

# LANGAN SITE OBSERVATION REPORT- Day 088

<b>PROJECT No.:</b> 170452203	<b>CLIENT:</b>  NYM 145 Wolcott, LLC 233 Broadway, 10 <sup>th</sup> Fl., New York, NY 10279	<b>DATE:</b> Mon., January 12, 2026
<b>PROJECT:</b> 145-165 Wolcott Street		<b>WEATHER:</b> Cloudy, 29 - 43 °F Wind: WSW @ 1.8 – 7.7 mph
<b>LOCATION:</b> Brooklyn, New York		<b>TIME:</b> 6:45 am – 5:00 pm
<b>SITE CODE:</b> C224256		<b>MONITOR:</b> Emma Bitar

<b>EQUIPMENT:</b> AQS1 Air Monitoring Station x 4 MiniRAE 3000 Photoionization Detector (PID) CAT 335F x 2 Zaxis ZX670 Zaxis 135US Hyundai HL955A Bauer BG 36 H ABI TM22 RTG RG 27S Hitachi 670 Takeuchi TB260 Terex TA9 TB260 Pneumatic Foam Unit NTC/8	<b>PRESENT AT SITE:</b> <b>Langan (Environmental):</b> Emma Bitar, Thomas Keane, Alexandra Fitzgerald <b>Urban Atelier Group (UAG)</b> <b>ECD NY Inc. (ECD):</b> Kyle McGovern
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**OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:**

Langan was present to document remediation activities in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved July 22, 2025 Remedial Action Work Plan (RAWP) at the 145-165 Wolcott Street site in Brooklyn, New York (Site No. C224256).

**Site Activities**

- ECD used a CAT 335F to excavate the following areas:
  - An about 20-foot-long by 5-feet-wide area to about 4 feet below grade surface (bgs) within the northwestern part of the site for utility installation. Excavated non-native fill was stockpiled adjacent to the excavation.
  - An about 20-foot-long by 15-feet-wide area to about 4 feet bgs within the western part of the site for source area removal. Excavated non-native fill was stockpiled adjacent to the excavation.
  - Excavated non-native fill was screened for odors, staining, and organic vapors using a PID. Excavated stockpiled non-native fill had a maximum PID reading of 37.3 parts per million (ppm).
- ECD used a Takeuchi TB260 to backfill and grade an about 20-foot-long by 20-foot-wide area in the southern part of site with previously imported clean fill.
- ECD used a Takeuchi TB260 to grade an about 40-foot-long by 30-foot-wide area in the eastern part of site.
- ECD advanced continuous flight auger (CFA) piles in the eastern part of the site.
  - Drilling spoils consisting of non-native fill and grout were screened for odors, staining, and organic vapors using a PID; a maximum PID reading of 0.0 ppm was observed.

Cc: M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By: Emma Bitar
<b>Langan Eng, Env, Surv, L.A. &amp; Geo, DPC</b>	

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- Drilling spoils were stockpiled on and covered with 8-mil polyethylene sheeting in the northwestern part of the site.
- ECD advanced three PetroFix injection points to a maximum depth of about 23 feet bgs in the northern part of the site (Area 1): Injection wells 8, 9, and 26.
- ECD started in-situ injections of PetroFix in the northern part of the site (Area 1). ECD used an MQ submersible pump (Serial No. 804633) to inject a diluted PetroFix mixture (30 to 1 ratio of Water:Petrofix) to the following 2 injection points:
  - Well 8: 115 gallons of PetroFix mixture was injected from 15 to 20 feet bgs.
  - Well 26: 5 gallons of PetroFix mixture was injected from 15 to 20 feet bgs.

## Material Tracking

- ECD imported the following material:
  - 6 loads (Approximately 108 cubic yards) of clean fill were imported from Durante Brothers Construction in Flushing, NY.
- No material was exported from the site.

• Material Export Summary – Soil								
Facility Name	Clean Earth of North Jersey							
Location	Kearny, NJ							
Material	Non-Hazardous Low pH Soil		Hazardous Lead Impacted Soil with UHCs		Hazardous Lead Impacted Soil with No UHCs		High Hazardous Lead	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
Today	-	-	-	-	-	-	-	-
Project Total	328	5,423	56	901	21	359	5	68

Notes:

1. UHC – Underlying Hazardous Constituent

Material Export Summary – Soil						
Facility Name	Clean Earth of New Castle		Conestoga Landfill		Waste Management	
Location	New Castle, DE		Morgantown, PA		Morgantown, PA	
Material	Non-Hazardous Soil		Non-Hazardous Soil		Non-Hazardous Soil	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
Today	-	-	-	-	-	-
Project Total	579	10,710	39	703	155	2,777

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Emma Bitar

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Material Export Summary - C&D						
Facility Name	PPark NJ, LLC		Bayshore Soil Management, LLC		Silva Recycling, LLC	
Location	Prospect Park, NJ		Keasbey, NJ		Newark, NJ	
Material	Asphalt, Concrete		Asphalt, Concrete		Concrete	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
Today	-	-	-	-	-	-
Project Total	119	2,380	31	645	25	880

Material Import Summary								
Facility Name	Impact Materials, LLC		Callahan & Nannini Quarry Inc.		Durante Brothers Construction		Tilcon West Nyack Quarry	
Location	Jersey City, NJ		Salisbury Mills, NY		Flushing, NY		West Nyack, NY	
Material	3/4" Recycled Clean Stone		2-4" Granite Stone		Clean Fill		ASTM No. 5 Stone	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
Today	-	-	-	-	6	108	-	-
Project Total	62	1,120	3	75	304	5,578	20	360

### Samples

- No samples were collected.

### Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the work area at one upwind and three downwind locations during intrusive work. Implementation of the Community Air Monitoring Plan (CAMP) included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOC). PM10 and VOC concentrations did not exceed the action levels established by the CAMP.
- No fugitive dust or odors associated with site activities were observed migrating from the site.

### Anticipated Activities

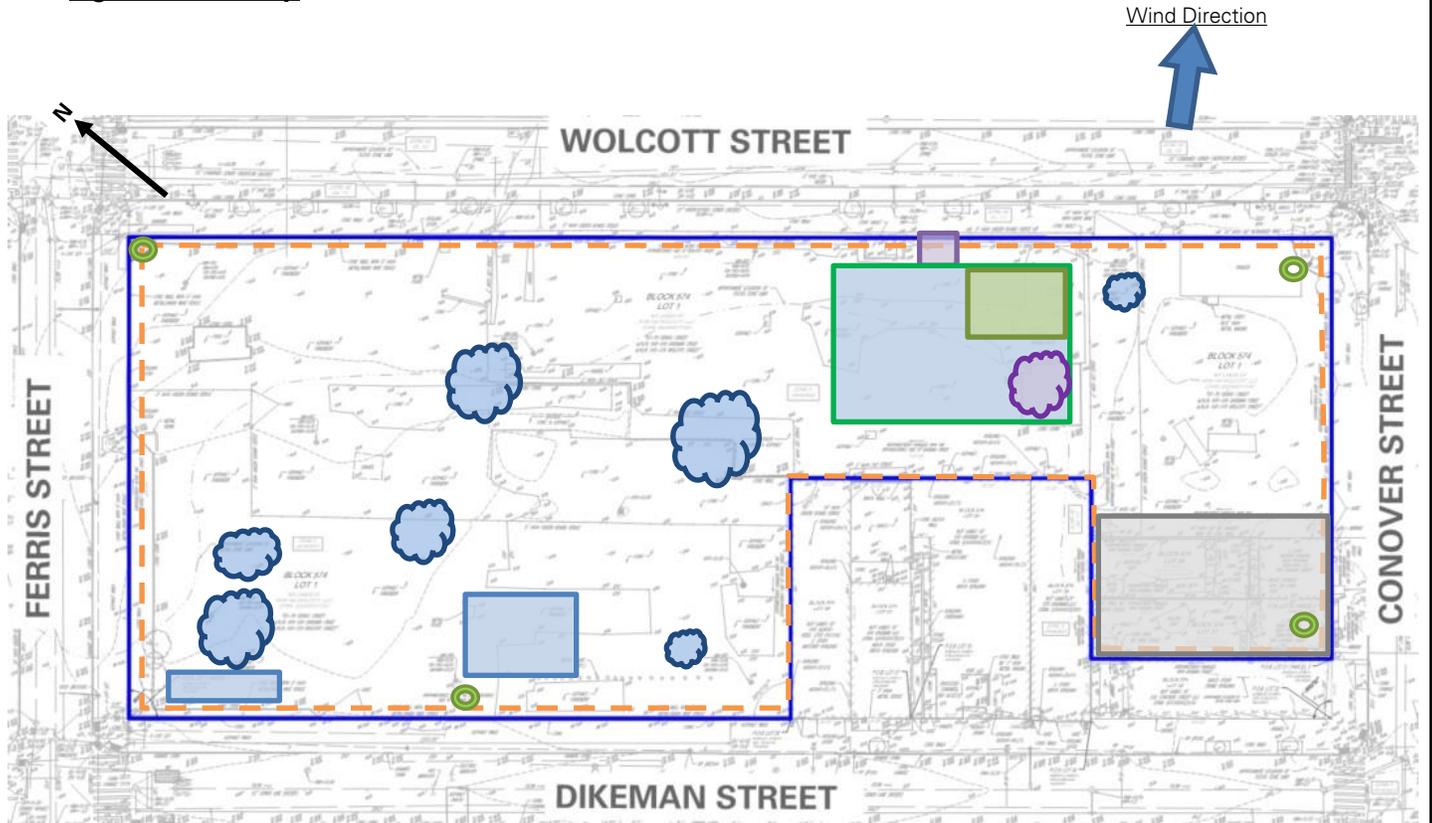
- ECD will continue in-situ PetroFix injections within Treatment Area 1 in the northern part of the site and Treatment Area 3 in the southern part of the site.
- ECD will continue advancing PetroFix injection points within Treatment Area 1 in the northern part of the site and Treatment Area 3 in the southern part of the site.
- ECD will export non-hazardous non-native fill to a facility permitted to accept the waste.
- ECD will continue excavating for pile caps and foundation framing/concrete pouring in the southern part of the site.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Emma Bitar

Langan Eng, Env, Surv, L.A. & Geo, DPC

**Figure 1: Site Map**



**Legend**

- |  |   |  |                                       |
|--|---|--|---------------------------------------|
|  | Site Boundary                                       |  | Approximate Area Excavated            |
|  | Approximate Work Area                               |  | Approximate Area Backfilled           |
|  | Approximate Location of Perimeter CAMP Station      |  | Approximate Area Graded               |
|  | Approximate Location of Installed Site Cover System |  | Approximate IDW Drum Staging Area     |
|  |   |  | Approximate C&D Stockpile             |
|  |   |  | Approximate Non-Native Fill Stockpile |
|  |   |  | Approximate Stone Stockpile           |

**Notes:**

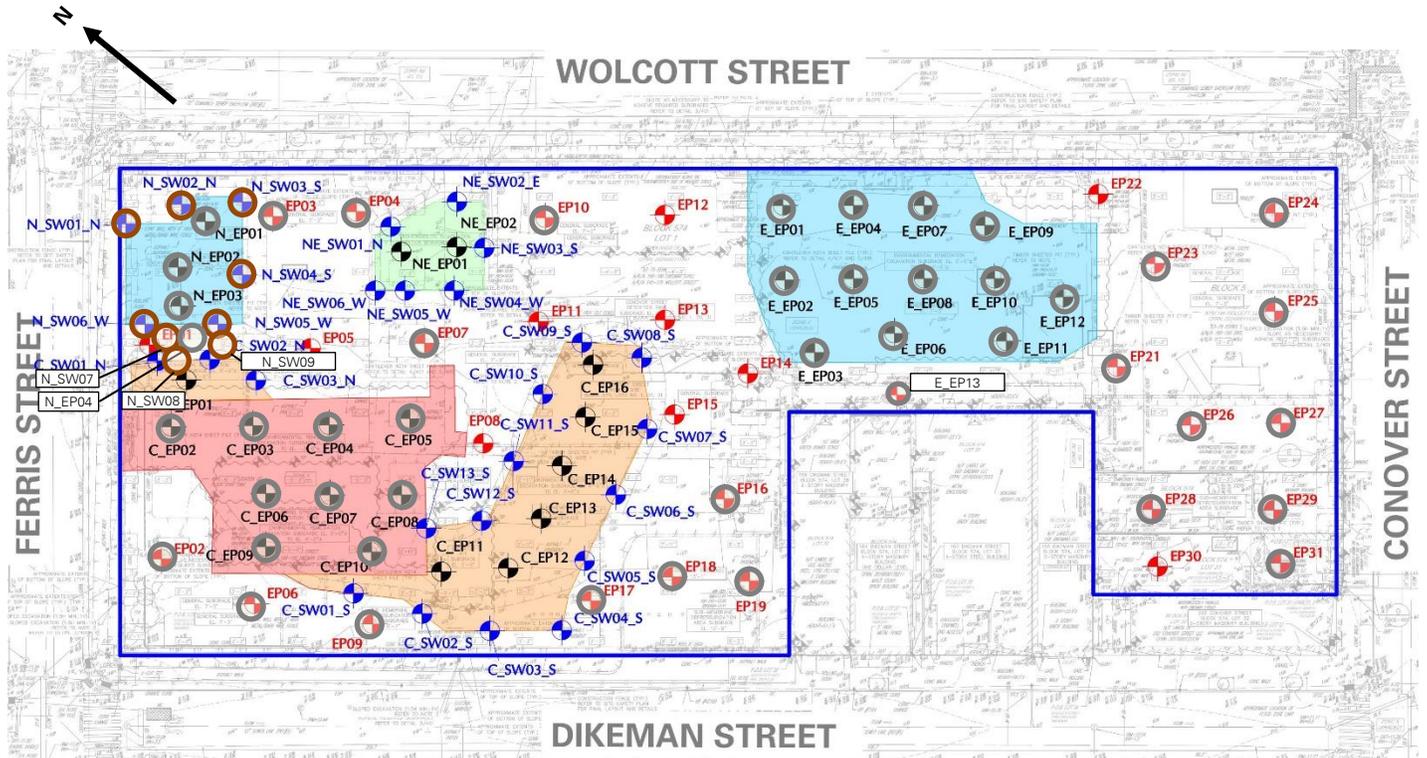
1. Basemap is referenced from 26 March 2025 ALTA/NSPS Land Title Survey prepared by Control Point Associates Inc PC.
2. IDW – Investigation-derived waste generated during the April 2025 and August 2025 supplemental waste characterizations and the January through May 2025 non-aqueous phase liquid gauging.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Emma Bitar

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

**Figure 2: Endpoint / Sidewalk Sample Location Map**



**Legend**

- Site Boundary
- Approximate Location of Documentation Endpoint Soil Sample Collected
- Approximate Location of Documentation Sidewalk Soil Sample Collected
- Approximate Location of Previously Collected Documentation Endpoint Soil Sample
- Approximate Location of Previously Collected Documentation Sidewalk Soil Sample

**Notes:**

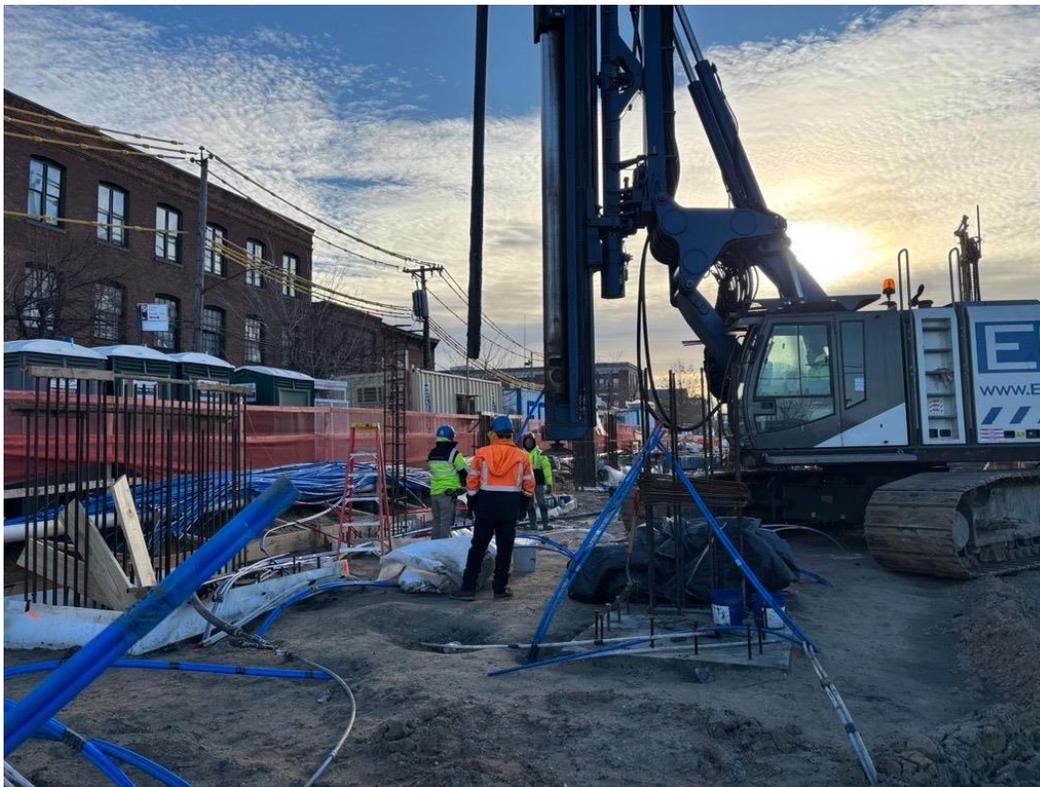
1. Basemap is referenced from 26 March 2025 ALTA/NSPS Land Title Survey prepared by Control Point Associates Inc PC.

