Quantity (CY)</b>	0	<b>3,580</b>

### Sampling

- No samples were collected.

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			<b>LANGAN</b>

## SITE OBSERVATION REPORT

### CAMP Activities

Langan performed community air monitoring at the perimeter of the site at two locations (one downwind and one upwind), and included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOCs). Fifteen-minute average concentrations of PM10 did not exceed action levels established by the community air monitoring plan (CAMP). No fugitive dust or odors were observed leaving the site.

Particulate Monitoring (mg/m <sup>3</sup> )			Organic Vapor Monitoring (ppm)		
Daily background	0.017		Daily Background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	0.017	0.033	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	0.032	0.088	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.006	0.005	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	0.221	0.229	Maximum 1-min Instant Reading	0.0	0.0

mg/m<sup>3</sup> = milligrams per cubic meter

ppm = parts per million

NA = Not Available.

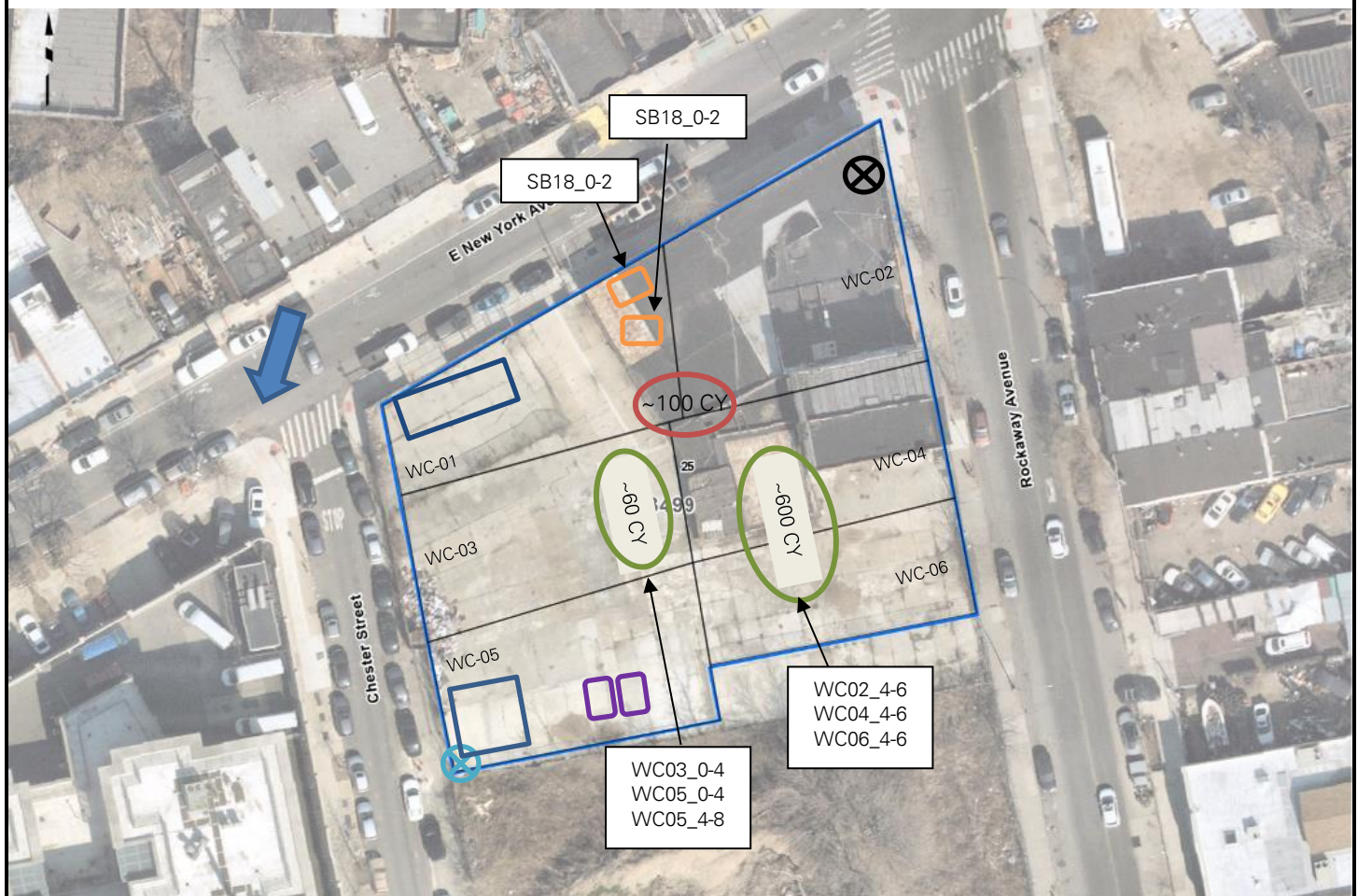
### Anticipated Activities

- Legacy will continue to break the pre-existing concrete slab for off-site disposal as C&D debris.
- Legacy will continue excavating non-hazardous historic fill to install soldier piles for SOE.
- Legacy will continue exporting non-hazardous historic fill for off-site disposal.












Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			<b>LANGAN</b>

# SITE OBSERVATION REPORT

### Figure 1: Site Map



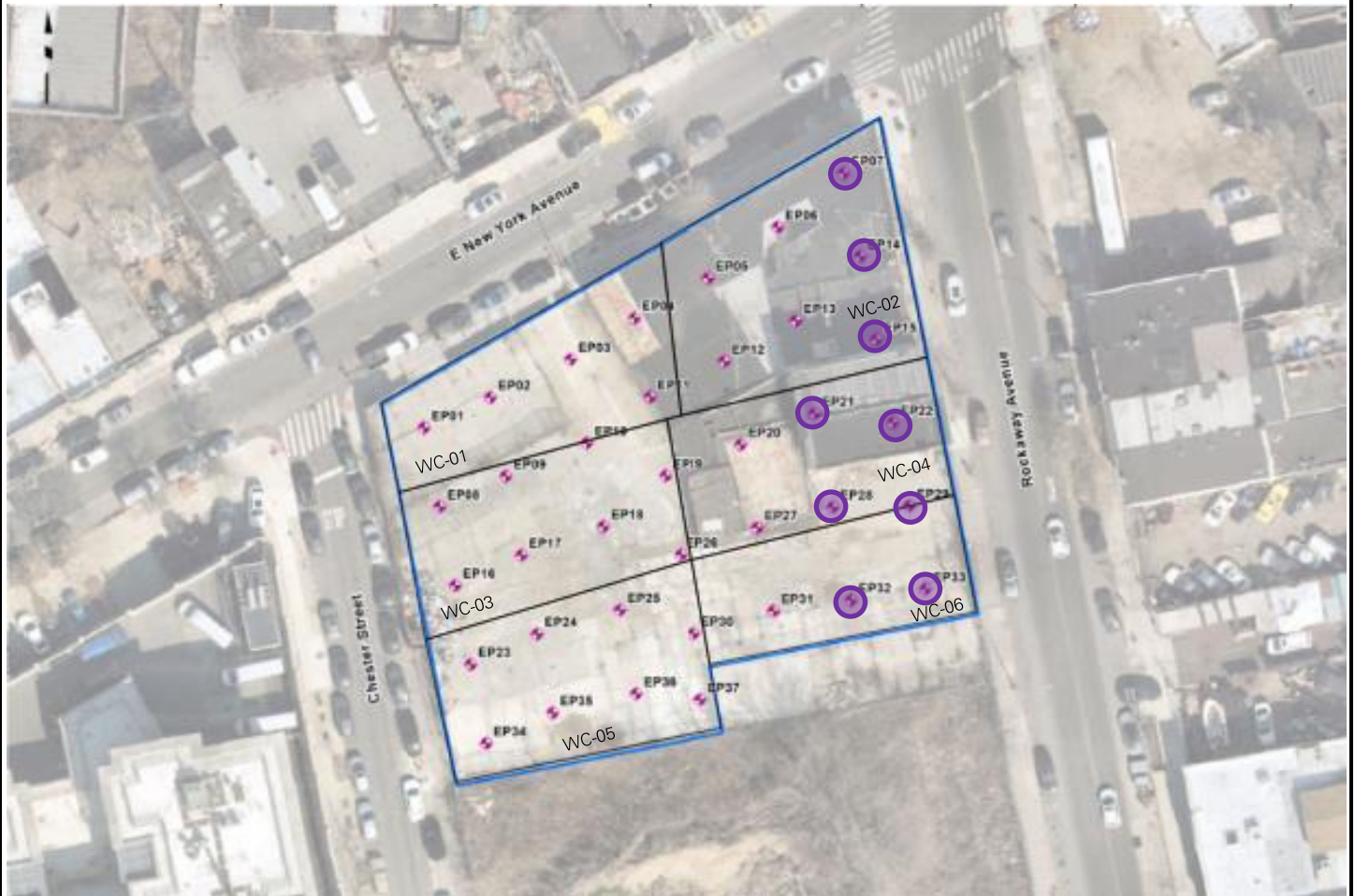
**Legend:**

- |   |  |   |                                       |
|---|--|---|---------------------------------------|
|  | Upwind CAMP Station                              |  | Wind Direction                        |
|  | Downwind CAMP Station                            |  | Approximate Work Area                 |
|  | C&D Debris Stockpile Location                    |  | Approximate Extent of Graded Area     |
|  | Approximate Excavation Area                      |  | Approximate Extent of Backfilled Area |
|  | Soil Stockpile Location                          |  | Approximate Location of UST           |
|  | Approximate Location of 20 CY Roll-Off Container |   |                                       |





Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	---	-----	-------------------------------------

## SITE OBSERVATION REPORT

**Figure 2: Documentation Sample Location Map**



**Legend:**

-  Proposed Endpoint Sample Location
-  Endpoint Sample(s) Collected Since Last Report
-  Previously Collected Endpoint Sample(s)
-  Endpoint Sample(s) Re-collected Since Last Report

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	---	-----	-------------------------------------

## SITE OBSERVATION REPORT

### SITE PHOTOGRAPHS



**Photo 1:** View of Legacy excavating along the northwestern site boundary (facing east).



**Photo 2:** View of Legacy excavating along the southwestern site boundary (facing south).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone <b>LANGAN</b>
-----	--	-----	-------------------------------------

SITE OBSERVATION REPORT

SITE PHOTOGRAPHS (CONTINUED)



**Photo 3:** View of USTs placed on and covered with polyethlyene sheeting in the southwestern part of the site (facing west).

Cc:	L. Haley, L. Esmail, K. Semon, B. Gochenaur (Langan)	By:	Harrison Bluestone
			LANGAN