

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York		DATE: Tuesday, March 1, 2022 WEATHER: Clear, 30s °F TIME: 6:00 AM – 4:30 PM BCP SITE ID: C241146	
EQUIPMENT: John Deere 410L backhoe John Deere 710L backhoe CAT 272D skid-steer loader CAT M322C excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller CAT D6 bulldozer CAT 745C rock truck Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Vactor truck Box truck		PRESENT AT SITE: Langan: Luke McCartney/Padmanabhan Krishnaswamy Triumph Construction (General Contractor): 5-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only) AB Environmental (Tank Contractor): 3-person crew	
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph completed the composite cap in the northeastern part of grid G10 with quarry gravel. Triumph began backfilling the BOE el 3 over-excavation in grids G8 and G9 with clean sand above the demarcation layer. Triumph began backfilling in grids E9 and F9 with clean sand above the demarcation layer. Triumph placed demarcation layer along the northern side of the service road SOE in grid E9 and began constructing the composite cap with clean sand. AB Environmental used a vactor truck to evacuate 6 cubic yards (CY) of sludge and mud from the twelve 550-gallon presumed gasoline USTs and manually cleaned the one 550-gallon presumed waste oil UST, generating three 55-gallon drums of sludge and mud and two 55-gallon drums of used oil. The three 55-gallon drums of sludge and mud were sampled and staged on-site for disposal coordination. The 6 CY of sludge and mud and two drum of waste oil were transported under manifests to AB Oil Services, Inc. in Bohemia, New York for disposal. Triumph used a street sweeper to continue cleaning the site entrances and exits and along Seaver Way up to about former 37th Avenue. Langan observed M&M Contracting completing street excavation work for installation of electrical lines to light poles on behalf of ConEd near the intersection of Roosevelt Avenue and Seaver Way. Impacts Observed <ul style="list-style-type: none"> None. Sampling <ul style="list-style-type: none"> After Triumph confirmed remedial excavation design depths, the following documentation sample was collected and submitted to Alpha Analytical, Inc., a NYSDOH ELAP-certified laboratory in Westborough, 			
cc: Project Team		By: Luke McCartney Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	

Massachusetts (ELAP No. 11148), for analysis of NYSDEC Part 375/TCL VOCs and SVOCs, PCBs, pesticides/herbicides, Part 375/TAL metals (including hexavalent/trivalent chromium), cyanide, PFAS, and 1,4-dioxane:

- EPB187_el6
- EPS110_el3
- SOFB41_030122 (QA/QC PFAS only)
- SOTB41_030122 (QA/QC)

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Material Tracking

Summary of Imported Material

Material/ Facility	¾-inch RCA		¾-inch Quarry Stone		4-inch RCA		¾-Inch #2 Quarry Stone	
	EROC		EROC (Braen Royalties quarry)		EROC		E. Tetz (Mongaup Valley Quarry)	
	Corona, NY		Corona, NY		Corona, NY		Monticello, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	13	269.8	0	0	0	0
Total	201	5,391.3	327	6,783.14	14	352.80	1	36.75

Material/ Facility	Clean Fill		¾-inch #2 Quarry Stone		¾- inch and 3/8-inch #5 Quarry Stone		Clean Fill	
	EROC		Callanan Industries		E.Tetz (Chester Site)		Durante Bros.	
	Corona, NY		Bridgeville, NY		Chester, NY		Queens, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0
Total	133	4,785.2	252	8,267.73	5	170.69	882	22,226.4

Material/ Facility	SCA Clean Fill		SCA Clean Fill	
	15 Walker Road		EROC	
	Valhalla, NY		Corona, NY	
	Trucks	Tons	Trucks	Tons
Today	0	0	13	364
Total	14	532.55	369	10,161.2

Summary of Exported Material

Material/ Facility	Concrete/C&D		Concrete		Mixed Concrete & Asphalt		Scrap Metal	
	EROC		Durante Bros.		E. Tetz		Allocco Recycling	
	Corona, NY		Flushing, NY		Middletown, NY		Brooklyn, NY	
	Trucks	CY*	Trucks	CY*	Trucks	CY*	Trucks	CY*
Today	0	0	0	0	0	0	0	0
Total	89	1,989	346	9,141	129	4,128	1**	30

Material/ Facility	Hazardous Lead Soil		Non-Hazardous Soil	
	CENJ		Hazleton Creek Properties	
	Kearny, NY		Hazleton, PA	
	Trucks	CY*	Trucks	Tons***
Today	0	0	0	0
Total	1	18	3,114	90,921.3

*CY amount is based on truck capacity, which includes void spaces.

**Tracking scrap containers containing tanks only

*** Estimated tonnage adjusted based on an average net weight of 29.35 tons, from 190 loads, from Hazleton countersigned manifests on 11/9, 11/10, 11/11, and 11/15.

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Community Air Monitoring Plan Activities

- Langan performed community air monitoring at the perimeter of the work area at one upwind and two 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).
- Particulate concentrations exceeded the action level at the downwind station in the northern part of the site from 13:06 to 13:12 due to while Triumph spread gravel in this area.
- No fugitive dust or odors associated with site activities were observed migrating from the site.

Anticipated Activities

- Triumph will continue to maintain sedimentation controls.
- Triumph will continue to excavate and stockpile soil/fill.
- Triumph will continue removal of soil/fill for disposal at Hazleton Creek Properties, LLC in Hazleton, Pennsylvania under PADEP approval #5100.
- Mirmax will continue to survey the BOE and final grading elevations across the site.
- Langan will continue to collect documentation samples.
- Triumph will continue to import, place, and compact backfill material.
- Triumph will complete installation of dewatering system discharge piping through the OU-2 staging area trench to the proposed sewer connection along Seaver Way once NYCDEP clears out the sewer line.
- Triumph will continue to empty and remove the USTs encountered on February 17, 2022.

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Demarcation placed within grids G8 and G9 and cap construction progress (facing southeast).



Photo 2: Demarcation and cap progress north of service street SOE in E9 (facing west)

cc: Project Team

By: Luke McCartney






















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

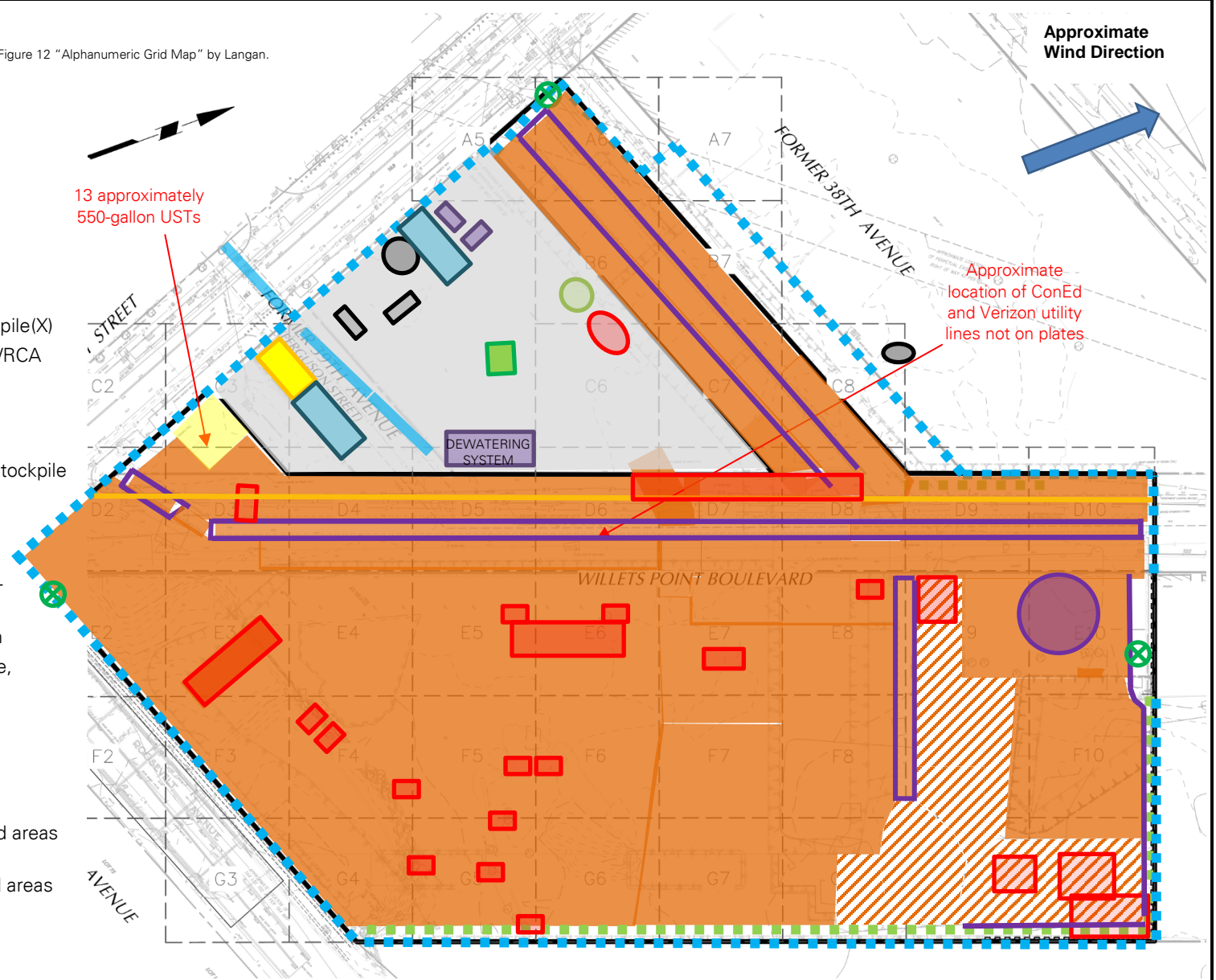
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile(X)
-  Asphalt (A)/concrete (C)/RCA (R) stockpiles
-  Soil stockpile
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/ Construction Entrance
-  CAMP Station
-  Approximate petroleum-impacted areas
-  Appx. Nat Grid gas main
-  Comingled soil, concrete, asphalt stockpile
-  Mechanical Screener
-  Petroleum-impacted (P) stockpile
-  OU-2 Staging Area
-  Area Excavated (hatched areas completed today)
-  Area Backfilled (hatched areas completed today)
-  Steel Sheet piling