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Langan Eng, Env, Surv, L.A. & Geo, DPC

# LANGAN SITE OBSERVATION REPORT- Day 088

## Photographs



**Photo 1:** ECD advancing a PetroFix injection point in the southern part of the site (facing southeast).



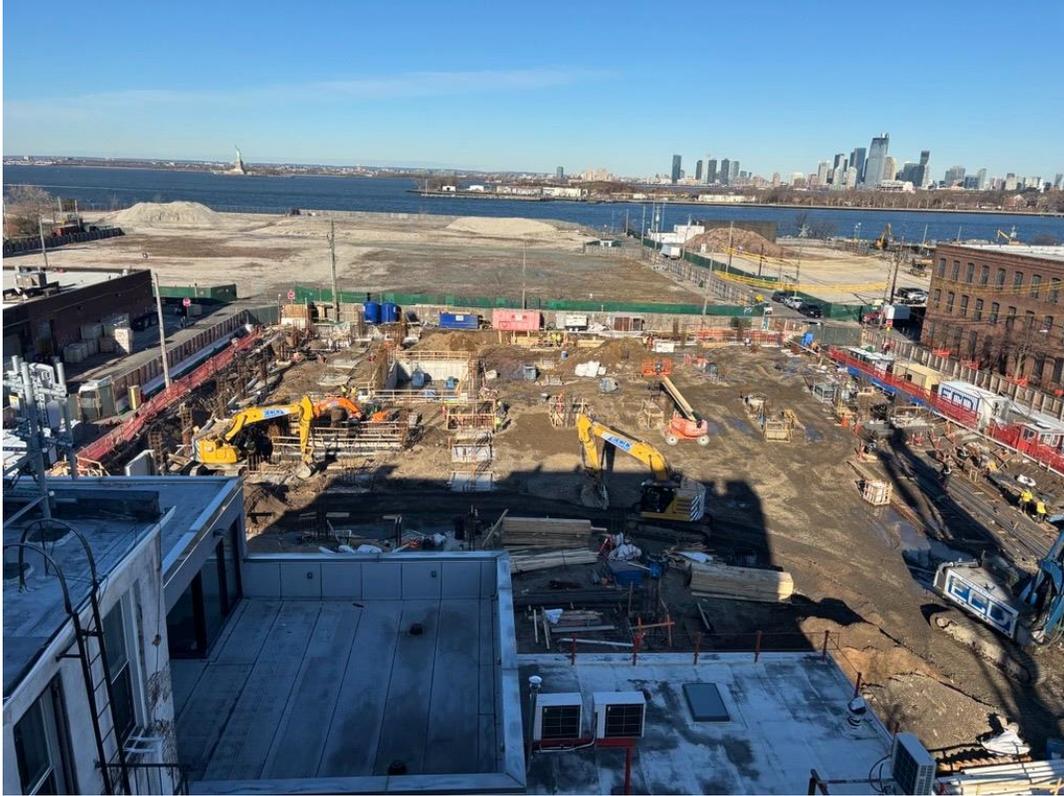
**Photo 2:** Installed PetroFix injection points in the northern part of the site (facing southwest).

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

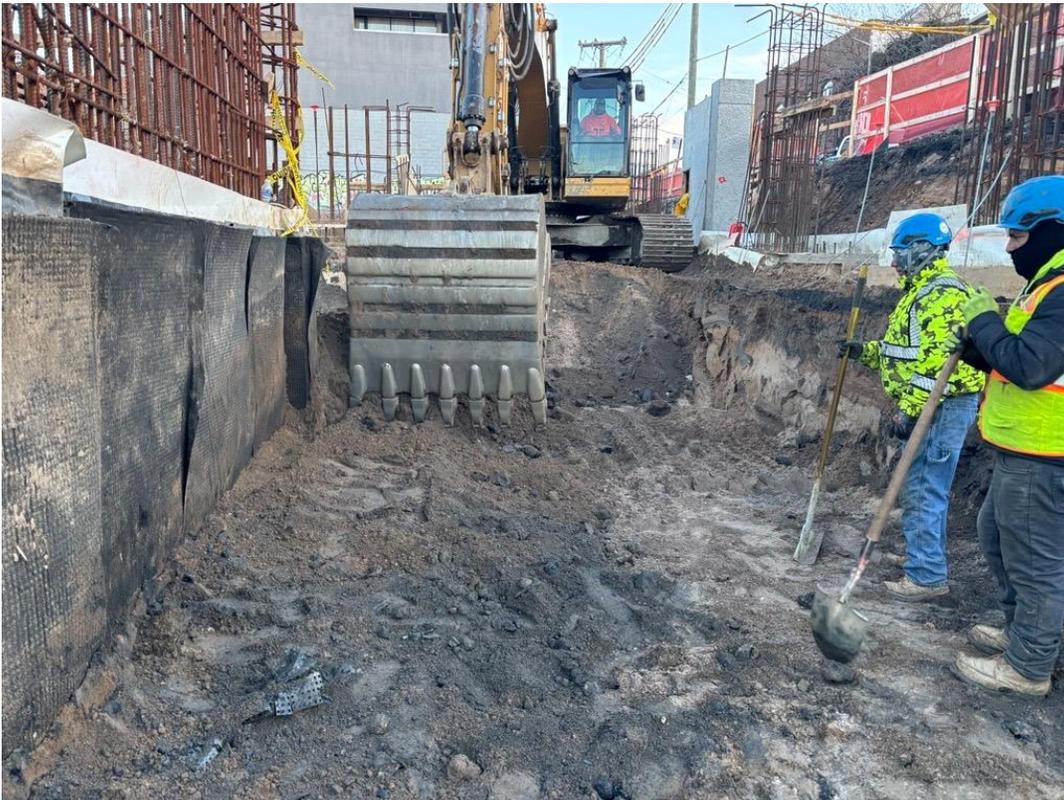
By: Emma Bitar

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# LANGAN SITE OBSERVATION REPORT- Day 088



**Photo 1:** View of the site (facing north).



**Photo 2:** ECD excavating non-native fill for source area removal in the western part of the site (facing south).

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Emma Bitar

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Contribution 6 Station 120925 Report

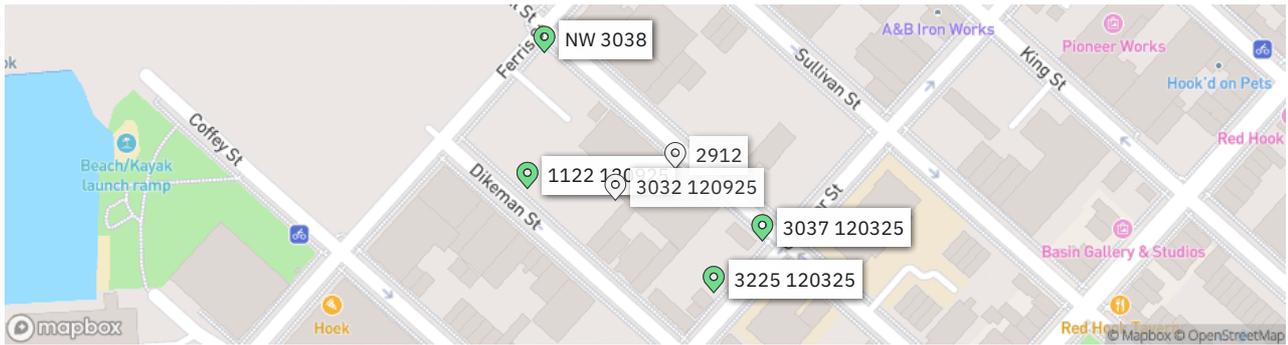
170562203 - 145 Wolcott St

Report Period

From:	01/12/2026 07:00
To:	01/12/2026 17:00
PM10 Action Level:	150 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5 ppm

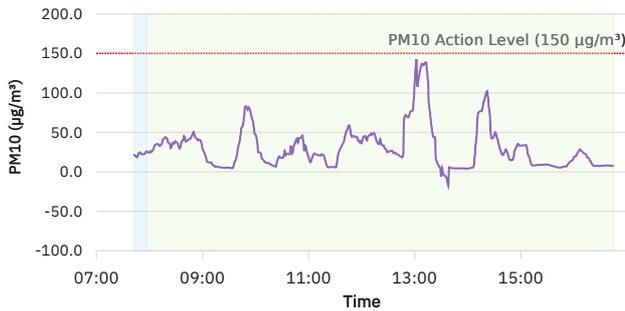
Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
01/12/2026	28.8 - 42.8	40.5 - 62.4	30.1 - 30.3	1.8 - 7.7	WSW

Daily Monitoring Summary	PM10 ( $\mu\text{g}/\text{m}^3$ )	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/12/2026	-18.0	13:38	-0.0520	15:01
Max Contribution (15 min avg.) - 1/12/2026	142.5	13:02	0.0280	12:31
Daily Avg. Contribution (15 min avg.) - 1/12/2026	30.0	-	-0.0183	-



Stopped 
  Initial Avg 
  Rolling Avg

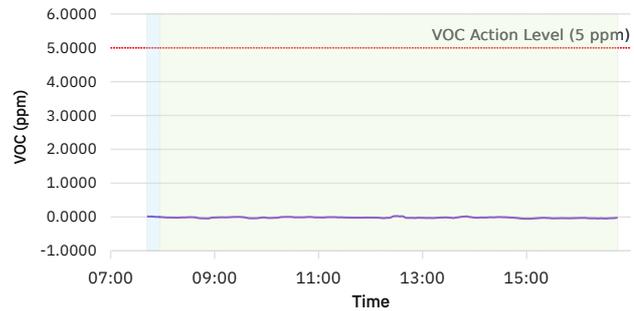
PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )



● 15 Min Rolling Avg PM10 Contribution

Stopped 
  Initial Avg 
  Rolling Avg

VOC Average Contribution (ppm)



● 15 Min Rolling Avg VOC Contribution

# LANGAN SITE OBSERVATION REPORT- Day 089

<b>PROJECT No.:</b> 170452203	<b>CLIENT:</b> NYM 145 Wolcott, LLC 233 Broadway, 10 <sup>th</sup> Fl., New York, NY 10279	<b>DATE:</b> Tue., January 13, 2026
<b>PROJECT:</b> 145-165 Wolcott Street		<b>WEATHER:</b> Cloudy, 29.5 - 50 °F Wind: SSW @ 1.0 – 7.3 mph
<b>LOCATION:</b> Brooklyn, New York		<b>TIME:</b> 6:55 am – 4:45 pm
<b>SITE CODE:</b> C224256		<b>MONITOR:</b> Alexandre Beregi

<b>EQUIPMENT:</b> AQS1 Air Monitoring Station x 4 MiniRAE 3000 Photoionization Detector (PID) CAT 335F x 2 Zaxis ZX670 Zaxis 135US Hyundai HL955A Bauer BG 36 H ABI TM22 RTG RG 27S Hitachi 670 Takeuchi TB260 Terex TA9 TB260 Pneumatic Foam Unit NTC/8	<b>PRESENT AT SITE:</b> <b>Langan (Environmental):</b> Alexandre Beregi, Emma Bitar, Thomas Keane, Alexandra Fitzgerald <b>Urban Atelier Group (UAG)</b> <b>ECD NY Inc. (ECD):</b> Kyle McGovern
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**OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:**

Langan was present to document remediation activities in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved July 22, 2025 Remedial Action Work Plan (RAWP) at the 145-165 Wolcott Street site in Brooklyn, New York (Site No. C224256).

**Site Activities**

- ECD used a CAT 335F to excavate an about 50-foot-long by 30-feet-wide area and an about 20-foot-long by 20-foot-wide area to about 4 feet below grade surface (bgs) in the western part of the site for source removal.
  - Excavated non-native fill was live loaded into tri-axle trucks for offsite disposal.
  - Non-native fill in the bottom of the excavation was screened for odors, staining, and organic vapors using a PID; a maximum PID reading of 163.3 parts per million (ppm) was observed.
- ECD used a Doosan Dx80R to excavate an about 40-foot-long by 15-foot-wide area in the northwestern part of the site for utility installation.
  - Excavated material was stockpiled adjacent to excavation area.
  - Stockpiled non-native fill was screened for odors, staining, and organic vapors using a PID; a maximum PID reading of 1.2 ppm was observed
- ECD used a CAT335F to grade an about 60-foot-long by 40-foot-wide area in the central part of the site.
- ECD advanced continuous flight auger (CFA) piles in the eastern part of the site.
  - Drilling spoils consisting of non-native fill and grout were screened for odors, staining, and organic vapors using a PID; a maximum PID reading of 0.3 ppm was observed.

Cc: M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By: Alexandre Beregi
<b>Langan Eng, Env, Surv, L.A. &amp; Geo, DPC</b>	

# LANGAN SITE OBSERVATION REPORT- Day 089

- Drilling spoils were stockpiled in the central part of the site.
- ECD continued in-situ injections of PetroFix in the northern part of the site (Area 1). ECD used an MQ submersible pump (Serial No. 804633) to inject a diluted PetroFix mixture (30 to 1 ratio of Water:Petrofix) to the following 14 injection points:
  - Well 27: 20 gallons (gal) of PetroFix mixture was injected from 7 to 12 feet bgs.
  - Well 45: 5 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 63: 5 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
  - Well 61: 5 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 25: 30 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 7: 180 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 23: 5 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 41: 5 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 59: 5 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 57: 5 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 55: 50 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
  - Well 21: 5 gallons of PetroFix mixture was injected from 7 to 12 feet bgs.
  - Well 3: 5 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 21: 5 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.

## **Material Tracking**

- No material was imported to the site.
- ECD exported the following material:
  - 20 loads (approximately 360 cubic yards of non-native fill were exported to the Clean Earth of New Castle facility in Newcastle, DE.

Material Export Summary – Soil								
Facility Name	Clean Earth of North Jersey							
Location	Kearny, NJ							
Material	Non-Hazardous Low pH Soil		Hazardous Lead Impacted Soil with UHCs		Hazardous Lead Impacted Soil with No UHCs		High Hazardous Lead	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	-	-	-	-	-	-	-	-
<b>Project Total</b>	<b>328</b>	<b>5,423</b>	<b>56</b>	<b>901</b>	<b>21</b>	<b>359</b>	<b>5</b>	<b>68</b>

Notes:

1. UHC – Underlying Hazardous Constituent

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

Material Export Summary – Soil						
Facility Name	Clean Earth of New Castle		Conestoga Landfill		Waste Management	
Location	New Castle, DE		Morgantown, PA		Morgantown, PA	
Material	Non-Hazardous Soil		Non-Hazardous Soil		Non-Hazardous Soil	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	20	360	-	-	-	-
<b>Project Total</b>	<b>599</b>	<b>11,070</b>	<b>39</b>	<b>703</b>	<b>155</b>	<b>2,777</b>

Material Export Summary – C&D						
Facility Name	PPark NJ, LLC		Bayshore Soil Management, LLC		Silva Recycling, LLC	
Location	Prospect Park, NJ		Keasbey, NJ		Newark, NJ	
Material	Asphalt, Concrete		Asphalt, Concrete		Concrete	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	-	-	-	-	-	-
<b>Project Total</b>	<b>119</b>	<b>2,380</b>	<b>31</b>	<b>645</b>	<b>25</b>	<b>880</b>

Material Import Summary								
Facility Name	Impact Materials, LLC		Callahan & Nannini Quarry Inc.		Durante Brothers Construction		Tilcon West Nyack Quarry	
Location	Jersey City, NJ		Salisbury Mills, NY		Flushing, NY		West Nyack, NY	
Material	3/4" Recycled Clean Stone		2-4" Granite Stone		Clean Fill		ASTM No. 5 Stone	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	-	-	-	-	-	-	-	-
<b>Project Total</b>	<b>62</b>	<b>1,120</b>	<b>3</b>	<b>75</b>	<b>304</b>	<b>5,578</b>	<b>20</b>	<b>360</b>

### Samples

- No samples were collected.

### Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the work area at one upwind and three downwind locations during intrusive work. Implementation of the Community Air Monitoring Plan (CAMP) included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and volatile organic compounds (VOC). VOC concentrations did not exceed the action levels established by the community air monitoring plan.
- PM10 exceeded the 15-minute time-weighted-average (TWA) site contribution action level of 150 micrograms per cubic meter (µg/m³) for 14 minutes from 7:56 to 8:10 am. The exceedance was attributed to backfilling and grading of 2 to 4-inch clean stone as part of the trucking entrance in the central part of the site and was mitigated by ECD applying water as means of dust suppression.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

# **LANGAN** SITE OBSERVATION REPORT– Day 089

- No fugitive dust or odors associated with site activities were observed migrating from the site.

## **Anticipated Activities**

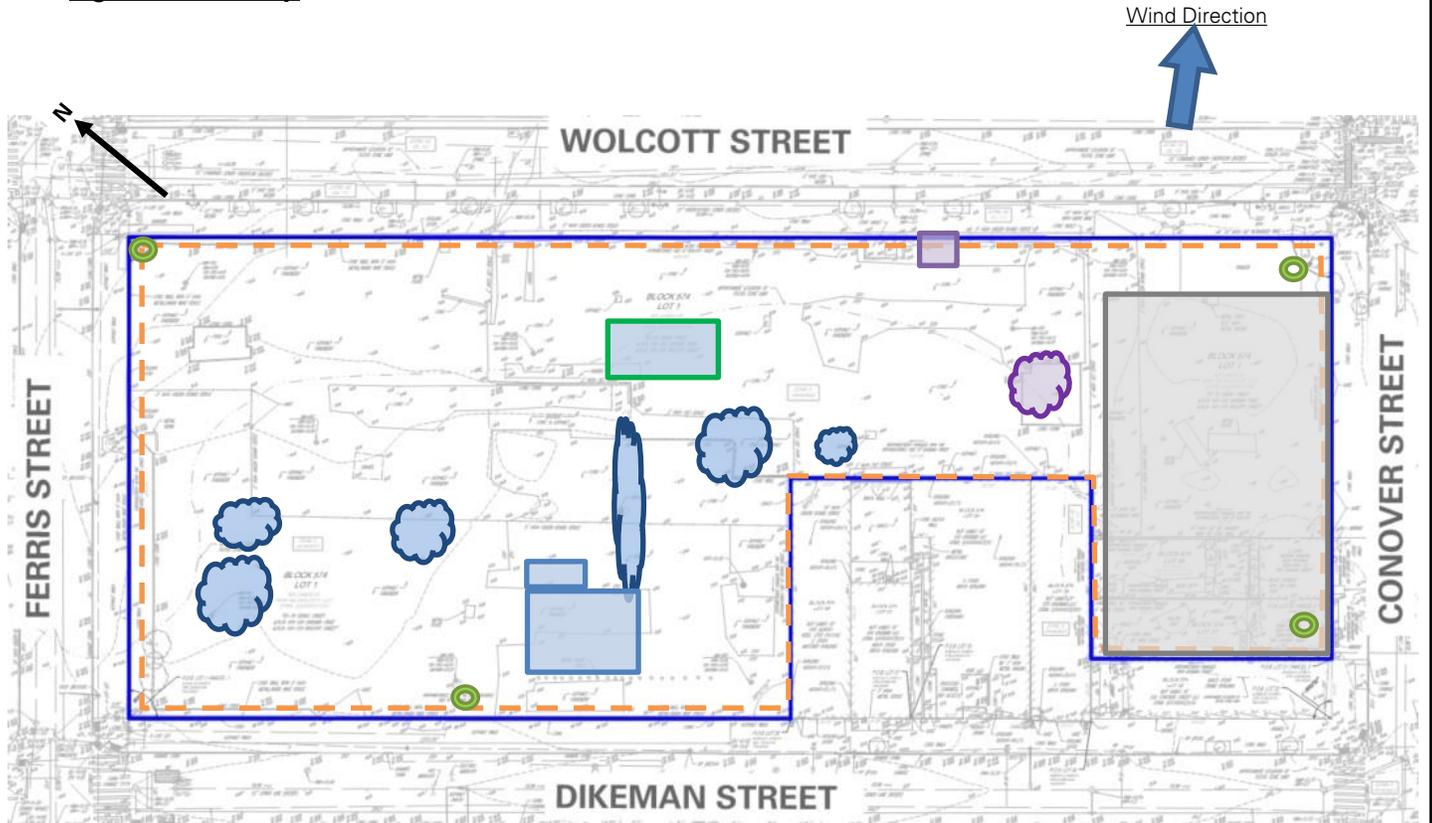
- ECD will continue in-situ PetroFix injections within Treatment Area 1 in the northern part of the site and Treatment Area 3 in the southern part of the site.
- ECD will continue advancing PetroFix injection points within Treatment Area 1 in the northern part of the site and Treatment Area 3 in the southern part of the site.
- ECD will export non-hazardous non-native fill to a facility permitted to accept the waste.
- ECD will continue excavating for pile caps and foundation framing/concrete pouring in the southern part of the site.

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N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

**Figure 1: Site Map**



**Legend**

	Site Boundary		Approximate Area Excavated
	Approximate Work Area		Approximate Area Graded
	Approximate Location of Perimeter CAMP Station		Approximate IDW Drum Staging Area
	Approximate Location of Installed Site Cover System		Approximate C&D Stockpile
			Approximate Non-Native Fill Stockpile
			Approximate Stone Stockpile

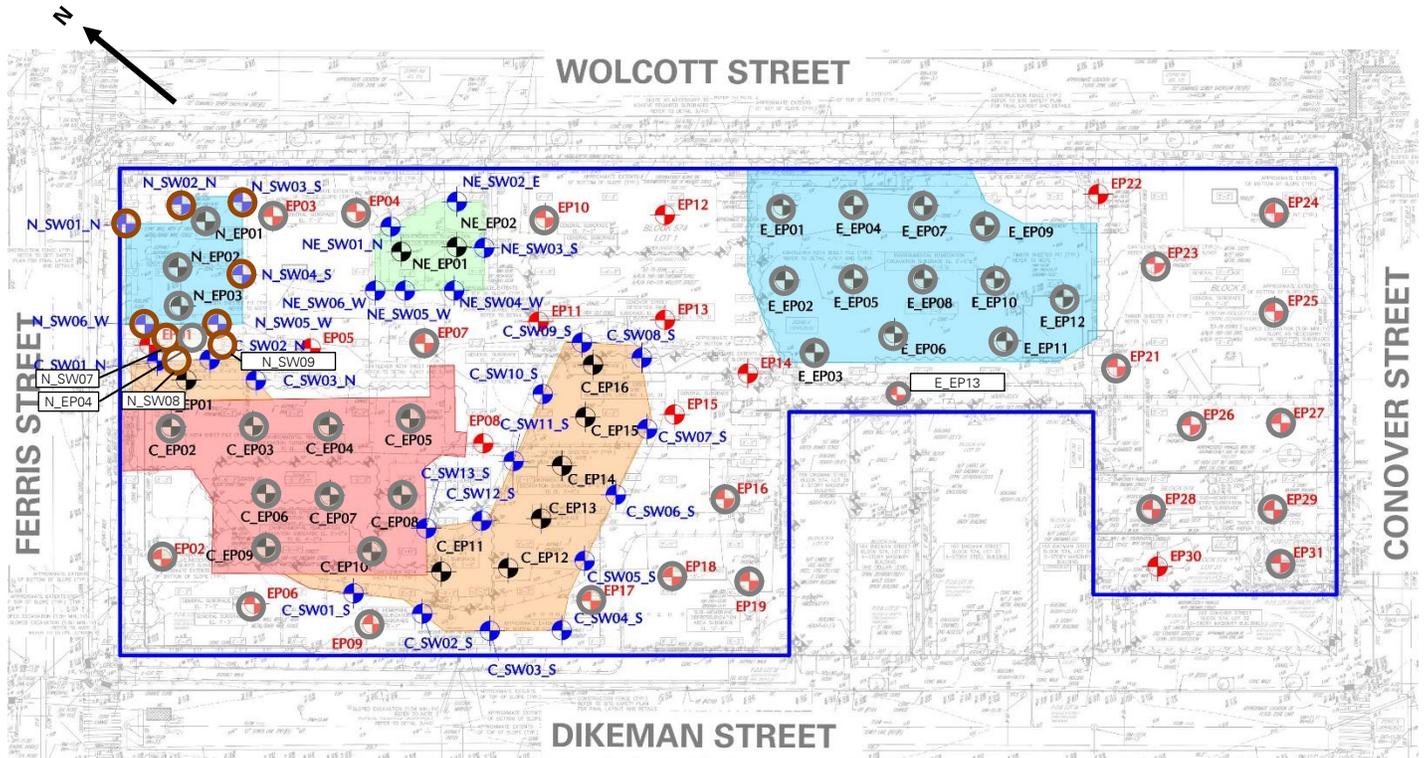
**Notes:**

1. Basemap is referenced from 26 March 2025 ALTA/NSPS Land Title Survey prepared by Control Point Associates Inc PC.
2. IDW – Investigation-derived waste generated during the April 2025 and August 2025 supplemental waste characterizations and the January through May 2025 non-aqueous phase liquid gauging.

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N. Palumbo, L. Grose

By: Alexandre Beregi  
**Langan Eng, Env, Surv, L.A. & Geo, DPC**

**Figure 2: Endpoint / Sidewalk Sample Location Map**



**Legend**

- Site Boundary
- Approximate Location of Documentation Endpoint Soil Sample Collected
- Approximate Location of Documentation Sidewalk Soil Sample Collected
- Approximate Location of Previously Collected Documentation Endpoint Soil Sample
- Approximate Location of Previously Collected Documentation Sidewalk Soil Sample

**Notes:**

1. Basemap is referenced from 26 March 2025 ALTA/NSPS Land Title Survey prepared by Control Point Associates Inc PC.

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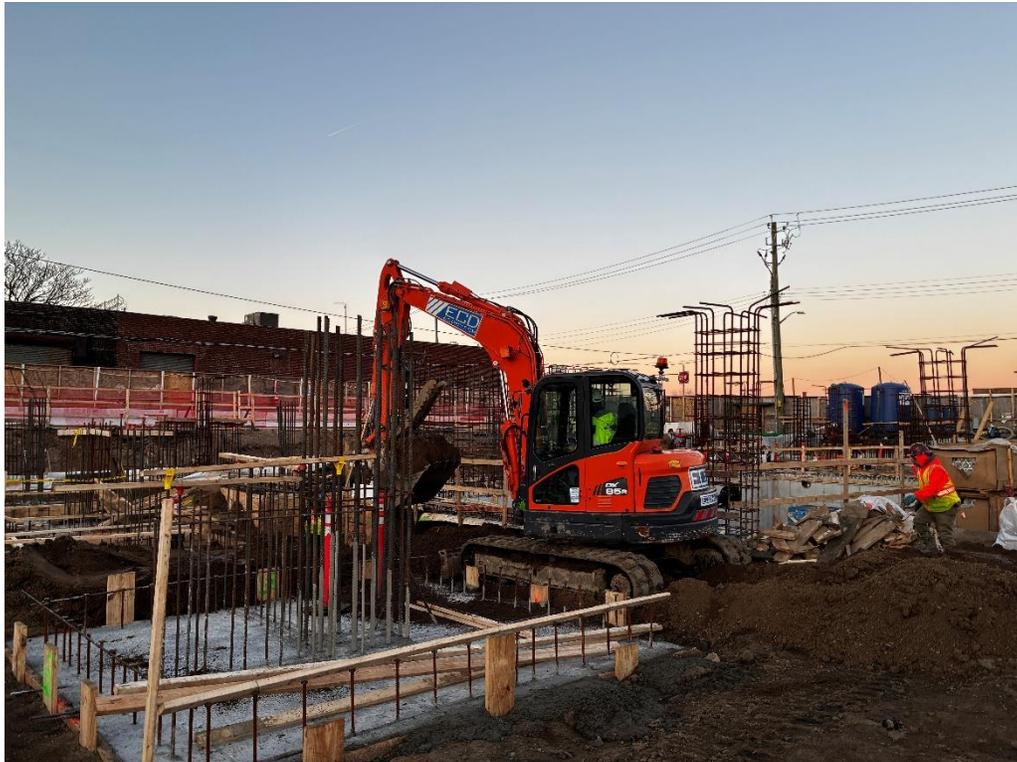
By: Alexandre Beregi  
**Langan Eng, Env, Surv, L.A. & Geo, DPC**

# LANGAN SITE OBSERVATION REPORT- Day 089

## Photographs



**Photo 1:** ECD loading triaxle truck with non-native fill for offsite disposal (facing south)



**Photo 2:** ECD excavating in the northwestern part of the site (facing west)

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi  
Langan Eng, Env, Surv, L.A. & Geo, DPC



**Photo 3:** ECD grading in the central part of the site (facing southwest)

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

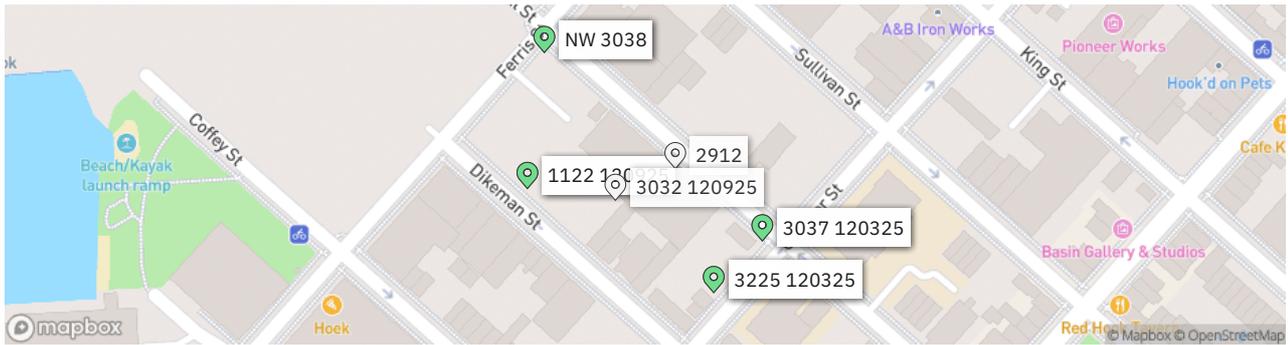
By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

<h1>LANGAN</h1>	Contribution 6 Station 120925 Report	170562203 - 145 Wolcott St	
		Report Period	
		From:	01/13/2026 07:00
		To:	01/13/2026 17:00
		PM10 Action Level:	150 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5 ppm		

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
01/13/2026	29.5 - 50.0	37.0 - 69.6	29.9 - 30.2	1.0 - 7.3	SSW

Daily Monitoring Summary	PM10 ( $\mu\text{g}/\text{m}^3$ )	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/13/2026	-2.8	15:00	-0.0367	12:01
Max Contribution (15 min avg.) - 1/13/2026	187.5	08:02	0.0413	14:14
Daily Avg. Contribution (15 min avg.) - 1/13/2026	21.1	-	-0.0033	-

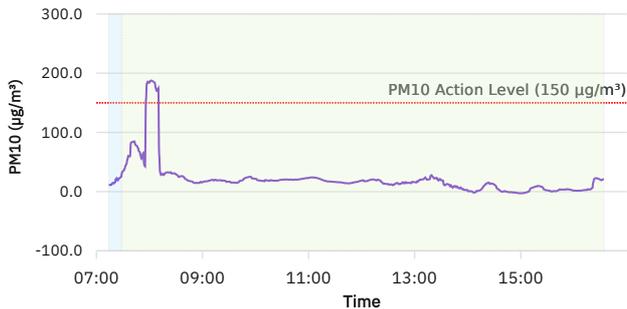


Stopped  
 Initial Avg  
 Rolling Avg

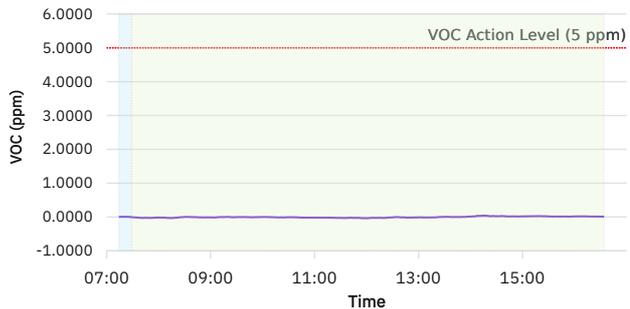
PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )

Stopped  
 Initial Avg  
 Rolling Avg

VOC Average Contribution (ppm)



● 15 Min Rolling Avg PM10 Contribution



● 15 Min Rolling Avg VOC Contribution

# LANGAN SITE OBSERVATION REPORT- Day 090

<b>PROJECT No.:</b> 170452203	<b>CLIENT:</b>  NYM 145 Wolcott, LLC 233 Broadway, 10 <sup>th</sup> Fl., New York, NY 10279	<b>DATE:</b> Wed., January 14, 2026
<b>PROJECT:</b> 145-165 Wolcott Street		<b>WEATHER:</b> Cloudy, 40 – 41 °F Wind: S @ 0.5 – 5.2 mph
<b>LOCATION:</b> Brooklyn, New York		<b>TIME:</b> 6:55 am – 5:05 pm
<b>SITE CODE:</b> C224256		<b>MONITOR:</b> Alexandre Beregi

<b>EQUIPMENT:</b> AQS1 Air Monitoring Station x 4 MiniRAE 3000 Photoionization Detector (PID) CAT 335F x 2 Zaxis ZX670 Zaxis 135US Hyundai HL955A Bauer BG 36 H ABI TM22 RTG RG 27S Hitachi 670 Takeuchi TB260 Terex TA9 TB260 Pneumatic Foam Unit NTC/8	<b>PRESENT AT SITE:</b> <b>Langan (Environmental):</b> Alexandre Beregi, Thomas Keane, Alexandra Fitzgerald <b>Urban Atelier Group (UAG)</b> <b>ECD NY Inc. (ECD):</b> Kyle McGovern
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**OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:**

Langan was present to document remediation activities in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved July 22, 2025 Remedial Action Work Plan (RAWP) at the 145-165 Wolcott Street site in Brooklyn, New York (Site No. C224256).