cc: Project Team

By: Luke McCartney







Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

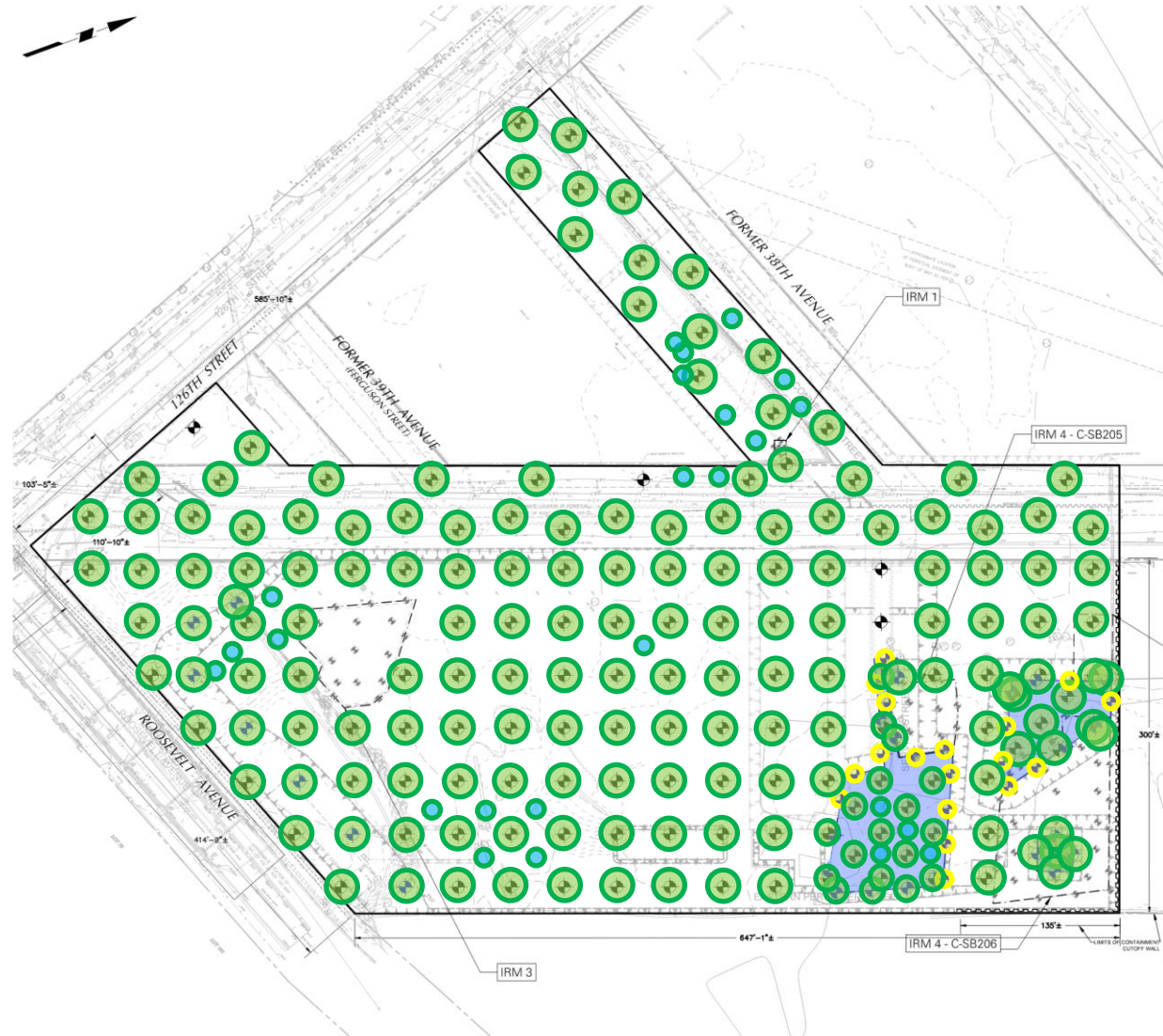
Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

LEGEND

-  OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

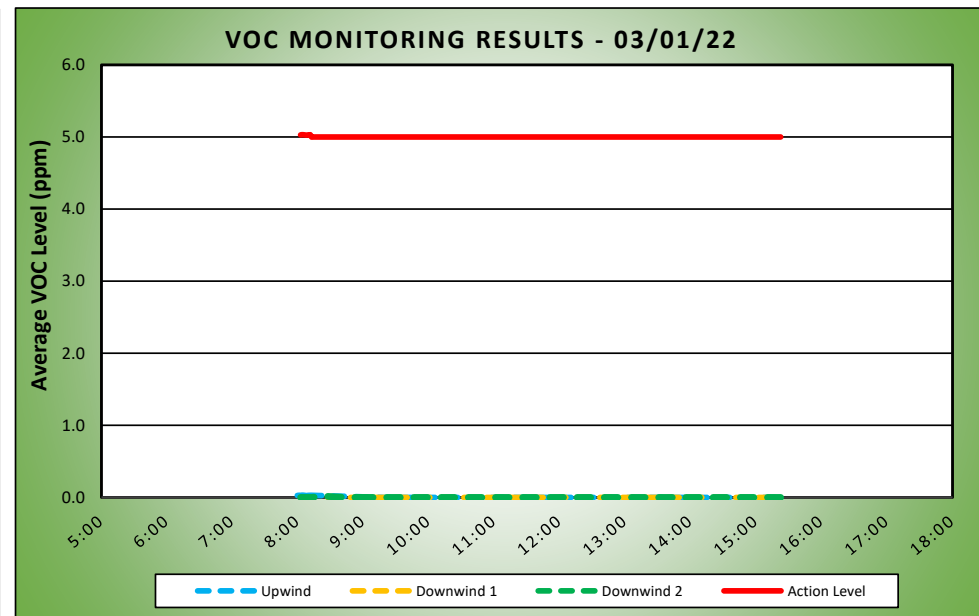
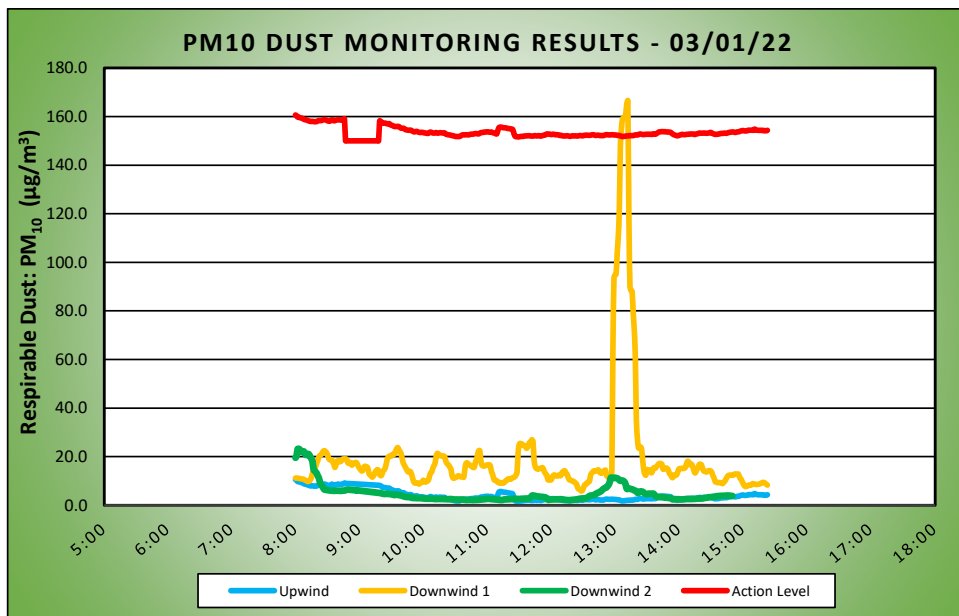
By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

	<h1 style="text-align: center;">DAILY AIR MONITORING REPORT</h1> <h2 style="text-align: center;">Willets Point OU-1</h2> <h3 style="text-align: center;">Queens, New York</h3>				03/01/22	
					Project number: 170197605	
					Page 1 of 2	Rev. No. 0
					Submitted By:	
					Dust Action Level	150 $\mu\text{g}/\text{m}^3$
TVOC Action Level	5 ppm					

Weather Data Range for Work Day		Wind Direction	S	Relative Humidity (%)	42.0 - 59.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	34.0 - 44.0	Wind Speed (MPH)	0.0 - 18.4	Barometer (inHg)	30.00 - 30.30			