**Site Activities**

- ECD used a CAT 335F to excavate an about 25-foot-long by 20-foot-wide area to about 9 feet below grade surface (bgs) in the western part of the site for source removal.
  - Excavated non-native fill was live loaded into tri-axle trucks for off-site disposal.
- ECD used a CAT 335F to load stockpiled soil in the central part of the site into tri-axle trucks for off-site disposal.
- ECD used a CAT 335F to excavate an about 6-foot-long by 6-foot-wide test pit to about 14 feet bgs and an about 8-foot-long by 8-foot-wide test pit to about 17 feet bgs in the western part of the site for waste characterization purposes.
  - Excavated non-native fill was stockpiled on and covered with 8-mil polyethylene sheeting in the western part of the site.
- ECD used a CAT 335F to backfill an about 55-foot-long by 20-foot-wide area in the central eastern part of the site.
  - Backfill material consisted of imported 2- to 4-inch granite stone.
- ECD advanced continuous flight auger (CFA) piles in the eastern part of the site.

Cc: M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By: Alexandre Beregi
<b>Langan Eng, Env, Surv, L.A. &amp; Geo, DPC</b>	

# LANGAN SITE OBSERVATION REPORT- Day 090

- Drilling spoils consisting of non-native fill and grout were screened for odors, staining, and organic vapors using a PID; a maximum PID reading of 0.0 parts per million was observed.
- Drilling spoils were stockpiled in the central part of the site.
- ECD continued in-situ injections of PetroFix in the northern part of the site (Area 1). ECD used an MQ submersible pump (Serial No. 804633) to inject a diluted PetroFix mixture (30 to 1 ratio of Water:Petrofix) to the following 26 injection points:
  - Well 16: 25 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 30: 185 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
  - Well 46: 5 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 48: 5 gallons of PetroFix mixture was injected from 7 to 12 feet bgs.
  - Well 50: 25 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 54: 70 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
  - Well 32: 30 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 4: 10 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
  - Well 12: 5 gallons of PetroFix mixture was injected from 7 to 12 feet bgs.
  - Well 14: 5 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
  - Well 20: 25 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 2: 50 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 26: 25 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
  - Well 44: 15 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
  - Well 42: 10 gallons of PetroFix mixture was injected from 7 to 12 feet bgs.
  - Well 40: 5 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 38: 25 gallons of PetroFix mixture was injected from 7 to 12 feet bgs.
  - Well 58: 10 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 30: 10 gallons of PetroFix mixture was injected from 7 to 12 feet bgs.
  - Well 6: 5 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
  - Well 27: 5 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 21: 5 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 41: 5 gallons of PetroFix mixture was injected from 7 to 12 feet bgs.
  - Well 43: 100 gallons of PetroFix mixture was injected from 7 to 12 feet bgs.
  - Well 63: 30 gallons of PetroFix mixture was injected from 7 to 12 feet bgs.
  - Well 45: 5 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.

## **Material Tracking**

- ECD imported the following material:
  - 1 load (approximately 25 cubic yards) of 2- to 4-inch granite stone was imported from the Callahan & Nannini Quarry facility in Salisbury Mills, NY.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

# LANGAN SITE OBSERVATION REPORT- Day 090

- ECD exported the following material:
  - 20 loads (approximately 360 cubic yards) of non-native fill were exported to the Clean Earth facility in Newcastle, DE.

Material Export Summary – Soil								
Facility Name	Clean Earth of North Jersey							
Location	Kearny, NJ							
Material	Non-Hazardous Low pH Soil		Hazardous Lead Impacted Soil with UHCs		Hazardous Lead Impacted Soil with No UHCs		High Hazardous Lead	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	-	-	-	-	-	-	-	-
<b>Project Total</b>	<b>328</b>	<b>5,423</b>	<b>56</b>	<b>901</b>	<b>21</b>	<b>359</b>	<b>5</b>	<b>68</b>

Notes:

- UHC – Underlying Hazardous Constituent

Material Export Summary – Soil						
Facility Name	Clean Earth of New Castle		Conestoga Landfill		Waste Management	
Location	New Castle, DE		Morgantown, PA		Morgantown, PA	
Material	Non-Hazardous Soil		Non-Hazardous Soil		Non-Hazardous Soil	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	20	360	-	-	-	-
<b>Project Total</b>	<b>619</b>	<b>11,430</b>	<b>39</b>	<b>703</b>	<b>155</b>	<b>2,777</b>

Material Export Summary – C&D						
Facility Name	PPark NJ, LLC		Bayshore Soil Management, LLC		Silva Recycling, LLC	
Location	Prospect Park, NJ		Keasbey, NJ		Newark, NJ	
Material	Asphalt, Concrete		Asphalt, Concrete		Concrete	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	-	-	-	-	-	-
<b>Project Total</b>	<b>119</b>	<b>2,380</b>	<b>31</b>	<b>645</b>	<b>25</b>	<b>880</b>

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

Langan Eng, Env, Surv, L.A. & Geo, DPC

# LANGAN SITE OBSERVATION REPORT– Day 090

Material Import Summary								
Facility Name Location	Impact Materials, LLC Jersey City, NJ		Callahan & Nannini Quarry Inc. Salisbury Mills, NY		Durante Brothers Construction Flushing, NY		Tilcon West Nyack Quarry West Nyack, NY	
Material	3/4" Recycled Clean Stone		2-4" Granite Stone		Clean Fill		ASTM No. 5 Stone	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
Today	-	-	1	25	-	-	-	-
Project Total	62	1,240	4	100	157	2,810	15	270

## Samples

- Langan collected one waste characterization soil sample from 9 to 14 feet bgs in the western part of the site. Langan collected the following:
  - One grab soil sample for laboratory analysis of total volatile solids and Toxicity Characteristic Leaching Procedure (TCLP) volatile organic compounds (VOC)
  - One composite soil sample for laboratory analysis of semivolatile organic compounds (SVOC); polychlorinated biphenyls; pesticides; herbicides; total metals (including hexavalent and trivalent chromium); total cyanide, boron, and tin; TCLP SVOCs, pesticides, and herbicides; TCLP Resource Conservation and Recovery Act (RCRA) 8 metals (plus copper, nickel, zinc, and beryllium); RCRA characteristics; total petroleum hydrocarbons diesel range organics; and total organic halides; and sulfate.
- Samples were relinquished to York Analytical Laboratories, an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

## Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the work area at one upwind and three downwind locations during intrusive work. Implementation of the Community Air Monitoring Plan (CAMP) included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. VOC concentrations did not exceed the action levels established by the community air monitoring plan.
- PM10 concentrations exceeded the 15-minute time-weighted-average site contribution action level of 150 micrograms per cubic meter (µg/m<sup>3</sup>) for 3 minutes from 9:16 to 9:19 am, 61 minutes from 10:28 to 11:29 am, 30 minutes from 11:47 am to 12:17 pm, and 7 minutes from 12:30 to 12:37 pm. Ground-intrusive work was not observed in the vicinity of the CAMP station and the reported concentrations were a result of equipment malfunction. Langan coordinated maintenance and recalibration to the CAMP station in the southern part of the site.
- No fugitive dust or odors associated with site activities were observed migrating from the site.

## Anticipated Activities

- ECD will continue in-situ PetroFix injections within Treatment Area 1 in the northern part of the site and Treatment Area 3 in the southern part of the site.
- ECD will continue advancing PetroFix injection points within Treatment Area 1 in the northern part of the site and Treatment Area 3 in the southern part of the site.
- ECD will export non-hazardous non-native fill to a facility permitted to accept the waste.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

Langan Eng, Env, Surv, L.A. & Geo, DPC

# **LANGAN** SITE OBSERVATION REPORT- Day 090

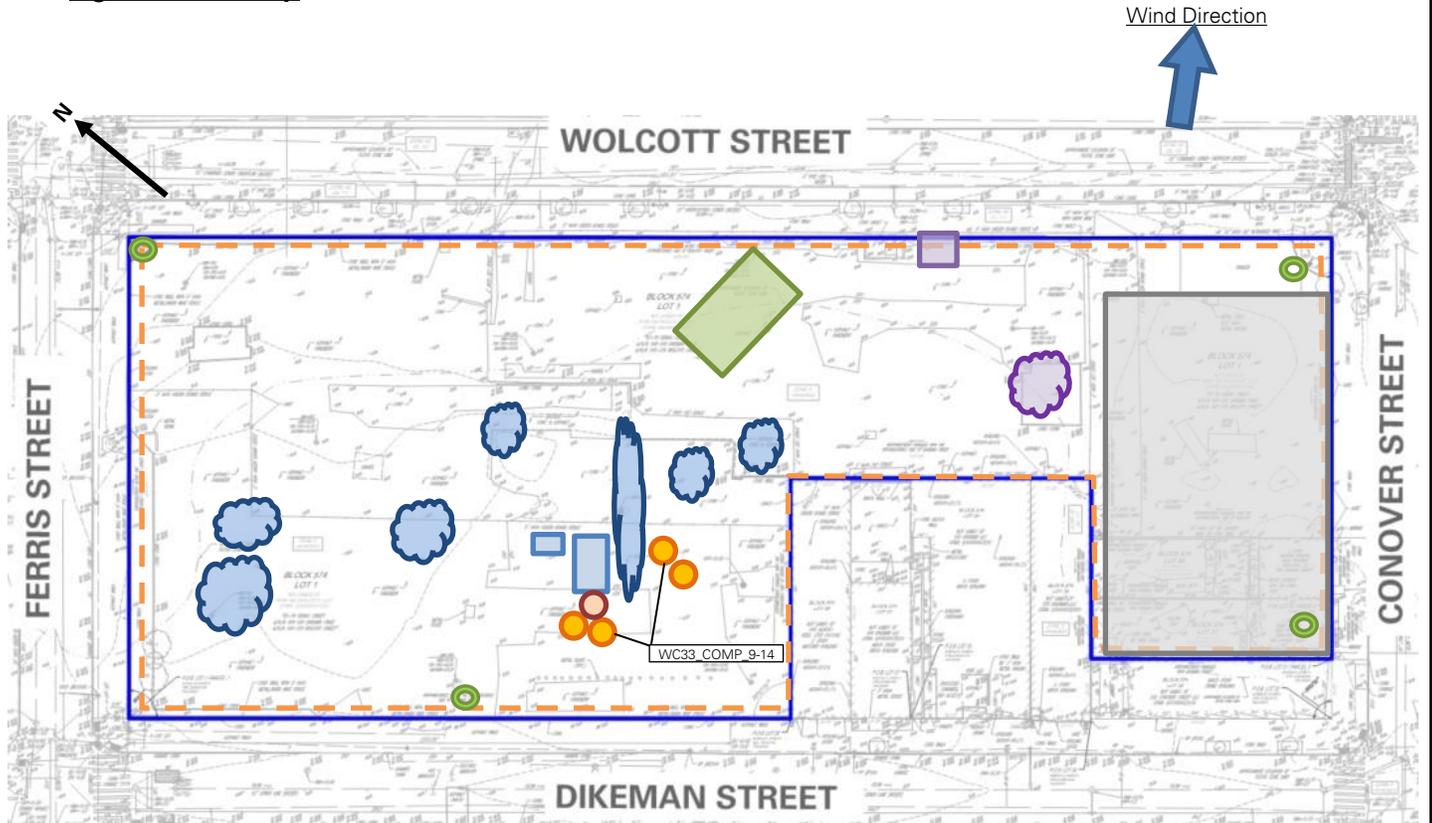
- ECD will continue excavating for pile caps and foundation framing/concrete pouring in the southern part of the site.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

**Figure 1: Site Map**



**Legend**

	Site Boundary		Approximate Area Excavated
	Approximate Work Area		Approximate Area Backfilled
	Approximate Location of Perimeter CAMP Station		Approximate Area Graded
	Approximate Location of Installed Site Cover System		Approximate IDW Drum Staging Area
	Approximate Waste Characterization Composite Soil Sample		Approximate C&D Stockpile
	Approximate Waste Characterization Grab Soil Sample		Approximate Non-Native Fill Stockpile
			Approximate Stone Stockpile

**Notes:**

1. Basemap is referenced from 26 March 2025 ALTA/NSPS Land Title Survey prepared by Control Point Associates Inc PC.
2. IDW – Investigation-derived waste generated during the April 2025 and August 2025 supplemental waste characterizations and the January through May 2025 non-aqueous phase liquid gauging.

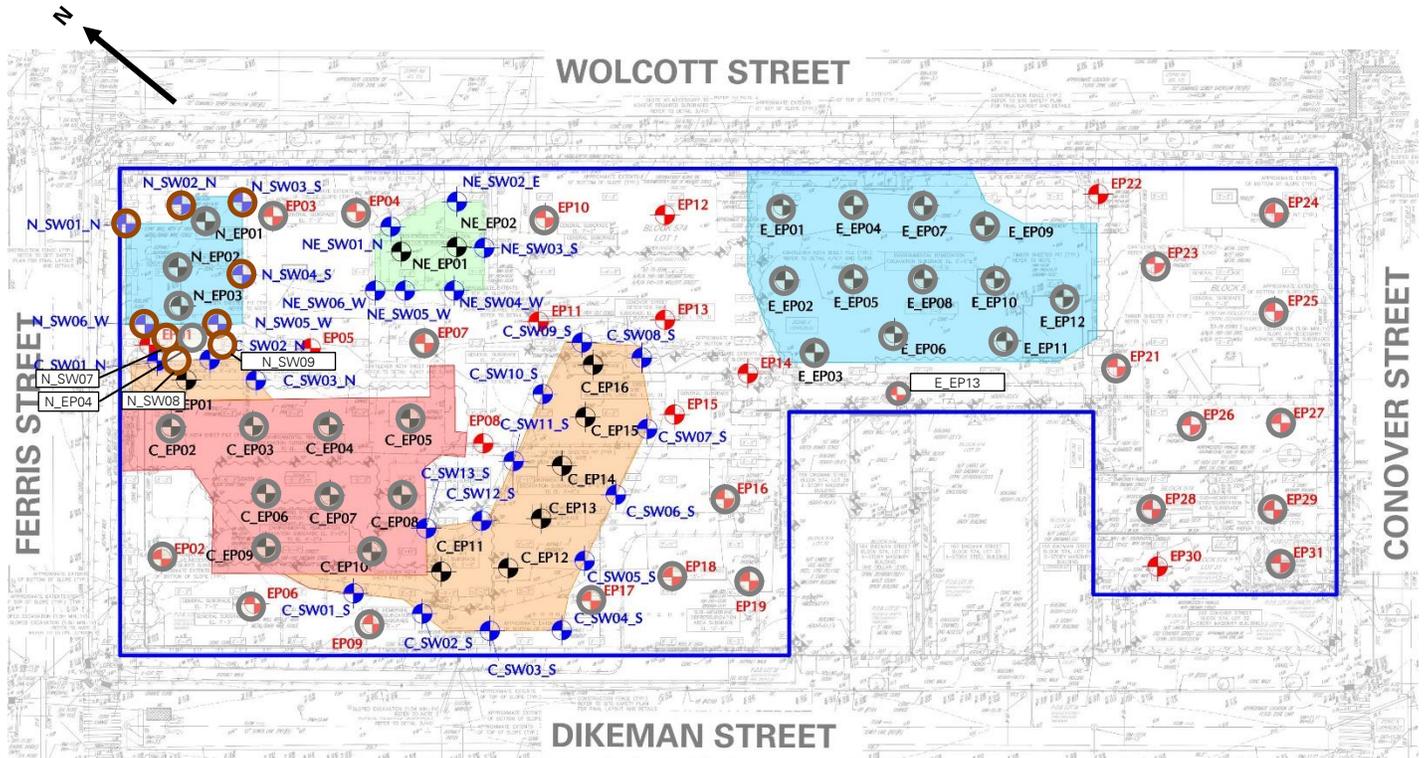
Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

# LANGAN SITE OBSERVATION REPORT- Day 090

**Figure 2: Endpoint / Sidewalk Sample Location Map**



**Legend**

- Site Boundary
- Approximate Location of Documentation Endpoint Soil Sample Collected
- Approximate Location of Documentation Sidewalk Soil Sample Collected
- Approximate Location of Previously Collected Documentation Endpoint Soil Sample
- Approximate Location of Previously Collected Documentation Sidewalk Soil Sample

**Notes:**

1. Basemap is referenced from 26 March 2025 ALTA/NSPS Land Title Survey prepared by Control Point Associates Inc PC.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

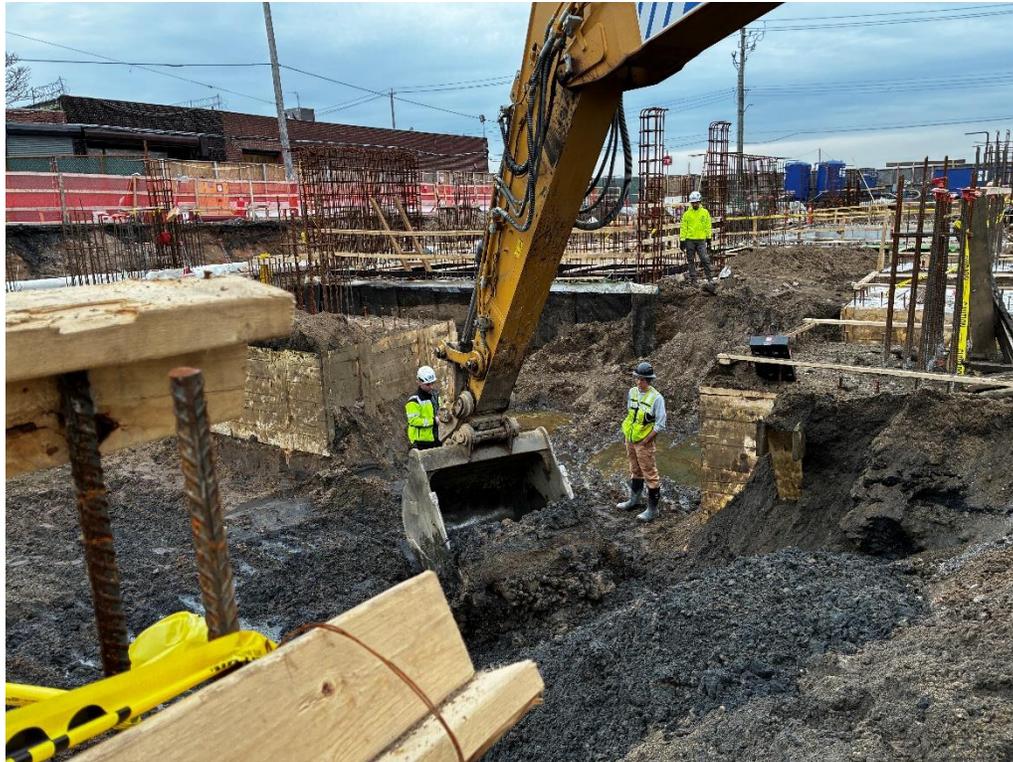
By: Alexandre Beregi  
**Langan Eng, Env, Surv, L.A. & Geo, DPC**

# LANGAN SITE OBSERVATION REPORT- Day 090

## Photographs



**Photo 1:** ECD loading tri-axle truck with non-native fill for off-site disposal (facing west)



**Photo 2:** ECD advancing a test pit in the western part of the site (facing west)

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi  
**Langan Eng, Env, Surv, L.A. & Geo, DPC**



**Photo 3:** ECD using excavator to backfill with imported granite stone in the central part of the site (facing west)

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi  
**Langan Eng, Env, Surv, L.A. & Geo, DPC**



Contribution 6 Station 120925 Report

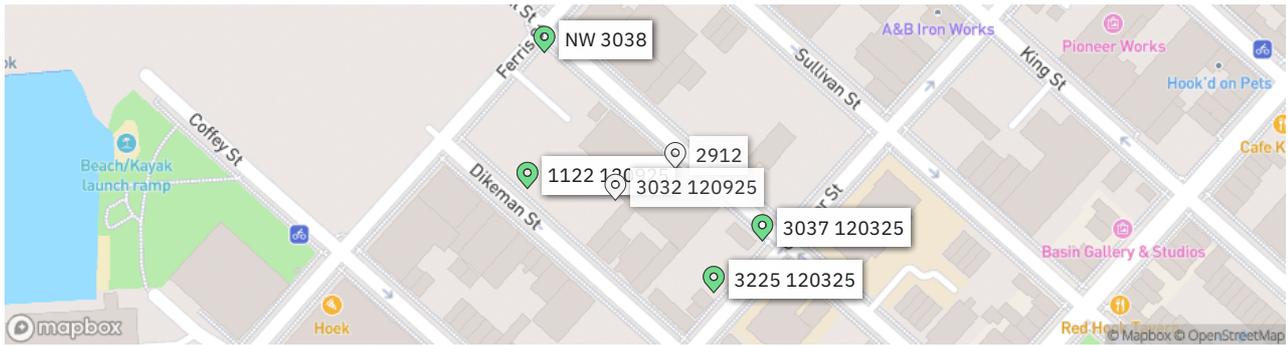
170562203 - 145 Wolcott St

Report Period

From:	01/14/2026 07:00
To:	01/14/2026 17:00
PM10 Action Level:	150 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5 ppm

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
01/14/2026	39.6 - 50.9	43.2 - 63.1	29.6 - 29.7	0.5 - 5.2	S

Daily Monitoring Summary	PM10 ( $\mu\text{g}/\text{m}^3$ )	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/14/2026	-13.0	14:16	-0.0187	09:03
Max Contribution (15 min avg.) - 1/14/2026	441.1	11:02	0.4000	12:32
Daily Avg. Contribution (15 min avg.) - 1/14/2026	70.4	-	0.0433	-

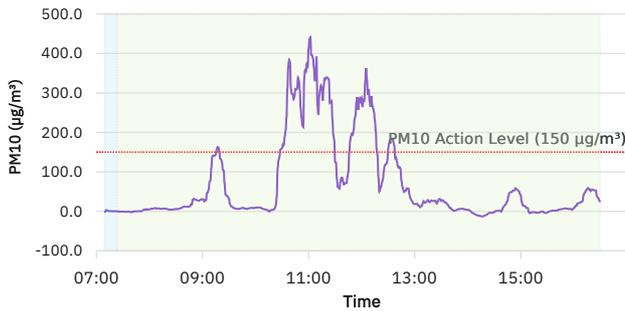


Stopped 
  Initial Avg 
  Rolling Avg

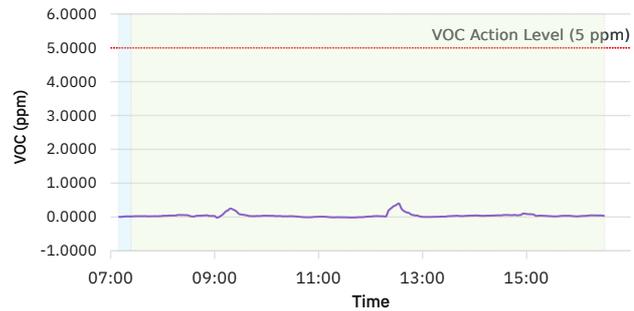
PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )

Stopped 
  Initial Avg 
  Rolling Avg

VOC Average Contribution (ppm)



● 15 Min Rolling Avg PM10 Contribution



● 15 Min Rolling Avg VOC Contribution

# LANGAN SITE OBSERVATION REPORT- Day 091

<b>PROJECT No.:</b> 170452203	<b>CLIENT:</b> NYM 145 Wolcott, LLC 233 Broadway, 10 <sup>th</sup> Fl., New York, NY 10279	<b>DATE:</b> Thu., January 15, 2026
<b>PROJECT:</b> 145-165 Wolcott Street		<b>WEATHER:</b> Cloudy, 29 – 41 °F Wind: W @ 1.9 – 9.9 mph
<b>LOCATION:</b> Brooklyn, New York		<b>TIME:</b> 6:45 am – 6:00 pm
<b>SITE CODE:</b> C224256		<b>MONITOR:</b> Alexandre Beregi

<b>EQUIPMENT:</b> AQS1 Air Monitoring Station x 4 MiniRAE 3000 Photoionization Detector (PID) CAT 335F x 2 Zaxis ZX670 Zaxis 135US Hyundai HL955A Bauer BG 36 H ABI TM22 RTG RG 27S Hitachi 670 Takeuchi TB260 Terex TA9 TB260 Pneumatic Foam Unit NTC/8	<b>PRESENT AT SITE:</b> <b>Langan (Environmental):</b> Alexandre Beregi, Thomas Keane, Emma Bitar <b>Urban Atelier Group (UAG)</b> <b>ECD NY Inc. (ECD):</b> Kyle McGovern
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**OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:**

Langan was present to document remediation activities in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved July 22, 2025 Remedial Action Work Plan (RAWP) at the 145-165 Wolcott Street site in Brooklyn, New York (Site No. C224256).

**Site Activities**

- ECD used a CAT 335F to excavate an about 55-foot-long by 40-foot-wide area to about 9 feet below grade surface (bgs) in the western part of the site for source removal.
  - Excavated non-native fill was live loaded into tri-axle trucks for off-site disposal.
- ECD used a CAT 335F to load stockpiled soil in the central part of the site into tri-axle trucks for off-site disposal.
- ECD advanced continuous flight auger (CFA) piles in the central part of the site.
  - Drilling spoils consisting of non-native fill and grout were screened for odors, staining, and organic vapors using a PID; a maximum PID reading of 0.0 parts per million was observed.
  - Drilling spoils were stockpiled in the central part of the site.
- ECD continued in-situ injections of PetroFix in the northern part of the site (Area 1). ECD used an MQ submersible pump (Serial No. 804633) to inject a diluted PetroFix mixture (30 to 1 ratio of Water:Petrofix) to the following 8 injection points:
  - Well 9: 50 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
  - Well 27: 20 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.

Cc: M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By: Alexandre Beregi
<b>Langan Eng, Env, Surv, L.A. &amp; Geo, DPC</b>	

# LANGAN SITE OBSERVATION REPORT- Day 091

- o Well 53: 5 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
- o Well 35: 25 gallons of PetroFix mixture was injected from 12 to 17 feet bgs.
- o Well 17: 10 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
- o Well 5: 25 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
- o Well 15: 10 gallons of PetroFix mixture was injected from 17 to 22 feet bgs.
- o Well 47: 10 gallons of PetroFix mixture was injected from 12 to 17 feet bgs

## Material Tracking

- No material was imported to the site.
- ECD exported the following material:
  - o 20 loads (approximately 360 cubic yards) of non-native fill were exported to the Clean Earth facility in Newcastle, DE.
  - o 10 loads (approximately 180 cubic yards) of non-hazardous non-native fill were exported to the Waste Management facility in Morgantown, PA.

Material Export Summary – Soil								
Facility Name	Clean Earth of North Jersey							
Location	Kearny, NJ							
Material	Non-Hazardous Low pH Soil		Hazardous Lead Impacted Soil with UHCs		Hazardous Lead Impacted Soil with No UHCs		High Hazardous Lead	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	-	-	-	-	-	-	-	-
<b>Project Total</b>	<b>328</b>	<b>5,423</b>	<b>56</b>	<b>901</b>	<b>21</b>	<b>359</b>	<b>5</b>	<b>68</b>

Notes:

1. UHC – Underlying Hazardous Constituent

Material Export Summary – Soil						
Facility Name	Clean Earth of New Castle		Conestoga Landfill		Waste Management	
Location	New Castle, DE		Morgantown, PA		Morgantown, PA	
Material	Non-Hazardous Soil		Non-Hazardous Soil		Non-Hazardous Soil	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	20	360	-	-	10	180
<b>Project Total</b>	<b>639</b>	<b>11,790</b>	<b>39</b>	<b>703</b>	<b>165</b>	<b>2,957</b>

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

Material Export Summary - C&D						
Facility Name	PPark NJ, LLC		Bayshore Soil Management, LLC		Silva Recycling, LLC	
Location	Prospect Park, NJ		Keasbey, NJ		Newark, NJ	
Material	Asphalt, Concrete		Asphalt, Concrete		Concrete	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
Today	-	-	-	-	-	-
Project Total	<b>119</b>	<b>2,380</b>	<b>31</b>	<b>645</b>	<b>25</b>	<b>880</b>

Material Import Summary								
Facility Name	Impact Materials, LLC		Callahan & Nannini Quarry Inc.		Durante Brothers Construction		Tilcon West Nyack Quarry	
Location	Jersey City, NJ		Salisbury Mills, NY		Flushing, NY		West Nyack, NY	
Material	3/4" Recycled Clean Stone		2-4" Granite Stone		Clean Fill		ASTM No. 5 Stone	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
Today	-	-	-	-	-	-	-	-
Project Total	<b>62</b>	<b>1,240</b>	<b>4</b>	<b>100</b>	<b>157</b>	<b>2,810</b>	<b>15</b>	<b>270</b>

### Samples

- Langan collected one documentation endpoint soil sample (C\_EP12\_EL\_3.0), and 5 documentation sidewall soil samples (C\_SW01\_S\_EL\_5.0, C\_SW02\_S\_EL\_5.0, C\_SW03\_S\_EL\_5.0, C\_SW04\_S\_EL\_5.0 and C\_SW05\_S\_EL\_5.0) from the southern part of the site (plus quality assurance/quality control samples) and 2 drum waste characterization samples (DS02\_COMP\_011526, DS02\_GRAB\_011526). Langan collected the following:
  - Three grab soil samples for laboratory analysis of target compound list and NSYDEC Part 375 volatile organic compounds (VOC) and semivolatile organic compounds (SVOC) (including 1,4-dioxane), pesticides, herbicides, polychlorinated biphenyls (PCB), target analyte list metals (including hexavalent and trivalent chromium), total cyanide, and per- and polyfluoroalkyl substances.
  - One grab soil sample for laboratory analysis of total volatile solids and Toxicity Characteristic Leaching Procedure (TCLP) volatile organic compounds (VOC), ethylene glycol, methanol, methylene chloride, cumene, and methyl isobutyl ketone.
  - One composite soil sample for laboratory analysis of SVOCs; PCBs; pesticides; herbicides; total metals (including hexavalent and trivalent chromium); total cyanide, boron, and tin; TCLP SVOCs, pesticides, and herbicides; TCLP Resource Conservation and Recovery Act (RCRA) 8 metals (plus copper, nickel, zinc, and beryllium); RCRA characteristics; total petroleum hydrocarbons diesel range organics; and total organic halides; sulfur; and sulfate.
- Samples will be relinquished to York Analytical Laboratories, an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols on 1/16/2026.

### Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the work area at one upwind and three downwind locations during intrusive work. Implementation of the Community Air Monitoring Plan (CAMP) included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

# **LANGAN** SITE OBSERVATION REPORT– Day 091

PM10 and VOC concentrations did not exceed the action levels established by the community air monitoring plan.

- No fugitive dust or odors associated with site activities were observed migrating from the site.