Station Location Area	Work	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind		4.3	10.6	8:00	0.0	0.0	8:05
Downwind 1		19.1	166.5	13:12	0.0	0.0	12:21
Downwind 2		5.1	23.2	8:03	0.0	0.0	8:28



Air Monitoring Notes:

Sampling Notes:

Weather Notes:

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Wednesday, March 2, 2022 WEATHER: Clear, 30s-40s °F TIME: 6:30 AM – 5:00 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 410L backhoe John Deere 710L backhoe CAT 272D skid-steer loader CAT M322C excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller CAT D6 bulldozer CAT 745C rock truck Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Vactor truck Box truck	PRESENT AT SITE: Langan: Luke McCartney/Padmanabhan Krishnaswamy Triumph Construction (General Contractor): 7-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only) AB Environmental (Tank Contractor): 3-person crew
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph continued backfilling the BOE el 3 over-excavation in grids G8, G9, and G10 with clean sand above the demarcation layer. Triumph continued backfilling in grids E9 and F9 with clean sand above the demarcation layer. Triumph demolished the concrete encasement, including bottom slab, and removed the thirteen USTs from grid D2 and staged them on plastic for inspection. The USTs appeared to be in good condition and were inspected and photo-documented. Petroleum-like product was present in the concrete encasement beneath two of the USTs. Groundwater with petroleum-like odor and sheen was present in the UST and concrete removal excavation at a depth of about 5 feet below sidewalk grade. AB Environmental cut and manually finished cleaning the interior of six of the USTs. Remaining sludge and mud from within the tanks was transferred to 55-gallon drums for disposal coordination. Triumph used a street sweeper to continue cleaning the site entrances and exits and along Seaver Way up to about former 37th Avenue. Langan observed M&M Contracting completing street excavation work for installation of electrical lines to light poles on behalf of ConEd near the intersection of Roosevelt Avenue and Seaver Way. Impacts Observed <ul style="list-style-type: none"> Petroleum-like product, odor, and sheen in the UST removal area, as noted above Sampling <ul style="list-style-type: none"> None 	
cc: Project Team	By: Luke McCartney Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Material Tracking

Summary of Imported Material

Material/ Facility	¾-inch RCA		¾-inch Quarry Stone		4-inch RCA		¾-Inch #2 Quarry Stone	
	EROC		EROC (Braen Royalties quarry)		EROC		E. Tetz (Mongaup Valley Quarry)	
	Corona, NY		Corona, NY		Corona, NY		Monticello, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	1	20.45	0	0	0	0
Total	201	5,391.3	328	6,803.59	14	352.80	1	36.75

Material/ Facility	Clean Fill		¾-inch #2 Quarry Stone		¾- inch and 3/8-inch #5 Quarry Stone		Clean Fill	
	EROC		Callanan Industries		E.Tetz (Chester Site)		Durante Bros.	
	Corona, NY		Bridgeville, NY		Chester, NY		Queens, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0
Total	133	4,785.2	252	8,267.73	5	170.69	882	22,226.4

Material/ Facility	SCA Clean Fill		SCA Clean Fill	
	15 Walker Road		EROC	
	Valhalla, NY		Corona, NY	
	Trucks	Tons	Trucks	Tons
Today	0	0	37	1,036
Total	14	532.55	406	11,197.2

Summary of Exported Material

Material/ Facility	Concrete/C&D		Concrete		Mixed Concrete & Asphalt		Scrap Metal	
	EROC		Durante Bros.		E. Tetz		Allocco Recycling	
	Corona, NY		Flushing, NY		Middletown, NY		Brooklyn, NY	
	Trucks	CY*	Trucks	CY*	Trucks	CY*	Trucks	CY*
Today	0	0	0	0	0	0	0	0
Total	89	1,989	346	9,141	129	4,128	1**	30

Material/ Facility	Hazardous Lead Soil		Non-Hazardous Soil	
	CENJ		Hazleton Creek Properties	
	Kearny, NY		Hazleton, PA	
	Trucks	CY*	Trucks	Tons***
Today	0	0	0	0
Total	1	18	3,114	90,921.3

*CY amount is based on truck capacity, which includes void spaces.

**Tracking scrap containers containing tanks only

*** Estimated tonnage adjusted based on an average net weight of 29.35 tons, from 190 loads, from Hazleton countersigned manifests on 11/9, 11/10, 11/11, and 11/15.

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Community Air Monitoring Plan Activities

- Langan performed community air monitoring at the perimeter of the work area at one upwind and two 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).
- After 9:20 AM, one downwind station was off-line for maintenance. No intrusive activities were being completed in the northeast corner of the site throughout the day, construction of the composite cap with clean sand and gravel were completed.
- No fugitive dust or odors associated with site activities were observed migrating from the site.

Anticipated Activities

- Triumph will continue to maintain sedimentation controls.
- Triumph will continue to excavate and stockpile soil/fill.
- Triumph will continue removal of soil/fill for disposal at Hazleton Creek Properties, LLC in Hazleton, Pennsylvania under PADEP approval #5100.
- Mirmax will continue to survey the BOE and final grading elevations across the site.
- Langan will continue to collect documentation samples.
- Triumph will continue to import, place, and compact backfill material.
- Triumph will complete installation of dewatering system discharge piping through the OU-2 staging area trench to the proposed sewer connection along Seaver Way once NYCDEP clears out the sewer line.
- Triumph will continue to empty and remove the USTs encountered on February 17, 2022.

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: UST removal activities (facing south).



Photo 2: Petroleum-like product in bottom of concrete cradle (facing down)

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.



Photo 3: UST removed for inspection and cleaning (facing southeast).



Photo 4: Groundwater with petroleum-like odor and sheen in UST removal excavation (facing west)

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.



Photo 5: Street cleaning activities (facing north)



Photo 6: Composite cap building progress in grids G8 and G9 (facing northeast)

cc: Project Team

By: Luke McCartney






















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

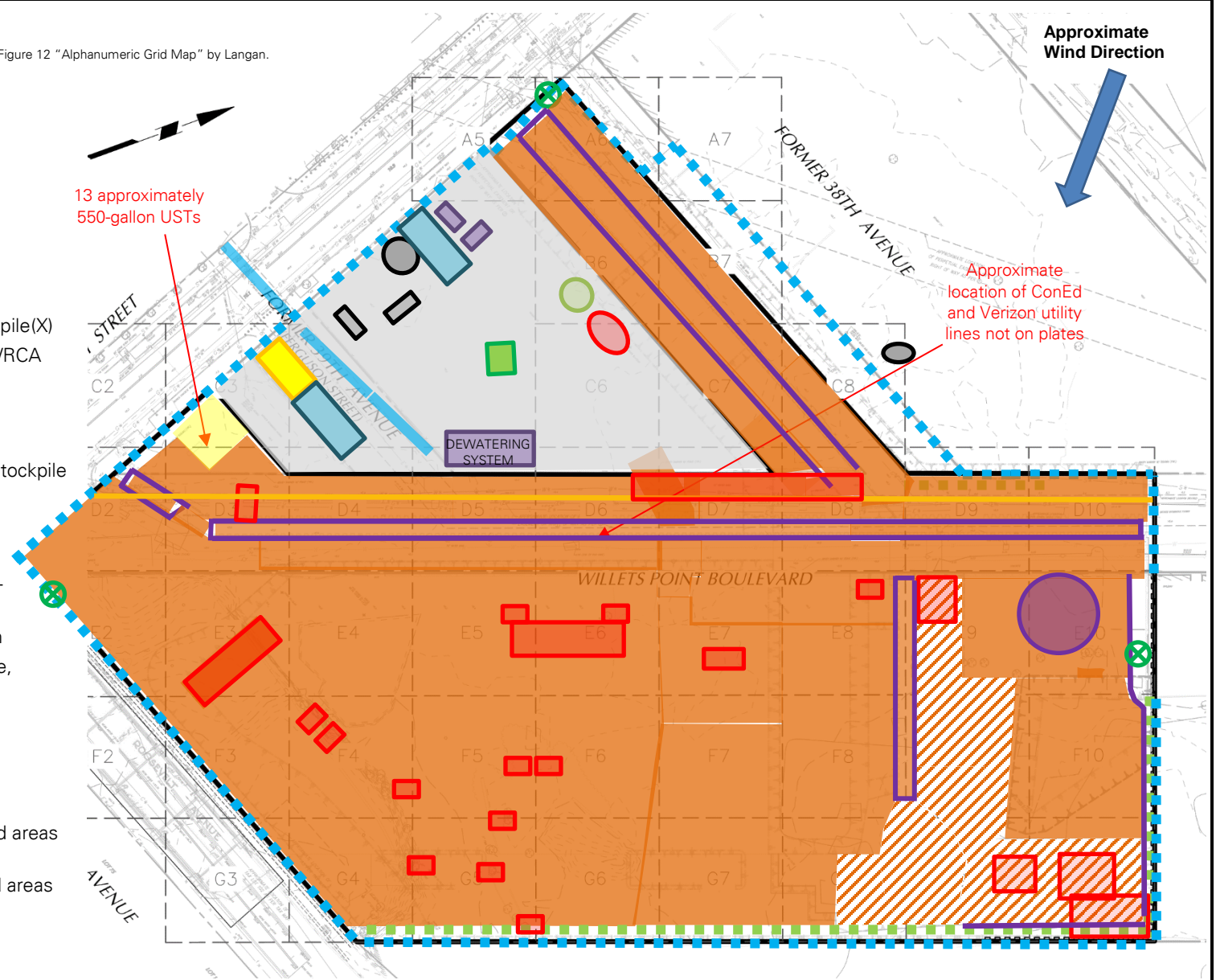
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile(X)
-  Asphalt (A)/concrete (C)/RCA (R) stockpiles
-  Soil stockpile
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/ Construction Entrance
-  CAMP Station
-  Approximate petroleum-impacted areas
-  Appx. Nat Grid gas main
-  Comingled soil, concrete, asphalt stockpile
-  Mechanical Screener
-  Petroleum-impacted (P) stockpile
-  OU-2 Staging Area
-  Area Excavated (hatched areas completed today)
-  Area Backfilled (hatched areas completed today)
-  Steel Sheeting