## **Anticipated Activities**

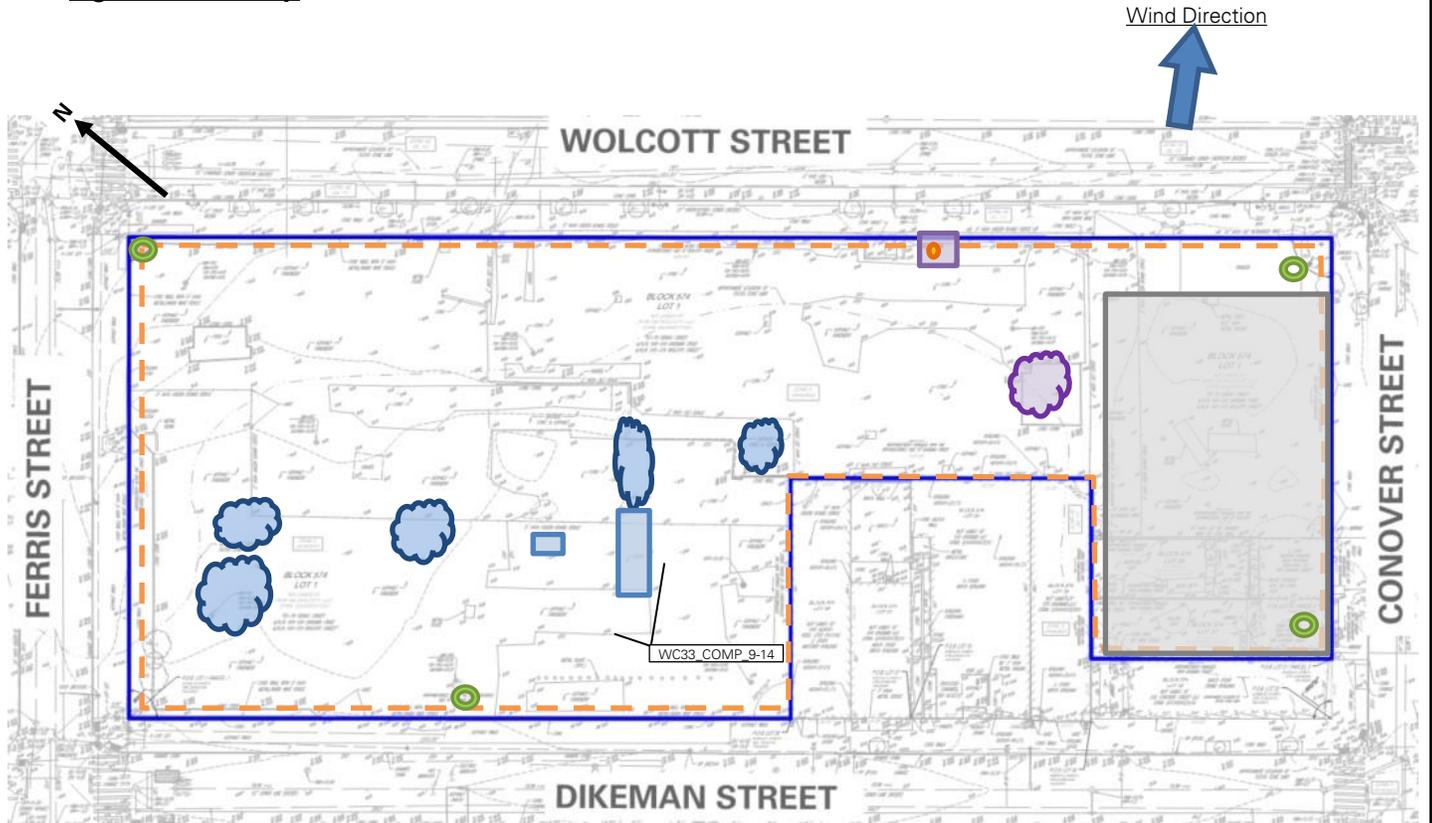
- ECD will continue in-situ PetroFix injections within Treatment Area 1 in the northern part of the site and Treatment Area 3 in the southern part of the site.
- ECD will continue advancing PetroFix injection points within Treatment Area 1 in the northern part of the site and Treatment Area 3 in the southern part of the site.
- ECD will export non-hazardous non-native fill to a facility permitted to accept the waste.
- ECD will continue excavating for pile caps and foundation framing/concrete pouring in the southern part of the site.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

**Figure 1: Site Map**



**Legend**

	Site Boundary		Approximate Area Excavated
	Approximate Work Area		Approximate Area Backfilled
	Approximate Location of Perimeter CAMP Station		Approximate Area Graded
	Approximate Location of Installed Site Cover System		Approximate IDW Drum Staging Area
	Approximate Dump Sample Area		Approximate C&D Stockpile
			Approximate Non-Native Fill Stockpile
			Approximate Stone Stockpile

**Notes:**

1. Basemap is referenced from 26 March 2025 ALTA/NSPS Land Title Survey prepared by Control Point Associates Inc PC.
2. IDW – Investigation-derived waste generated during the April 2025 and August 2025 supplemental waste characterizations and the January through May 2025 non-aqueous phase liquid gauging.

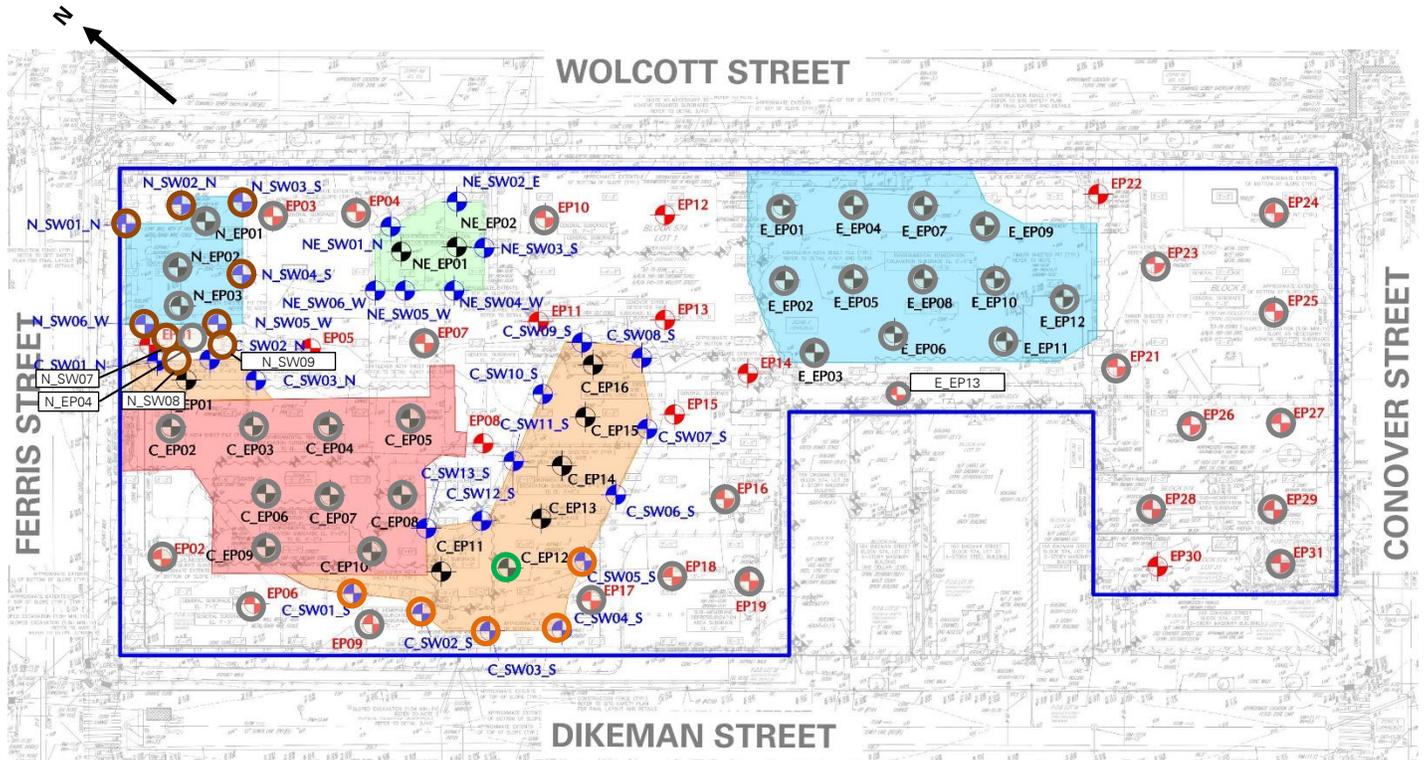
Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

# LANGAN SITE OBSERVATION REPORT- Day 091

**Figure 2: Endpoint / Sidewalk Sample Location Map**



**Legend**

- Site Boundary
- Approximate Location of Documentation Endpoint Soil Sample Collected
- Approximate Location of Documentation Sidewalk Soil Sample Collected
- Approximate Location of Previously Collected Documentation Endpoint Soil Sample
- Approximate Location of Previously Collected Documentation Sidewalk Soil Sample

**Notes:**

1. Basemap is referenced from 26 March 2025 ALTA/NSPS Land Title Survey prepared by Control Point Associates Inc PC.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi  
Langan Eng, Env, Surv, L.A. & Geo, DPC

# LANGAN SITE OBSERVATION REPORT- Day 091

## Photographs



**Photo 1:** ECD loading tri-axle truck with non-native fill for off-site disposal (facing south)



**Photo 2:** ECD applying odor suppressant in the western part of the site (facing south)

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi  
Langan Eng, Env, Surv, L.A. & Geo, DPC

# LANGAN SITE OBSERVATION REPORT- Day 091



**Photo 3:** ECD excavating non-native fill in the western part of the site (facing south)

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

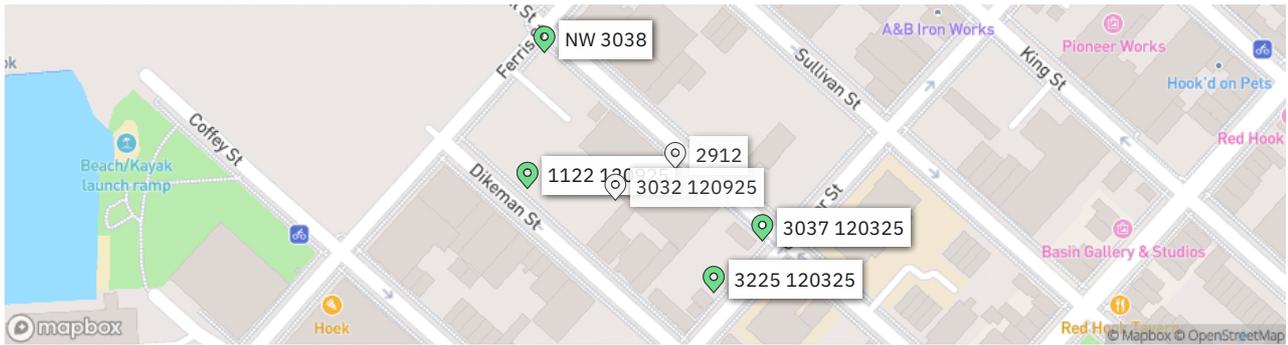
By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

<b>LANGAN</b>	Contribution 6 Station 120925 Report	170562203 - 145 Wolcott St	
		Report Period	
		From:	01/15/2026 07:00
		To:	01/15/2026 17:00
		PM10 Action Level:	150 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5 ppm		

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
01/15/2026	29.1 - 40.5	38.5 - 80.2	29.4 - 29.5	1.9 - 9.9	W

Daily Monitoring Summary	PM10 ( $\mu\text{g}/\text{m}^3$ )	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/15/2026	-20.0	07:11	-0.0213	08:45
Max Contribution (15 min avg.) - 1/15/2026	138.9	11:05	0.0100	07:11
Daily Avg. Contribution (15 min avg.) - 1/15/2026	25.0	-	-0.0049	-

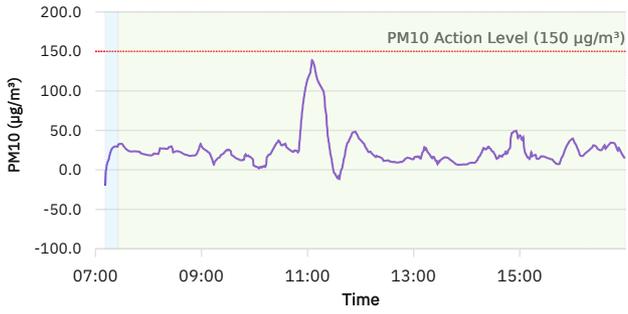


Stopped  
 Initial Avg  
 Rolling Avg

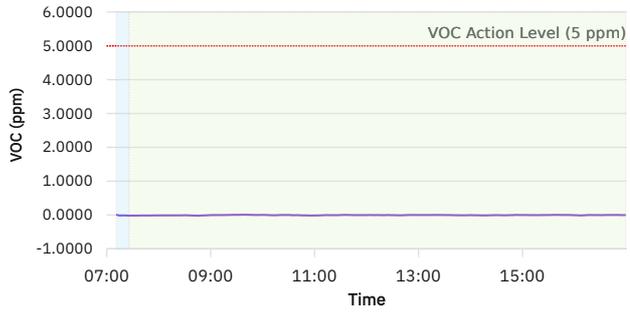
PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )

Stopped  
 Initial Avg  
 Rolling Avg

VOC Average Contribution (ppm)



● 15 Min Rolling Avg PM10 Contribution



● 15 Min Rolling Avg VOC Contribution

# LANGAN SITE OBSERVATION REPORT- Day 092

<b>PROJECT No.:</b> 170452203	<b>CLIENT:</b> NYM 145 Wolcott, LLC 233 Broadway, 10 <sup>th</sup> Fl., New York, NY 10279	<b>DATE:</b> Fri., January 16, 2026
<b>PROJECT:</b> 145-165 Wolcott Street		<b>WEATHER:</b> Cloudy, 20 – 34 °F Wind: WNW @ 1.1 – 10.7 mph
<b>LOCATION:</b> Brooklyn, New York		<b>TIME:</b> 6:45 am – 6:15 pm
<b>SITE CODE:</b> C224256		<b>MONITOR:</b> Alexandre Beregi

<b>EQUIPMENT:</b> AQS1 Air Monitoring Station x 4 MiniRAE 3000 Photoionization Detector (PID) CAT 335F x 2 Zaxis ZX670 Zaxis 135US Hyundai HL955A Bauer BG 36 H ABI TM22 RTG RG 27S Hitachi 670 Takeuchi TB260 Terex TA9 TB260 Pneumatic Foam Unit NTC/8	<b>PRESENT AT SITE:</b> <b>Langan (Environmental):</b> Alexandre Beregi, Thomas Keane, Charbel Abou-khalil <b>Urban Atelier Group (UAG)</b> <b>ECD NY Inc. (ECD):</b> Kyle McGovern
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**OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:**

Langan was present to document remediation activities in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved July 22, 2025 Remedial Action Work Plan (RAWP) at the 145-165 Wolcott Street site in Brooklyn, New York (Site No. C224256).

**Site Activities**

- ECD used a CAT 335F to excavate two about 20-foot-long by 1.5-foot-wide areas to about 8 feet below grade surface (bgs) in the central part of the site to document the horizontal extent of observed impacts for future off-site disposal.
  - Excavated non-native fill was stockpiled on polyethylene sheeting adjacent to the excavation before being backfilled into the excavation of origin.
  - Excavated non-native fill was screened for odors, staining, and organic vapors using a PID. Black staining, sheen, a petroleum-like odor, and a maximum PID reading of 33.0 parts per million was observed.
- ECD used a CAT 335F to backfill an about 50-foot-long by 20-foot-wide area in the western part of the site.
  - Backfill material consisted of previously stockpiled imported clean fill.
- ECD used a CAT 335F to load stockpiled drilling spoils in the northwestern part of the site into tri-axle trucks for off-site disposal.
- ECD advanced continuous flight auger (CFA) piles in the central part of the site.
  - Drilling spoils consisting of non-native fill and grout were screened for odors, staining, and organic vapors using a PID; a maximum PID reading of 0.0 parts per million was observed.

Cc: M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By: Alexandre Beregi
<b>Langan Eng, Env, Surv, L.A. &amp; Geo, DPC</b>	

# LANGAN SITE OBSERVATION REPORT- Day 092

- Drilling spoils were stockpiled in the central part of the site.
- ECD advanced the following 27 PetroFix injection points to a maximum depth of about 20 feet below grade surface (bgs) in the southern part of the site (Treatment Area 3): Injection wells 244, 245, 312, 313, 314, 315, 246, 247, 248, 253, 252, 322, 321, 320, 319, 318, 317, 280, 279, 286, 291, 297, 355, 303, 302, 308, and 307.
- ECD continued in-situ injections of PetroFix in the northern part of the site (Treatment Area 1). ECD used an MQ submersible pump (Serial No. 804633) to inject a diluted PetroFix mixture (30 to 1 ratio of Water:Petrofix) to the following 22 injection points:
  - Well 2: 25 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 4: 25 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 8: 35 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 6: 115 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 28: 50 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 28: 5 gallons of PetroFix mixture were injected from 7 to 12 feet bgs
  - Well 32: 10 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 38: 60 gallons of PetroFix mixture were injected from 7 to 12 feet bgs
  - Well 46: 25 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 49: 45 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 40: 20 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 60: 20 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 42: 10 gallons of PetroFix mixture were injected from 7 to 12 feet bgs
  - Well 20: 5 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 29: 5 gallons of PetroFix mixture were injected from 7 to 12 feet bgs
  - Well 3: 10 gallons of PetroFix mixture were injected from 7 to 12 feet bgs
  - Well 9: 20 gallons of PetroFix mixture were injected from 7 to 12 feet bgs
  - Well 27: 40 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  - Well 33: 60 gallons of PetroFix mixture were injected from 7 to 12 feet bgs
  - Well 12: 5 gallons of PetroFix mixture were injected from 7 to 12 feet bgs
  - Well 14: 5 gallons of PetroFix mixture were injected from 17 to 22 feet bgs
  - Well 16: 5 gallons of PetroFix mixture were injected from 12 to 17 feet bgs
  -

## **Material Tracking**

- No material was imported to the site.
- ECD exported the following material:
  - 5 loads (approximately 90 cubic yards) of non-native fill were exported to the Clean Earth facility in Newcastle, DE.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

Material Export Summary – Soil								
Facility Name	Clean Earth of North Jersey							
Location	Kearny, NJ							
Material	Non-Hazardous Low pH Soil		Hazardous Lead Impacted Soil with UHCs		Hazardous Lead Impacted Soil with No UHCs		High Hazardous Lead	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	-	-	-	-	-	-	-	-
<b>Project Total</b>	<b>328</b>	<b>5,423</b>	<b>56</b>	<b>901</b>	<b>21</b>	<b>359</b>	<b>5</b>	<b>68</b>

Notes:

1. UHC – Underlying Hazardous Constituent

Material Export Summary – Soil						
Facility Name	Clean Earth of New Castle		Conestoga Landfill		Waste Management	
Location	New Castle, DE		Morgantown, PA		Morgantown, PA	
Material	Non-Hazardous Soil		Non-Hazardous Soil		Non-Hazardous Soil	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	5	90	-	-	-	-
<b>Project Total</b>	<b>644</b>	<b>11,880</b>	<b>39</b>	<b>703</b>	<b>165</b>	<b>2,957</b>

Material Export Summary – C&D						
Facility Name	PPark NJ, LLC		Bayshore Soil Management, LLC		Silva Recycling, LLC	
Location	Prospect Park, NJ		Keasbey, NJ		Newark, NJ	
Material	Asphalt, Concrete		Asphalt, Concrete		Concrete	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	-	-	-	-	-	-
<b>Project Total</b>	<b>119</b>	<b>2,380</b>	<b>31</b>	<b>645</b>	<b>25</b>	<b>880</b>

Material Import Summary								
Facility Name	Impact Materials, LLC		Callahan & Nannini Quarry Inc.		Durante Brothers Construction		Tilcon West Nyack Quarry	
Location	Jersey City, NJ		Salisbury Mills, NY		Flushing, NY		West Nyack, NY	
Material	3/4" Recycled Clean Stone		2-4" Granite Stone		Clean Fill		ASTM No. 5 Stone	
Quantities	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)	No. of Loads	Approx. Volume (CY)
<b>Today</b>	-	-	-	-	-	-	-	-
<b>Project Total</b>	<b>62</b>	<b>1,240</b>	<b>4</b>	<b>100</b>	<b>157</b>	<b>2,810</b>	<b>15</b>	<b>270</b>

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi  
Langan Eng, Env, Surv, L.A. & Geo, DPC

# LANGAN SITE OBSERVATION REPORT- Day 092

## Samples

- Samples collected on 1/15/2026 were relinquished to York Analytical Laboratories, an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.
- Langan collected one documentation endpoint soil sample (C\_EP11\_EL\_2.25) from the southern part of the site (plus quality assurance/quality control samples). Langan collected the following:
  - One grab soil sample for laboratory analysis of target compound list and NSYDEC Part 375 volatile organic compounds (VOC) and semivolatile organic compounds (including 1,4-dioxane), pesticides, herbicides, polychlorinated biphenyls, target analyte list metals (including hexavalent and trivalent chromium), total cyanide, and per- and polyfluoroalkyl substances.
- Samples were relinquished to York Analytical Laboratories, an Environmental Laboratory Accredited Program-certified laboratory under standard chain-of-custody protocols.

## Community Air Monitoring Plan (CAMP) Activities

- Langan performed community air monitoring at the perimeter of the work area at one upwind and three downwind locations during intrusive work. Implementation of the Community Air Monitoring Plan (CAMP) included air monitoring for particulate matter for particulates less than 10 µm in diameter (PM10) and VOCs. VOC and PM10 concentrations did not exceed the action levels established by the community air monitoring plan.
- No fugitive dust or odors associated with site activities were observed migrating from the site.

## Anticipated Activities

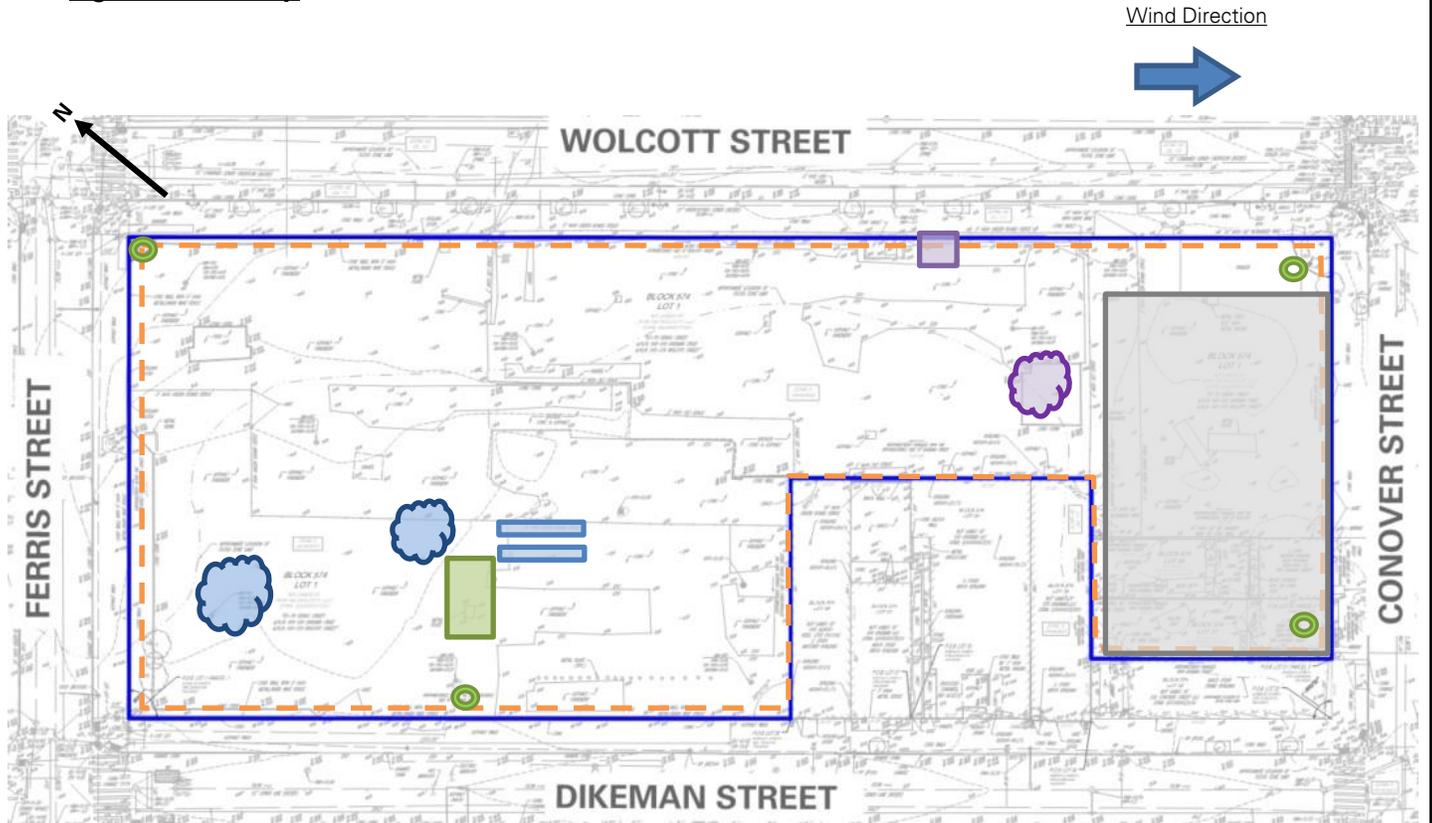
- ECD will continue in-situ PetroFix injections within Treatment Area 1 in the northern part of the site and Treatment Area 3 in the southern part of the site.
- ECD will continue advancing PetroFix injection points within Treatment Area 2 in the northern part of the site and Treatment Area 3 in the southern part of the site.
- ECD will export non-hazardous non-native fill to a facility permitted to accept the waste.
- ECD will continue excavating for pile caps and foundation framing/concrete pouring in the southern part of the site.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

**Figure 1: Site Map**



**Legend**

	Site Boundary		Approximate Area Excavated
	Approximate Work Area		Approximate Area Backfilled
	Approximate Location of Perimeter CAMP Station		Approximate Area Graded
	Approximate Location of Installed Site Cover System		Approximate IDW Drum Staging Area
			Approximate C&D Stockpile
			Approximate Non-Native Fill Stockpile
			Approximate Stone Stockpile

**Notes:**

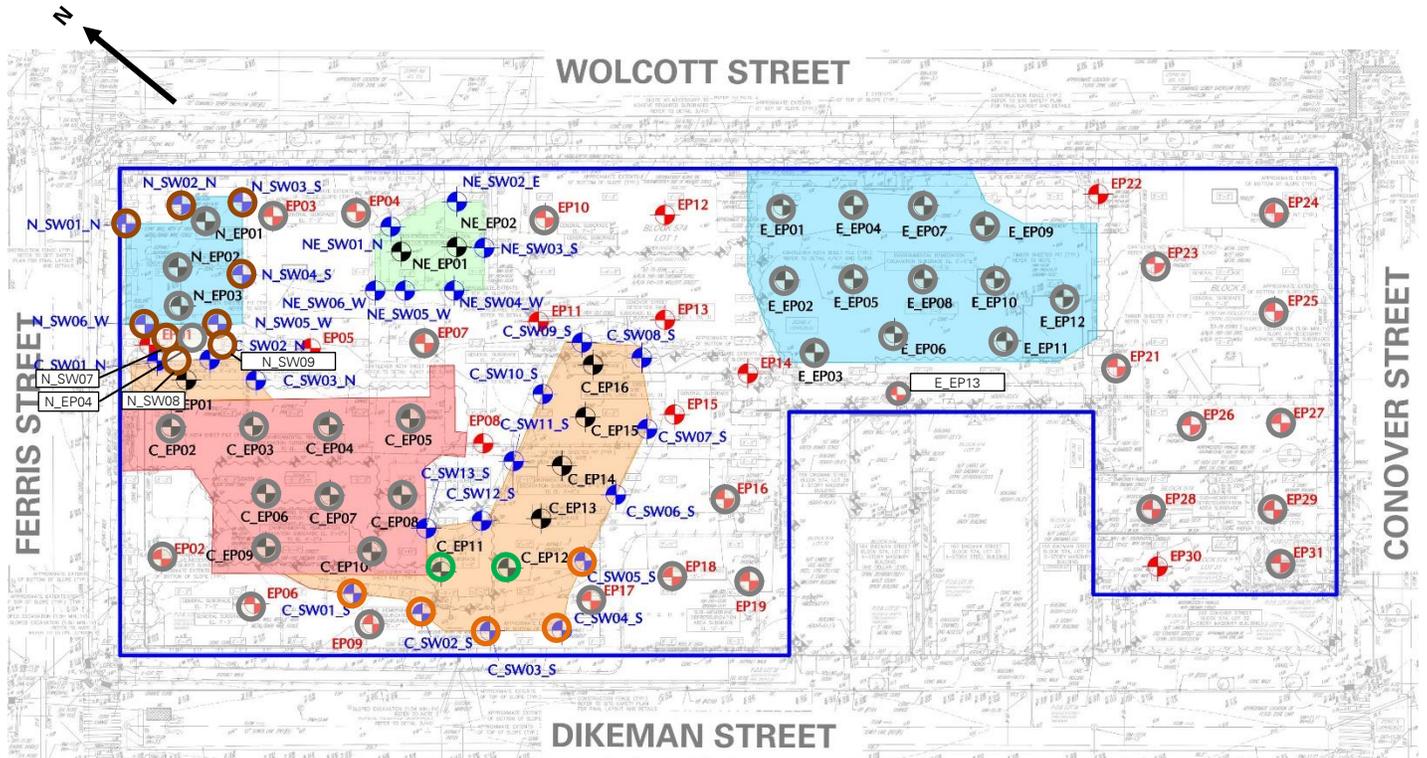
1. Basemap is referenced from 26 March 2025 ALTA/NSPS Land Title Survey prepared by Control Point Associates Inc PC.
2. IDW – Investigation-derived waste generated during the April 2025 and August 2025 supplemental waste characterizations and the January through May 2025 non-aqueous phase liquid gauging.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

**Figure 2: Endpoint / Sidewalk Sample Location Map**



**Legend**

- Site Boundary
- Approximate Location of Documentation Endpoint Soil Sample Collected
- Approximate Location of Documentation Sidewalk Soil Sample Collected
- Approximate Location of Previously Collected Documentation Endpoint Soil Sample
- Approximate Location of Previously Collected Documentation Sidewalk Soil Sample

**Notes:**

1. Basemap is referenced from 26 March 2025 ALTA/NSPS Land Title Survey prepared by Control Point Associates Inc PC.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi  
**Langan Eng, Env, Surv, L.A. & Geo, DPC**

# LANGAN SITE OBSERVATION REPORT- Day 092

## Photographs



**Photo 1:** ECD loading tri-axle truck with non-native fill for off-site disposal (facing north)



**Photo 2:** ECD using an excavator to delineate observed impacted non-native fill in the central part of the site (facing southwest)

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

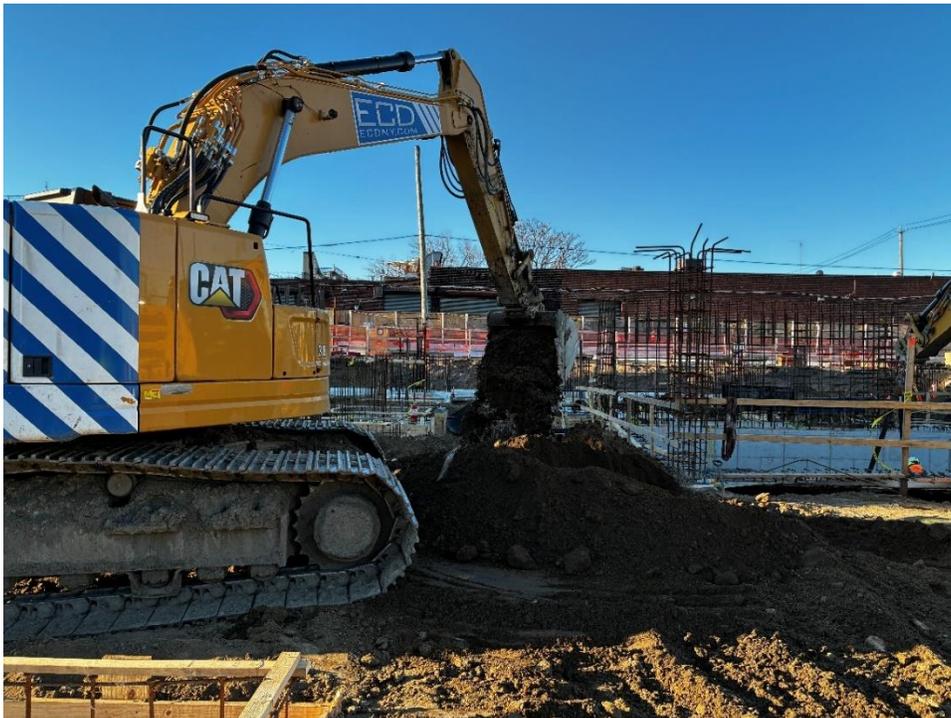
By: Alexandre Beregi

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

# LANGAN SITE OBSERVATION REPORT- Day 092



**Photo 3:** Impacted non-native fill observed in the central part of the site (facing north)



**Photo:** ECD using an excavator to backfill with clean imported fill in the western part of the site (facing southwest)

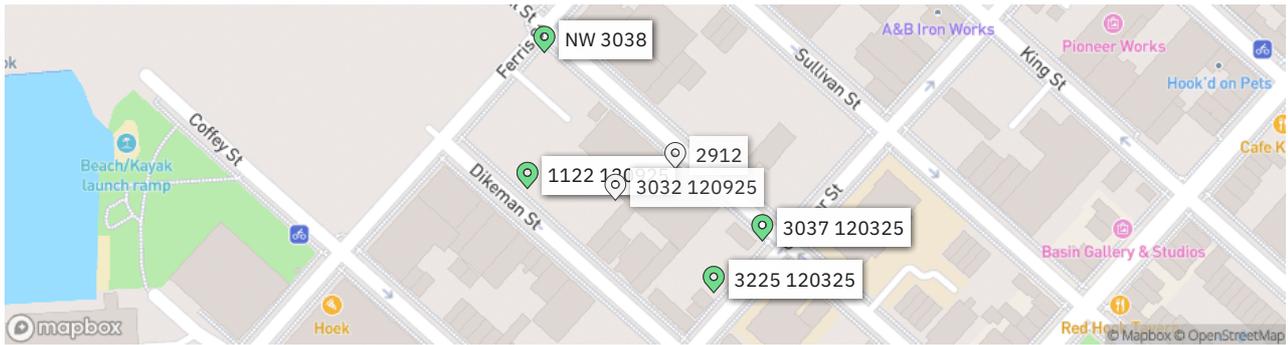
Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Alexandre Beregi  
**Langan Eng, Env, Surv, L.A. & Geo, DPC**