cc: Project Team

By: Luke McCartney







Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

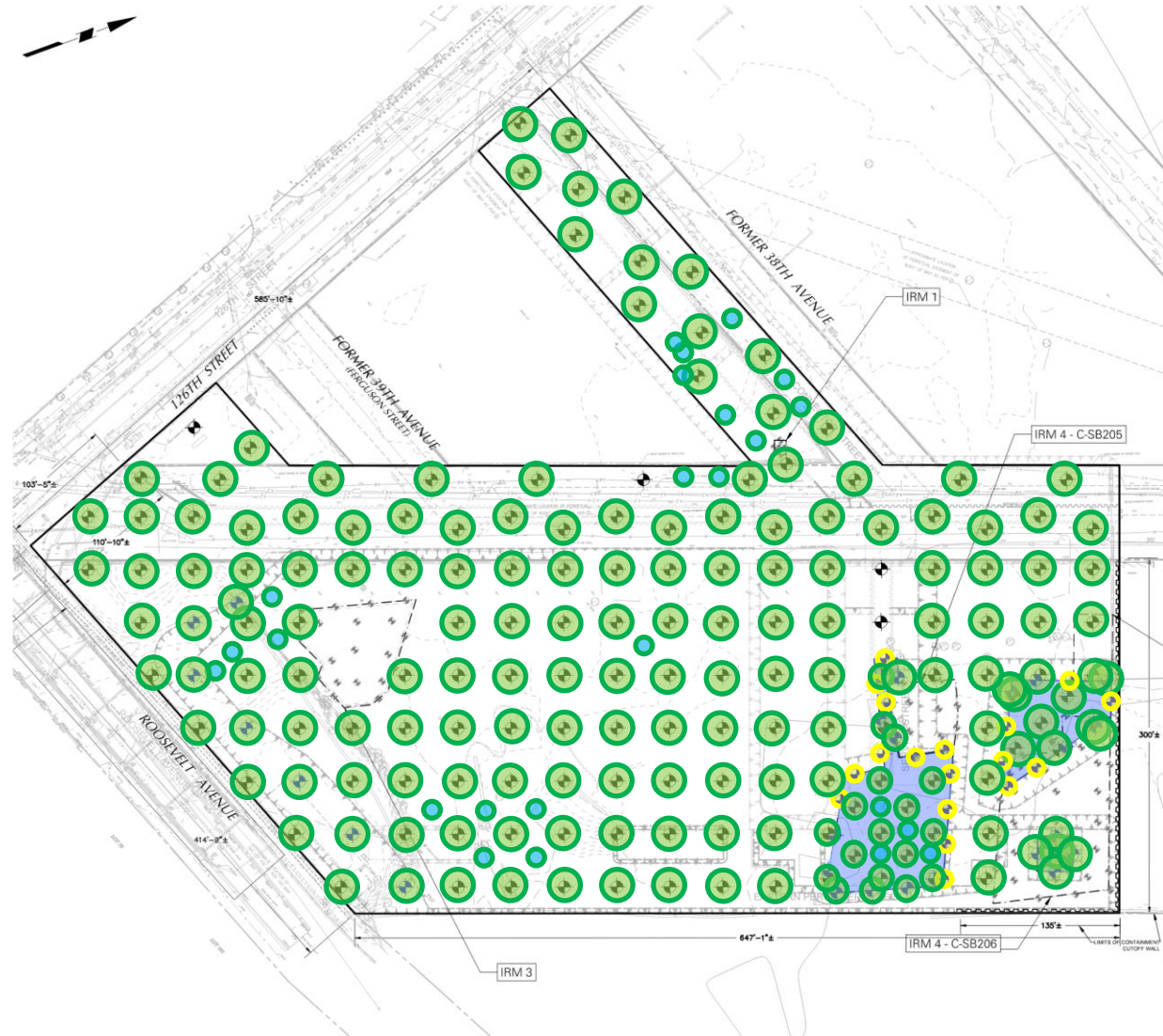
Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

LEGEND


-  OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

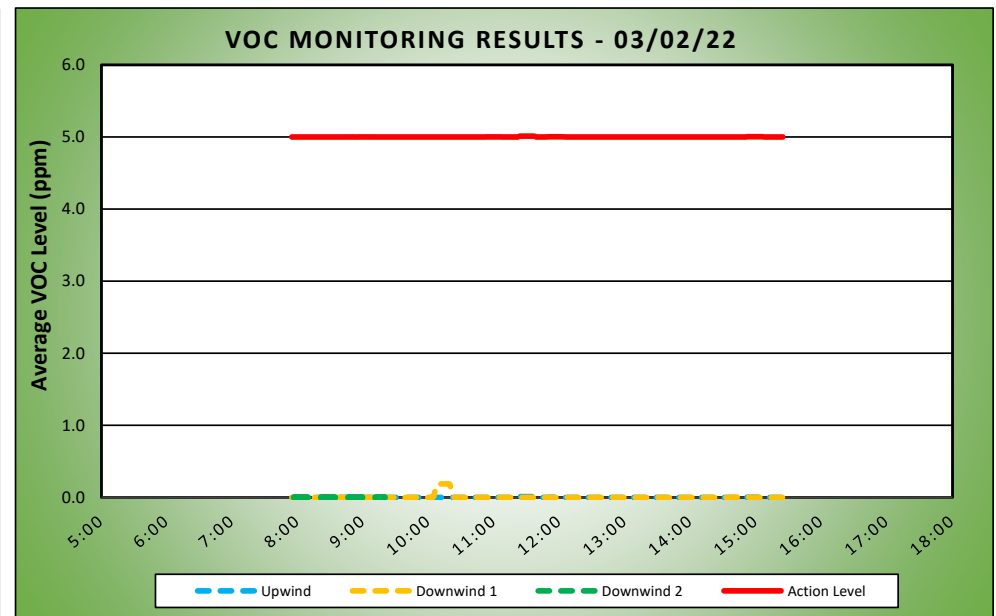
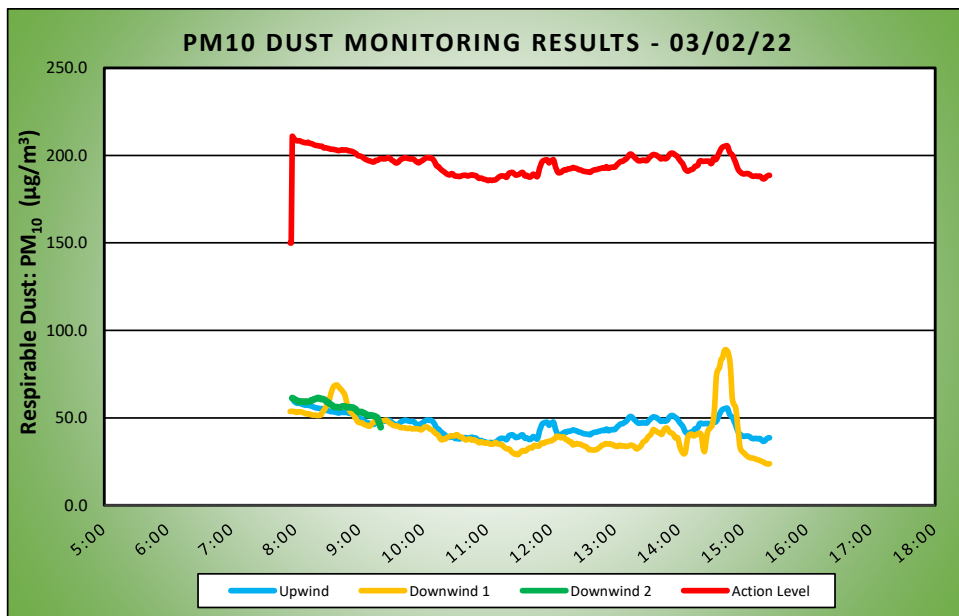
By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

	<h1 style="text-align: center;">DAILY AIR MONITORING REPORT</h1> <h2 style="text-align: center;">Willets Point OU-1</h2> <h3 style="text-align: center;">Queens, New York</h3>				03/02/22	
					Project number: 170197605	
					Page 1 of 2	Rev. No. 0
					Submitted By:	
					Dust Action Level	150 $\mu\text{g}/\text{m}^3$
TVOC Action Level	5 ppm					

Weather Data Range for Work Day		Wind Direction	NW	Relative Humidity (%)	31.0 - 59.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	41.0 - 50.0	Wind Speed (MPH)	8.1 - 12.7	Barometer (inHg)	30.00 - 30.00			

Station Location Area	Work	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind		45.6	60.9	7:57	0.0	0.0	11:24
Downwind 1		41.8	89.0	14:44	0.0	0.2	10:11
Downwind 2		55.9	61.3	8:21	0.0	0.0	7:57



Air Monitoring Notes:

Sampling Notes:

Weather Notes:

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York		DATE: Thursday, March 3, 2022 WEATHER: Clear, 30s-40s °F TIME: 6:45 AM – 4:00 PM BCP SITE ID: C241146	
EQUIPMENT: John Deere 410L backhoe John Deere 710L backhoe CAT 272D skid-steer loader CAT M322C excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller CAT D6 bulldozer CAT 745C rock truck Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Vactor truck Box truck		PRESENT AT SITE: Langan: Luke McCartney Triumph Construction (General Contractor): 10-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only)	
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph continued backfilling in grids E9 and F9 and the BOE el 3 over-excavation in grids G8 and G9 with clean sand above the demarcation layer. Triumph began construction of the engineered slope along the eastern site boundary in grid G8. Triumph used a street sweeper to continue cleaning the site entrances and exits and along Seaver Way up to about former 37th Avenue. Impacts Observed <ul style="list-style-type: none"> None Sampling <ul style="list-style-type: none"> None 			
cc: Project Team		By: Luke McCartney Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	

Material Tracking

Summary of Imported Material

Material/ Facility	¾-inch RCA		¾-inch Quarry Stone		4-inch RCA		¾-Inch #2 Quarry Stone	
	EROC		EROC (Braen Royalties quarry)		EROC		E. Tetz (Mongaup Valley Quarry)	
	Corona, NY		Corona, NY		Corona, NY		Monticello, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	27	531.93	0	0	0	0
Total	201	5,391.3	355	7,335.52	14	352.80	1	36.75

Material/ Facility	Clean Fill		¾-inch #2 Quarry Stone		¾- inch and 3/8-inch #5 Quarry Stone		Clean Fill	
	EROC		Callanan Industries		E.Tetz (Chester Site)		Durante Bros.	
	Corona, NY		Bridgeville, NY		Chester, NY		Queens, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	3	102.44	0	0	0	0
Total	133	4,785.2	255	8,370.17	5	170.69	882	22,226.4

Material/ Facility	SCA Clean Fill		SCA Clean Fill	
	15 Walker Road		EROC	
	Valhalla, NY		Corona, NY	
	Trucks	Tons	Trucks	Tons
Today	0	0	4	112
Total	14	532.55	423	11,673.2

Summary of Exported Material

Material/ Facility	Concrete/C&D		Concrete		Mixed Concrete & Asphalt		Scrap Metal	
	EROC		Durante Bros.		E. Tetz		Allocco Recycling	
	Corona, NY		Flushing, NY		Middletown, NY		Brooklyn, NY	
	Trucks	CY*	Trucks	CY*	Trucks	CY*	Trucks	CY*
Today	0	0	0	0	0	0	0	0
Total	89	1,989	346	9,141	129	4,128	1**	30

Material/ Facility	Hazardous Lead Soil		Non-Hazardous Soil	
	CENJ		Hazleton Creek Properties	
	Kearny, NY		Hazleton, PA	
	Trucks	CY*	Trucks	Tons***
Today	0	0	0	0
Total	1	18	3,114	90,921.3

*CY amount is based on truck capacity, which includes void spaces.

**Tracking scrap containers containing tanks only

*** Estimated tonnage adjusted based on an average net weight of 29.35 tons, from 190 loads, from Hazleton countersigned manifests on 11/9, 11/10, 11/11, and 11/15.

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Community Air Monitoring Plan Activities

- Langan performed community air monitoring at the perimeter of the work area at one upwind and two 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).
- No fugitive dust or odors associated with site activities were observed migrating from the site.

Anticipated Activities

- Triumph will continue to maintain sedimentation controls.
- Triumph will continue to excavate and stockpile soil/fill.
- Triumph will continue removal of soil/fill for disposal at Hazleton Creek Properties, LLC in Hazleton, Pennsylvania under PADEP approval #5100.
- Mirmax will continue to survey the BOE and final grading elevations across the site.
- Langan will continue to collect documentation samples.
- Triumph will continue to import, place, and compact backfill material.
- Triumph will complete installation of dewatering system discharge piping through the OU-2 staging area trench to the proposed sewer connection along Seaver Way once NYCDEP clears out the sewer line.
- Triumph will continue to empty and remove the USTs encountered on February 17, 2022.
- Triumph will reinstall damaged monitoring wells.

cc: Project Team

By:

Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Backfilling and grading composite cap in grids G8 and G9 (facing south).



Photo 2: Slope construction along eastern perimeter of the site (facing south)

cc: Project Team

By: Luke McCartney






















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

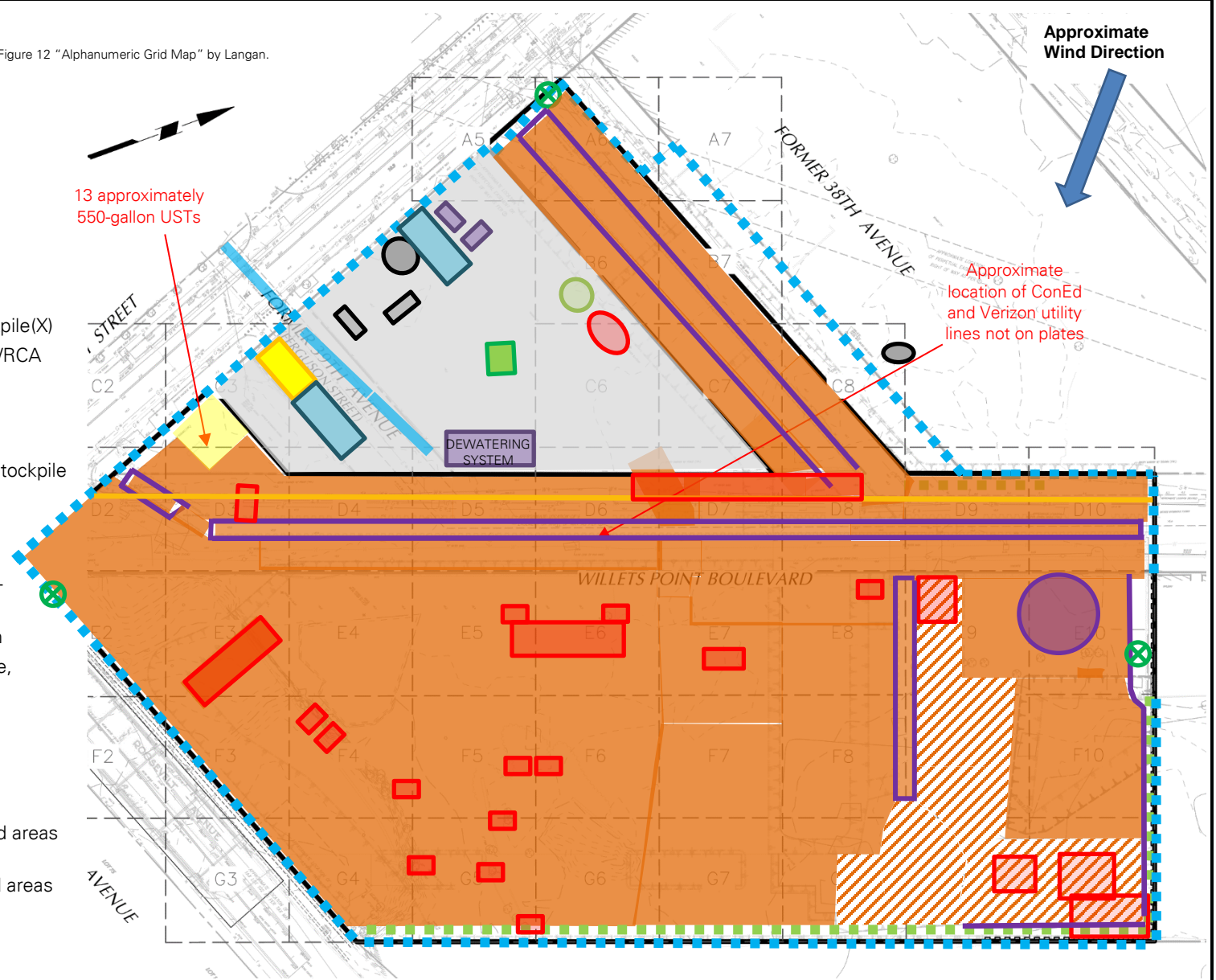
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile(X)
-  Asphalt (A)/concrete (C)/RCA (R) stockpiles
-  Soil stockpile
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/ Construction Entrance
-  CAMP Station
-  Approximate petroleum-impacted areas
-  Appx. Nat Grid gas main
-  Comingled soil, concrete, asphalt stockpile
-  Mechanical Screener
-  Petroleum-impacted (P) stockpile
-  OU-2 Staging Area
-  Area Excavated (hatched areas completed today)
-  Area Backfilled (hatched areas completed today)
-  Steel Sheet piling