<h1>LANGAN</h1>	Contribution 6 Station 120925 Report	170562203 - 145 Wolcott St	
		Report Period	
		From:	01/16/2026 07:00
		To:	01/16/2026 17:00
		PM10 Action Level:	150 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5 ppm		

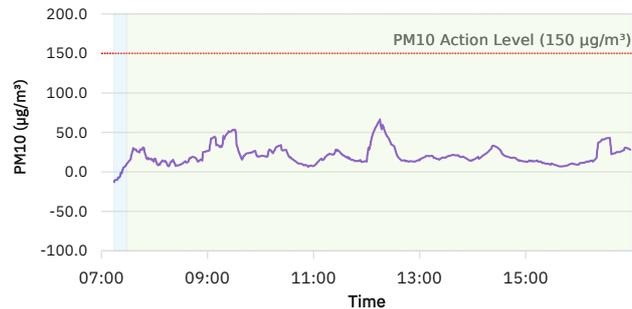
Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
01/16/2026	20.3 - 33.8	35.4 - 56.1	29.8 - 30.0	1.1 - 10.7	WNW

Daily Monitoring Summary	PM10 ( $\mu\text{g}/\text{m}^3$ )	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/16/2026	-13.7	07:14	-0.0173	16:34
Max Contribution (15 min avg.) - 1/16/2026	66.0	12:15	0.0060	10:01
Daily Avg. Contribution (15 min avg.) - 1/16/2026	20.6	-	-0.0018	-



Stopped  
 Initial Avg  
 Rolling Avg

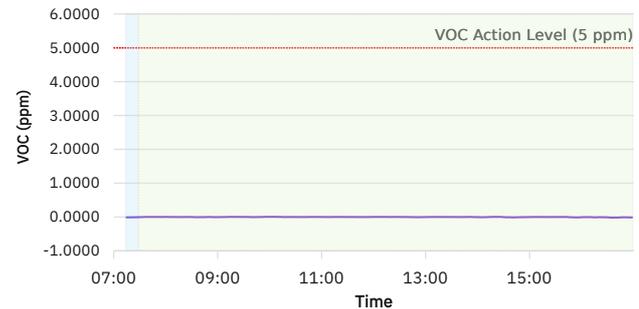
PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )



● 15 Min Rolling Avg PM10 Contribution

Stopped  
 Initial Avg  
 Rolling Avg

VOC Average Contribution (ppm)



● 15 Min Rolling Avg VOC Contribution

# LANGAN SITE OBSERVATION REPORT- Day 093

<b>PROJECT No.:</b> 170452203	<b>CLIENT:</b> NYM 145 Wolcott, LLC 233 Broadway, 10 <sup>th</sup> Fl., New York, NY 10279	<b>DATE:</b> Sat., January 17, 2026
<b>PROJECT:</b> 145-165 Wolcott Street		<b>WEATHER:</b> Cloudy, 35 - 37 °F Wind: SW @ 0.5 – 5.4 mph
<b>LOCATION:</b> Brooklyn, New York		<b>TIME:</b> 8:30 am – 2:30 pm
<b>SITE CODE:</b> C224256		<b>MONITOR:</b> Charbel Abou-khalil

<b>EQUIPMENT:</b> AQS1 Air Monitoring Station x 4 MiniRAE 3000 Photoionization Detector (PID) CAT 335F x 2 Zaxis ZX670 Zaxis 135US Hyundai HL955A Bauer BG 36 H ABI TM22 RTG RG 27S Hitachi 670 Takeuchi TB260 Terex TA9 TB260 Pneumatic Foam Unit NTC/8	<b>PRESENT AT SITE:</b> <b>Langan (Environmental):</b> Charbel Abou-khalil <b>Urban Atelier Group (UAG)</b> <b>ECD NY Inc. (ECD):</b> Kyle McGovern
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**OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:**

Langan was present to document remediation activities in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved July 22, 2025 Remedial Action Work Plan (RAWP) at the 145-165 Wolcott Street site in Brooklyn, New York (Site No. C224256).

**Site Activities**

- ECD advanced the following 27 PetroFix injection points to a maximum depth of about 20 feet below grade surface (bgs) in the southern part of the site (Area 3): Injection wells 258, 330, 329, 328, 327, 336, 337, 264, 265, 266, 274, 273, 272, 344, 343, 345, 346, 347, 350, 349, 348, 351, 352, 353, 354, 296, and 301.
- ECD continued in-situ injections of PetroFix in the northern part of the site (Area 1). ECD used an MQ submersible pump (Serial No. 804633) to inject a diluted PetroFix mixture (30 to 1 ratio of Water:Petrofix) to the following 14 injection points:
  - Well 10: 20 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
  - Well 12: 20 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
  - Well 35: 25 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
  - Well 45: 50 gallons of PetroFix mixture was injected from 17 to 22 feet bgs
  - Well 27: 20 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
  - Well 24: 35 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
  - Well 41: 15 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
  - Well 6: 80 gallons of PetroFix mixture was injected from 12 to 17 feet bgs

Cc: M. Burke, G. Nicholls, S. Knoop, N. Palumbo, L. Grose	By: Charbel Abou-khalil
<b>Langan Eng, Env, Surv, L.A. &amp; Geo, DPC</b>	

# LANGAN SITE OBSERVATION REPORT- Day 093

- Well 50: 15 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
- Well 32: 25 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
- Well 40: 10 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
- Well 26: 20 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
- Well 47: 10 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
- Well 8: 15 gallons of PetroFix mixture was injected from 12 to 17 feet bgs
- ECD continued in-situ injections of PetroFix in the southern part of the site (Area 3). ECD used an MQ submersible pump (Serial No. 804633) to inject a diluted PetroFix mixture (30 to 1 ratio of Water:Petrofix) to the following 2 injection points:
  - Well 244: 175 gallons of PetroFix mixture was injected from 15 to 20 feet bgs
  - Well 312: 175 gallons of PetroFix mixture was injected from 15 to 20 feet bgs

## **Material Tracking**

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

## **Samples**

- No samples were collected.

## **Community Air Monitoring Plan (CAMP) Activities**

- Langan performed community air monitoring at the perimeter of the work area at one upwind and three downwind locations during intrusive work. Implementation of the Community Air Monitoring Plan (CAMP) included air monitoring for particulate matter for particulates less than 10  $\mu\text{m}$  in diameter (PM10) and VOCs. PM10 and VOC concentrations did not exceed the action levels established by the community air monitoring plan.
- No fugitive dust or odors associated with site activities were observed migrating from the site.

## **Anticipated Activities**

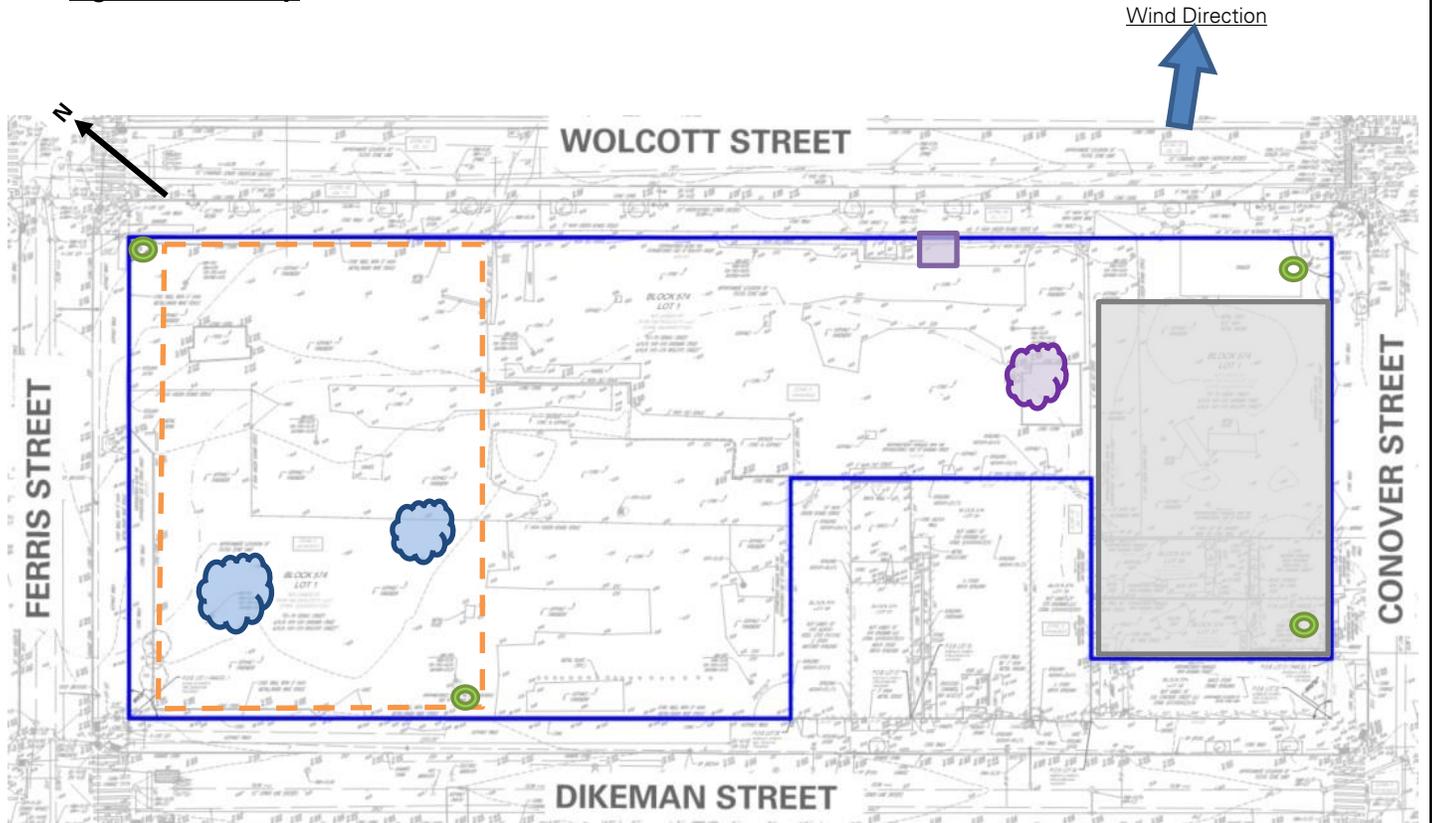
- ECD will continue in-situ PetroFix injections within Treatment Area 1 in the northern part of the site and Treatment Area 3 in the southern part of the site.
- ECD will continue advancing PetroFix injection points within Treatment Area 1 in the northern part of the site and Treatment Area 3 in the southern part of the site.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Charbel Abou-khalil

**Langan Eng, Env, Surv, L.A. & Geo, DPC**

**Figure 1: Site Map**



**Legend**

- |  |   |  |                                       |
|--|---|--|---------------------------------------|
|  | Site Boundary                                       |  | Approximate Area Excavated            |
|  | Approximate Work Area                               |  | Approximate Area Backfilled           |
|  | Approximate Location of Perimeter CAMP Station      |  | Approximate Area Graded               |
|  | Approximate Location of Installed Site Cover System |  | Approximate IDW Drum Staging Area     |
|  |   |  | Approximate C&D Stockpile             |
|  |   |  | Approximate Non-Native Fill Stockpile |
|  |   |  | Approximate Stone Stockpile           |

**Notes:**

1. Basemap is referenced from 26 March 2025 ALTA/NSPS Land Title Survey prepared by Control Point Associates Inc PC.
2. IDW – Investigation-derived waste generated during the April 2025 and August 2025 supplemental waste characterizations and the January through May 2025 non-aqueous phase liquid gauging.

Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Charbel Abou-khalil

**Langan Eng, Env, Surv, L.A. & Geo, DPC**



## Photographs



**Photo 1:** ECD advancing a PetroFix injection point in the southern part of the site (Treatment Area 3)



**Photo 2:** ECD injecting PetroFix in the southern part of the site (Treatment Area 3)

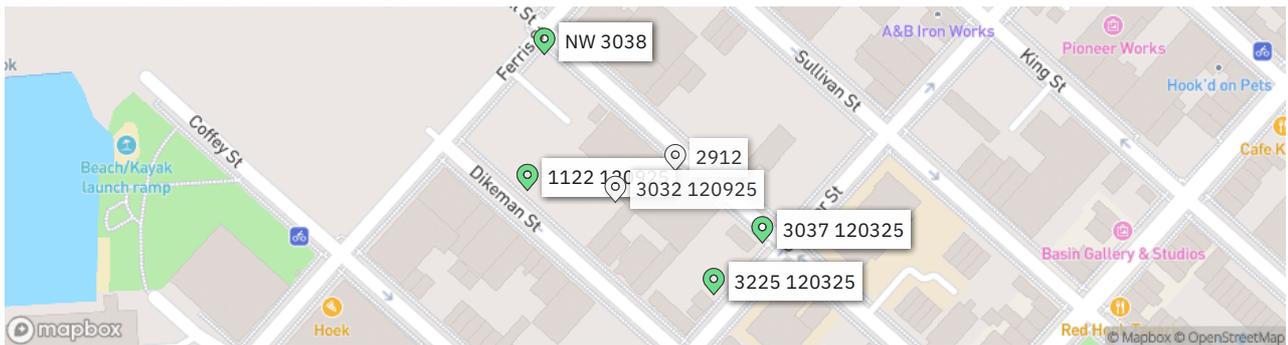
Cc: M. Burke, G. Nicholls, S. Knoop,  
N. Palumbo, L. Grose

By: Charbel Abou-khalil  
**Langan Eng, Env, Surv, L.A. & Geo, DPC**

<b>LANGAN</b>	Contribution 6 Station 120925 Report	170562203 - 145 Wolcott St	
		Report Period	
		From:	01/17/2026 09:00
		To:	01/17/2026 17:00
		PM10 Action Level:	150 $\mu\text{g}/\text{m}^3$
VOC Action Level:	5 ppm		

Daily Environmental Summary	Temp (°F)	Relative Humidity (%)	Barometer (inHg)	Wind Speed (mph)	Prevailing Wind Direction
01/17/2026	31.6 - 37.0	49.7 - 85.8	30.0 - 30.1	0.5 - 7.5	WSW

Daily Monitoring Summary	PM10 ( $\mu\text{g}/\text{m}^3$ )	Time	VOC (ppm)	Time
Min Contribution (15 min avg.) - 1/17/2026	-7.6	09:17	-0.0153	10:27
Max Contribution (15 min avg.) - 1/17/2026	51.4	09:41	0.0100	09:17
Daily Avg. Contribution (15 min avg.) - 1/17/2026	9.8	-	-0.0019	-

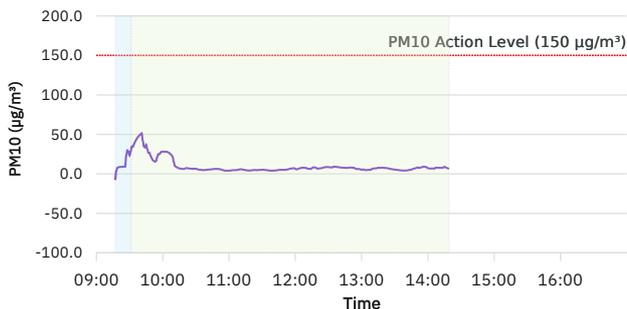


Stopped  
 Initial Avg  
 Rolling Avg

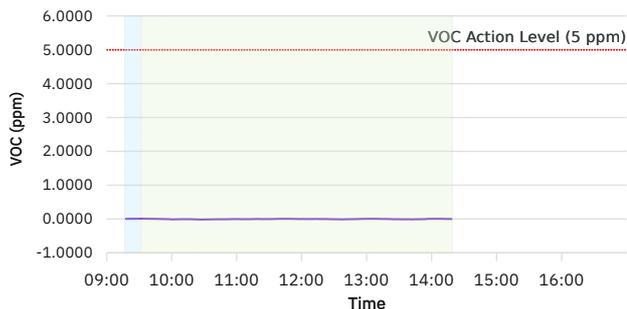
PM10 Average Contribution ( $\mu\text{g}/\text{m}^3$ )

Stopped  
 Initial Avg  
 Rolling Avg

VOC Average Contribution (ppm)



● 15 Min Rolling Avg PM10 Contribution



● 15 Min Rolling Avg VOC Contribution