cc: Project Team

By: Luke McCartney







Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

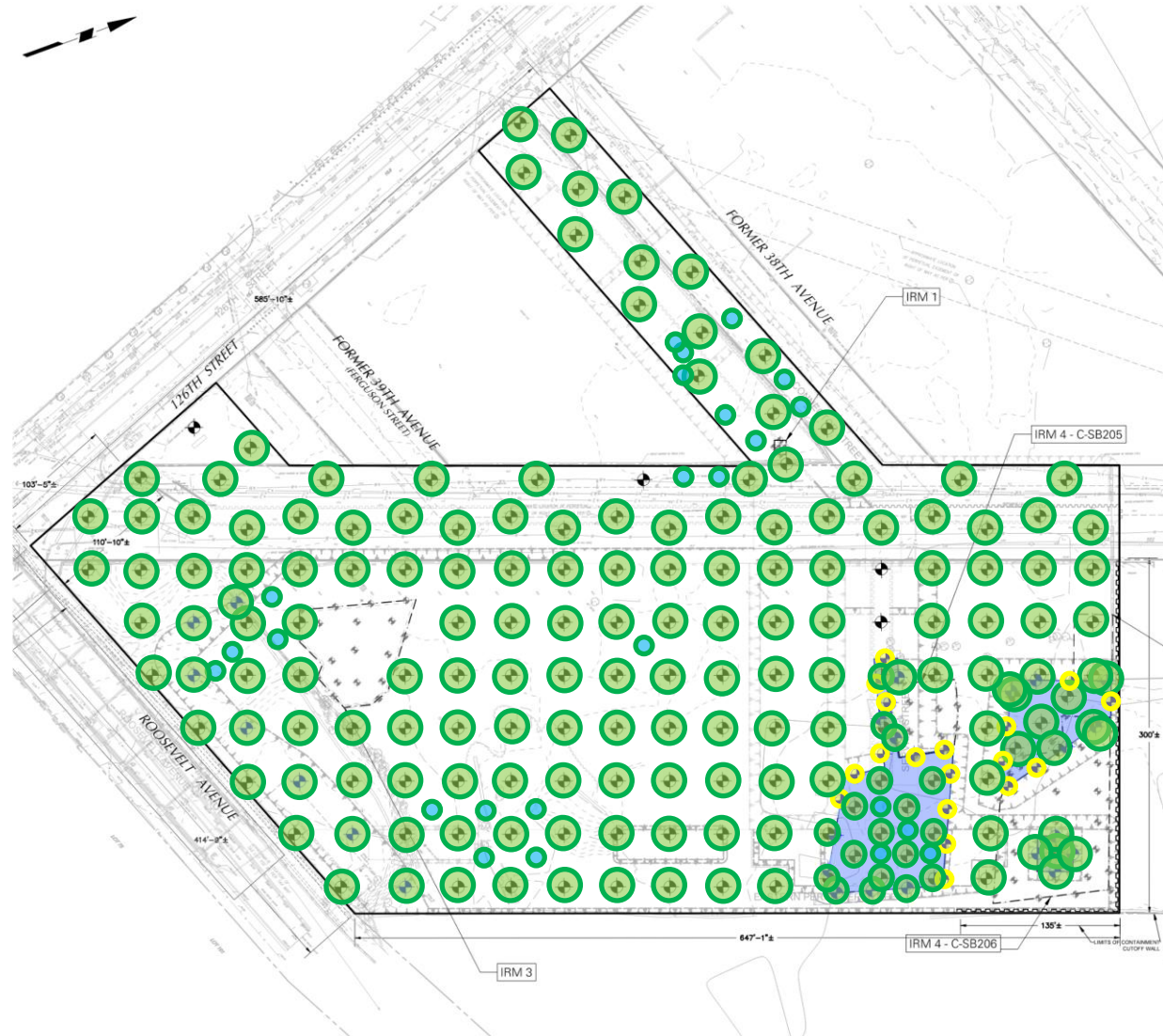
Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

LEGEND


-  OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

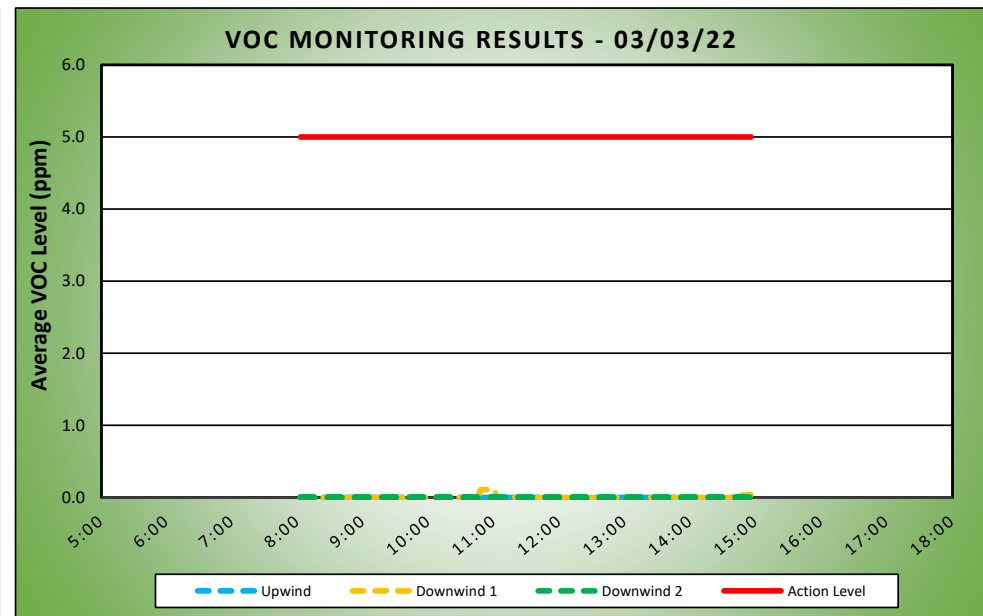
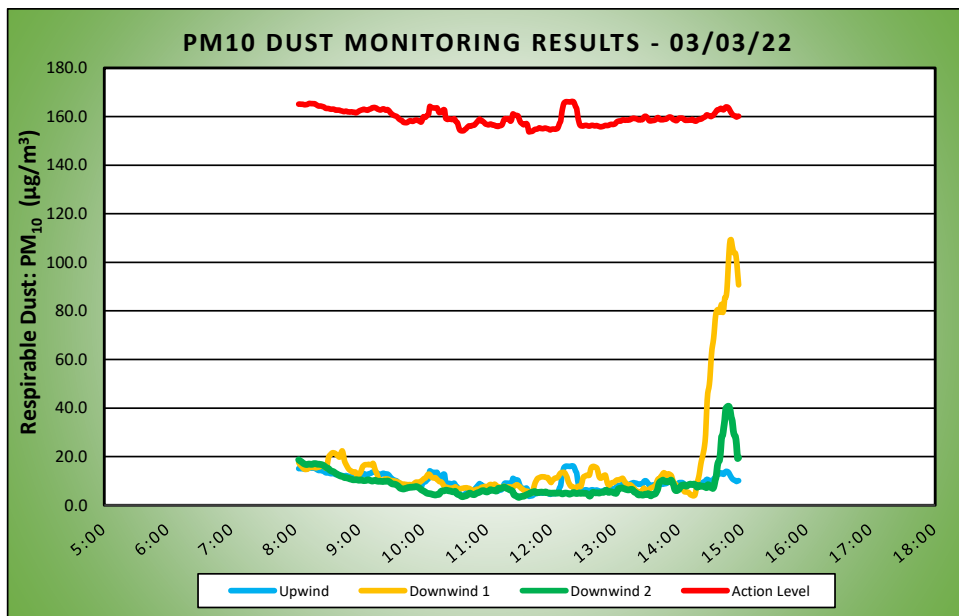
By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

	<h1 style="text-align: center;">DAILY AIR MONITORING REPORT</h1> <h2 style="text-align: center;">Willets Point OU-1</h2> <h3 style="text-align: center;">Queens, New York</h3>				03/03/22	
					Project number: 170197605	
					Page 1 of 2	Rev. No. 0
					Submitted By:	
					Dust Action Level	150 $\mu\text{g}/\text{m}^3$
TVOC Action Level	5 ppm					

Weather Data Range for Work Day		Wind Direction	NW	Relative Humidity (%)	27.0 - 64.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	39.0 - 42.0	Wind Speed (MPH)	15.0 - 23.0	Barometer (inHg)	29.90 - 30.10			

Station Location Area	Work	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind		9.8	16.2	12:20	0.0	0.0	8:03
Downwind 1		16.9	109.3	14:49	0.0	0.1	10:48
Downwind 2		8.9	40.8	14:46	0.0	0.0	8:03



Air Monitoring Notes:

Sampling Notes:

Weather Notes:



CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Friday, March 4, 2022 WEATHER: Clear, 30s-40s °F TIME: 6:00 AM – 4:30 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 410L backhoe John Deere 710L backhoe CAT 272D skid-steer loader CAT M322C excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller CAT D6 bulldozer CAT 745C rock truck Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Vactor truck Box truck	PRESENT AT SITE: Langan: Luke McCartney Triumph Construction (General Contractor): 10-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only)
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph completed backfilling and grading in grids E9 and F9 and the BOE el 3 over-excavation in grids G8 and G9 with clean sand topped with gravel above the demarcation layer. Triumph completed excavation of petroleum-impacted soil from the UST area in grid D2. Soil with staining, odors, and PID readings up to about 555 ppm were excavated and stockpiled on plastic separately from general site materials for export coordination. Excavation extents were limited to the west by the Seaver Way sidewalk and to the north by the OU-2 boundary; the excavation was extended to the south and east. The completed excavation measured about 60 feet long by 30 feet wide to depths between 9 and 11 feet bgs. Langan observed the soil profile to be fill underlain by clay. Timber piles formerly supporting the UST slab were observed during excavation. Limited groundwater with a minor amount of product was observed in the completed excavation. Following excavation completion, Langan collected endpoint samples and Triumph began backfilling the bottom of the excavation below the groundwater table with quarry gravel, placement of the demarcation barrier, and backfilling with clean sand compacted in 1-foot lifts. Triumph began regrading previously placed cap material in grids D7, D8, and D9 that was used as an equipment access roadway. Triumph used a street sweeper to continue cleaning the site entrances and exits and along Seaver Way from Roosevelt Avenue up to about former 37th Avenue. Impacts Observed <ul style="list-style-type: none"> Petroleum-like impacts including staining, odors, and PID readings up to about 555 ppm in soil and minor free-phase product on groundwater were observed in the completed UST excavation area. Product appeared to be entering the excavation from the northwest corner. Excavation to the west and north were impeded by the proximity of the Seaver Way sidewalk and OU-2 site boundary. 	
cc: Project Team	By: Luke McCartney Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Sampling

- Following completion of excavation of petroleum-impacted soil from the UST area, the following UST removal excavation samples were collected and submitted to Alpha Analytical, Inc., a NYSDOH ELAP-certified laboratory in Westborough, Massachusetts (ELAP No. 11148), for CP-51 VOC and SVOC analyses:
 - EPB300_el-4
 - EPB301_el-4
 - EPB302_el-4
 - EPB303_el-4
 - EPB304_el-4
 - EPB305_el-4
 - EPS306_el1
 - EPS307_el1
 - EPS308_el1
 - EPS309_el1
 - EPS310_el1
 - EPS311_el1
 - SOFB42_030422 (QA/QC VOCs and SVOCs)
 - SOTB42_030422 (QA/QC)
 - GW01_030422
 - FB01_030422

Note: sidewall soil samples were collected within the 1-foot interval above the fill-clay horizon, where the greatest degree of residual petroleum-like impacts were apparent.

cc: Project Team

By:

Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Material Tracking

Summary of Imported Material

Material/ Facility	¾-inch RCA		¾-inch Quarry Stone		4-inch RCA		¾-Inch #2 Quarry Stone	
	EROC		EROC (Braen Royalties quarry)		EROC		E. Tetz (Mongaup Valley Quarry)	
	Corona, NY		Corona, NY		Corona, NY		Monticello, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	2	56	9	170.36	0	0	0	0
Total	203	5,447.3	364	7,505.88	14	352.80	1	36.75

Material/ Facility	Clean Fill		¾-inch #2 Quarry Stone		¾- inch and 3/8-inch #5 Quarry Stone		Clean Fill	
	EROC		Callanan Industries		E.Tetz (Chester Site)		Durante Bros.	
	Corona, NY		Bridgeville, NY		Chester, NY		Queens, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0
Total	133	4,785.2	255	8,370.17	5	170.69	882	22,226.4

Material/ Facility	SCA Clean Fill		SCA Clean Fill	
	15 Walker Road		EROC	
	Valhalla, NY		Corona, NY	
	Trucks	Tons	Trucks	Tons
Today	0	0	4	112
Total	14	532.55	414	11,421.2

Summary of Exported Material

Material/ Facility	Concrete/C&D		Concrete		Mixed Concrete & Asphalt		Scrap Metal	
	EROC		Durante Bros.		E. Tetz		Allocco Recycling	
	Corona, NY		Flushing, NY		Middletown, NY		Brooklyn, NY	
	Trucks	CY*	Trucks	CY*	Trucks	CY*	Trucks	CY*
Today	0	0	0	0	0	0	0	0
Total	89	1,989	346	9,141	129	4,128	1**	30

Material/ Facility	Hazardous Lead Soil		Non-Hazardous Soil	
	CENJ		Hazleton Creek Properties	
	Kearny, NY		Hazleton, PA	
	Trucks	CY*	Trucks	Tons***
Today	0	0	13	381.55
Total	1	18	3,127	91,302.85

*CY amount is based on truck capacity, which includes void spaces.

**Tracking scrap containers containing tanks only

*** Estimated tonnage adjusted based on an average net weight of 29.35 tons, from 190 loads, from Hazleton countersigned manifests on 11/9, 11/10, 11/11, and 11/15.

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Community Air Monitoring Plan Activities

- Langan performed community air monitoring at the perimeter of the work area at one upwind and two 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).
- No fugitive dust or odors associated with site activities were observed migrating from the site.

Anticipated Activities

- Triumph will continue to maintain sedimentation controls.
- Triumph will continue removal of soil/fill for disposal at Hazleton Creek Properties, LLC in Hazleton, Pennsylvania under PADEP approval #5100.
- Mirmax will continue to survey the final grading elevations across the site.
- Langan will collect remaining documentation samples.
- Triumph will finalize imports, placement, and compaction of backfill material.
- Triumph will complete installation of dewatering system discharge piping through the OU-2 staging area trench to the proposed sewer connection along Seaver Way once NYCDEP clears out the sewer line.
- Triumph will continue to backfill the UST and soil removal excavation.

cc: Project Team

By:

Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: UST removal area prior to excavation (facing west)



Photo 2: UST removal area following excavation (facing east)

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.



Photo 3: UST removal excavation being backfilled (facing south)



Photo 4: Final capping placed in the northeastern area of site (facing west)

cc: Project Team

By: Luke McCartney

















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

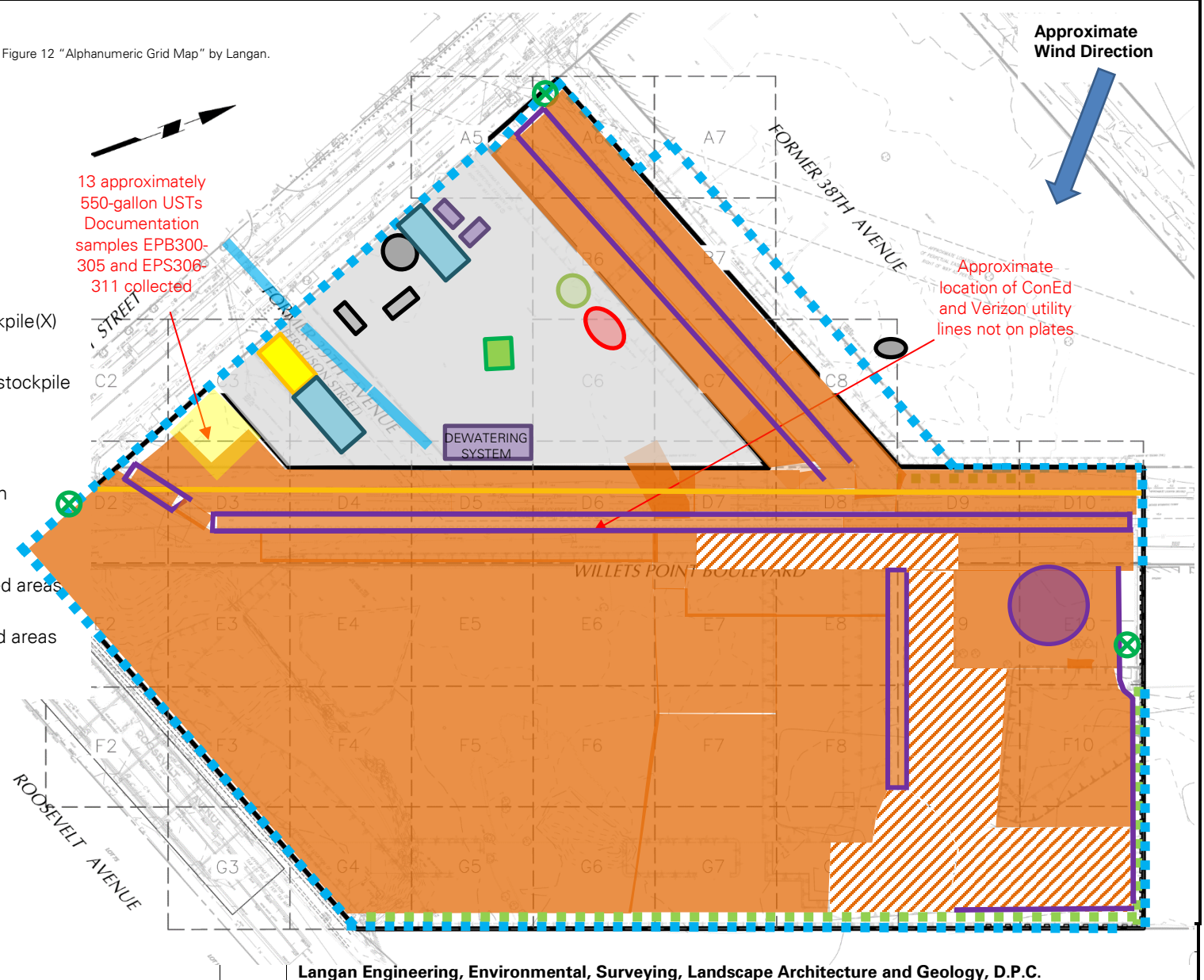
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile(X)
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/
Construction Entrance
-  CAMP Station
-  Appx. Nat Grid gas main
-  Mechanical Screener
-  OU-2 Staging Area
-  Area Excavated (hatched areas
completed today)
-  Area Backfilled (hatched areas
completed today)
-  Steel Sheeting



cc: Project Team






Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:


- OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

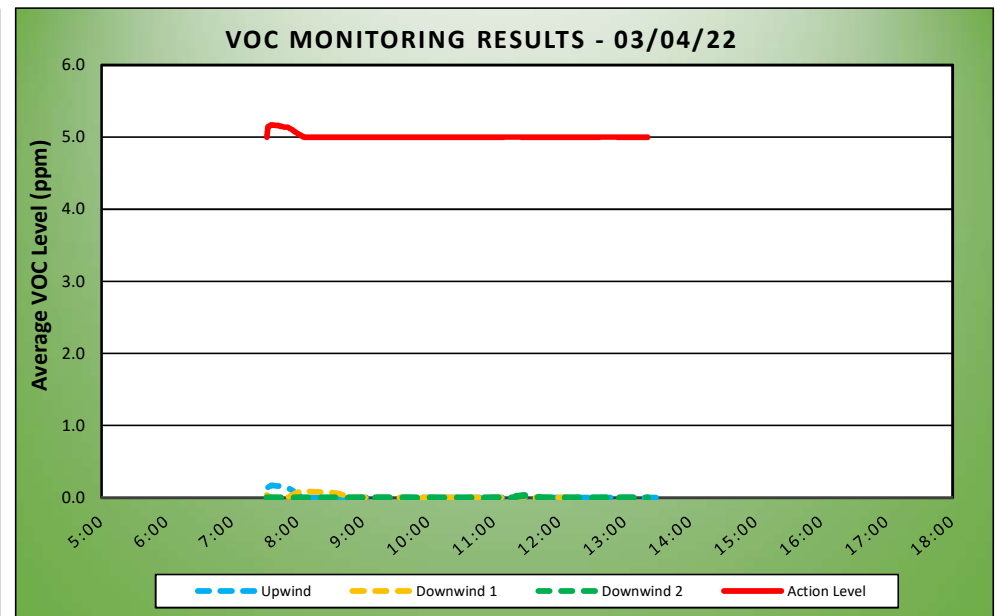
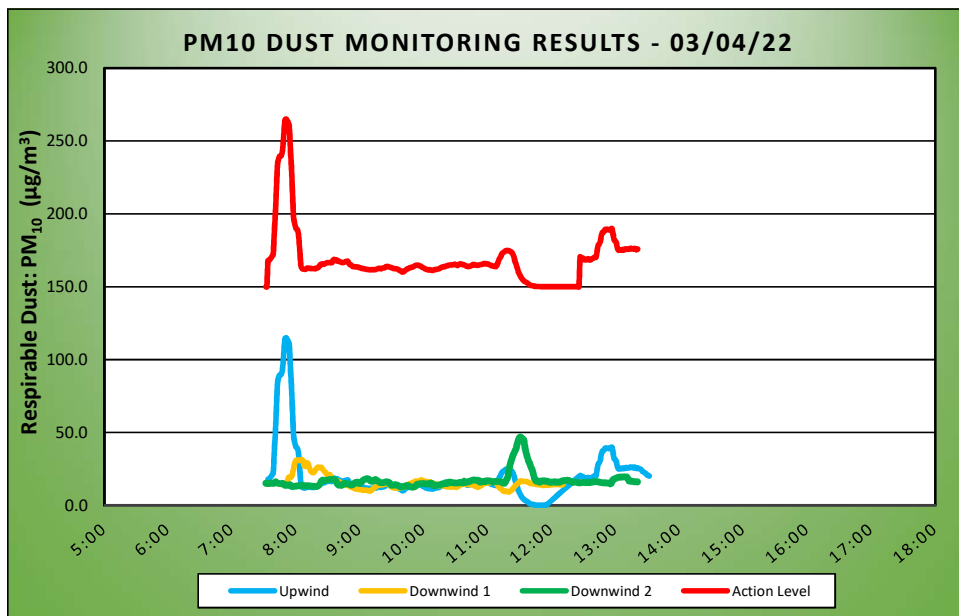
By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

	<h1 style="text-align: center;">DAILY AIR MONITORING REPORT</h1> <h2 style="text-align: center;">Willets Point OU-1</h2> <h3 style="text-align: center;">Queens, New York</h3>				03/04/22	
					Project number: 170197605	
					Page 1 of 2	Rev. No. 0
					Submitted By:	
					Dust Action Level	150 $\mu\text{g}/\text{m}^3$
TVOC Action Level	5 ppm					

Weather Data Range for Work Day		Wind Direction	N	Relative Humidity (%)	26.0 - 48.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	22.0 - 33.0	Wind Speed (MPH)	3.5 - 10.4	Barometer (inHg)	30.50 - 30.60			

Station Location Area	Work	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind		20.2	115.0	7:51	0.0	0.2	7:36
Downwind 1		15.9	31.4	8:06	0.0	0.1	8:06
Downwind 2		17.0	47.0	11:31	0.0	0.0	11:29



Air Monitoring Notes:

Sampling Notes:

Weather Notes:



CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Saturday, March 5, 2022 WEATHER: Clear, 40s °F TIME: 8:00 AM – 1:00 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 410L backhoe John Deere 710L backhoe CAT 272D skid-steer loader CAT M322C excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller CAT D6 bulldozer CAT 745C rock truck Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Vactor truck Box truck	PRESENT AT SITE: Langan: Luke McCartney Triumph Construction (General Contractor): 7-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only)
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph continued backfilling the bottom of the UST removal excavation with clean sand compacted in 1-foot lifts topped by quarry gravel. Triumph continued grading quarry gravel in the northeastern part of the site. Triumph applied one coat of green paint and patched damaged areas of the construction fencing along Roosevelt Avenue and Seaver Way to cover graffiti in accordance with the NYC DOB. Triumph used a street sweeper to continue cleaning the site entrances and exits and along Seaver Way from Roosevelt Avenue up to about former 37th Avenue. Impacts Observed <ul style="list-style-type: none"> None Sampling <ul style="list-style-type: none"> After Triumph confirmed remedial excavation design depths, the following documentation sample was collected and submitted to Alpha Analytical, Inc., a NYSDOH ELAP-certified laboratory in Westborough, Massachusetts (ELAP No. 11148), for analysis of NYSDEC Part 375/TCL VOCs and SVOCs, PCBs, pesticides/herbicides, Part 375/TAL metals (including hexavalent/trivalent chromium), cyanide, PFAS, and 1,4-dioxane: <ul style="list-style-type: none"> EPB125_el-4 SOFB43_030522 (QA/QC PFAS only) SOTB43_030522 (QA/QC) 	
cc: Project Team	By: Luke McCartney/Kate Marino Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Material Tracking

Summary of Imported Material

Material/ Facility	¾-inch RCA		¾-inch Quarry Stone		4-inch RCA		¾-Inch #2 Quarry Stone	
	EROC		EROC (Braen Royalties quarry)		EROC		E. Tetz (Mongaup Valley Quarry)	
	Corona, NY		Corona, NY		Corona, NY		Monticello, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0
Total	203	5,447.3	364	7,505.88	14	352.80	1	36.75

Material/ Facility	Clean Fill		¾-inch #2 Quarry Stone		¾- inch and 3/8-inch #5 Quarry Stone		Clean Fill	
	EROC		Callanan Industries		E.Tetz (Chester Site)		Durante Bros.	
	Corona, NY		Bridgeville, NY		Chester, NY		Queens, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0
Total	133	4,785.2	255	8,370.17	5	170.69	882	22,226.4

Material/ Facility	SCA Clean Fill		SCA Clean Fill	
	15 Walker Road		EROC	
	Valhalla, NY		Corona, NY	
	Trucks	Tons	Trucks	Tons
Today	0	0	0	0
Total	14	532.55	414	11,421.2

Summary of Exported Material

Material/ Facility	Concrete/C&D		Concrete		Mixed Concrete & Asphalt		Scrap Metal	
	EROC		Durante Bros.		E. Tetz		Allocco Recycling	
	Corona, NY		Flushing, NY		Middletown, NY		Brooklyn, NY	
	Trucks	CY*	Trucks	CY*	Trucks	CY*	Trucks	CY*
Today	0	0	0	0	0	0	0	0
Total	89	1,989	346	9,141	129	4,128	1**	30

Material/ Facility	Hazardous Lead Soil		Non-Hazardous Soil	
	CENJ		Hazleton Creek Properties	
	Kearny, NY		Hazleton, PA	
	Trucks	CY*	Trucks	Tons***
Today	0	0	0	0
Total	1	18	3,127	91,302.85

*CY amount is based on truck capacity, which includes void spaces.

**Tracking scrap containers containing tanks only

*** Estimated tonnage adjusted based on an average net weight of 29.35 tons, from 190 loads, from Hazleton countersigned manifests on 11/9, 11/10, 11/11, and 11/15.

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Community Air Monitoring Plan Activities

- Langan performed community air monitoring at the perimeter of the work area at one upwind and two 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).
- No fugitive dust or odors associated with site activities were observed migrating from the site.

Anticipated Activities

- Triumph will continue to maintain sedimentation controls.
- Triumph will finalize removal of soil/fill for disposal at Hazleton Creek Properties, LLC in Hazleton, Pennsylvania under PADEP approval #5100.
- Mirmax will continue to survey the final grading elevations across the site.
- Langan will collect remaining documentation samples.
- Triumph will finalize imports, placement, and compaction of backfill material.
- Triumph will complete installation of dewatering system discharge piping through the OU-2 staging area trench to the proposed sewer connection along Seaver Way once NYCDEP clears out the sewer line.
- Triumph will finalize grading the UST and soil removal excavation and surrounding area.

cc: Project Team

By:

Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Backfilling UST removal excavation (facing east).



Photo 2: Repainted construction fence along Seaver Way (facing north).

cc: Project Team

By: Luke McCartney

















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

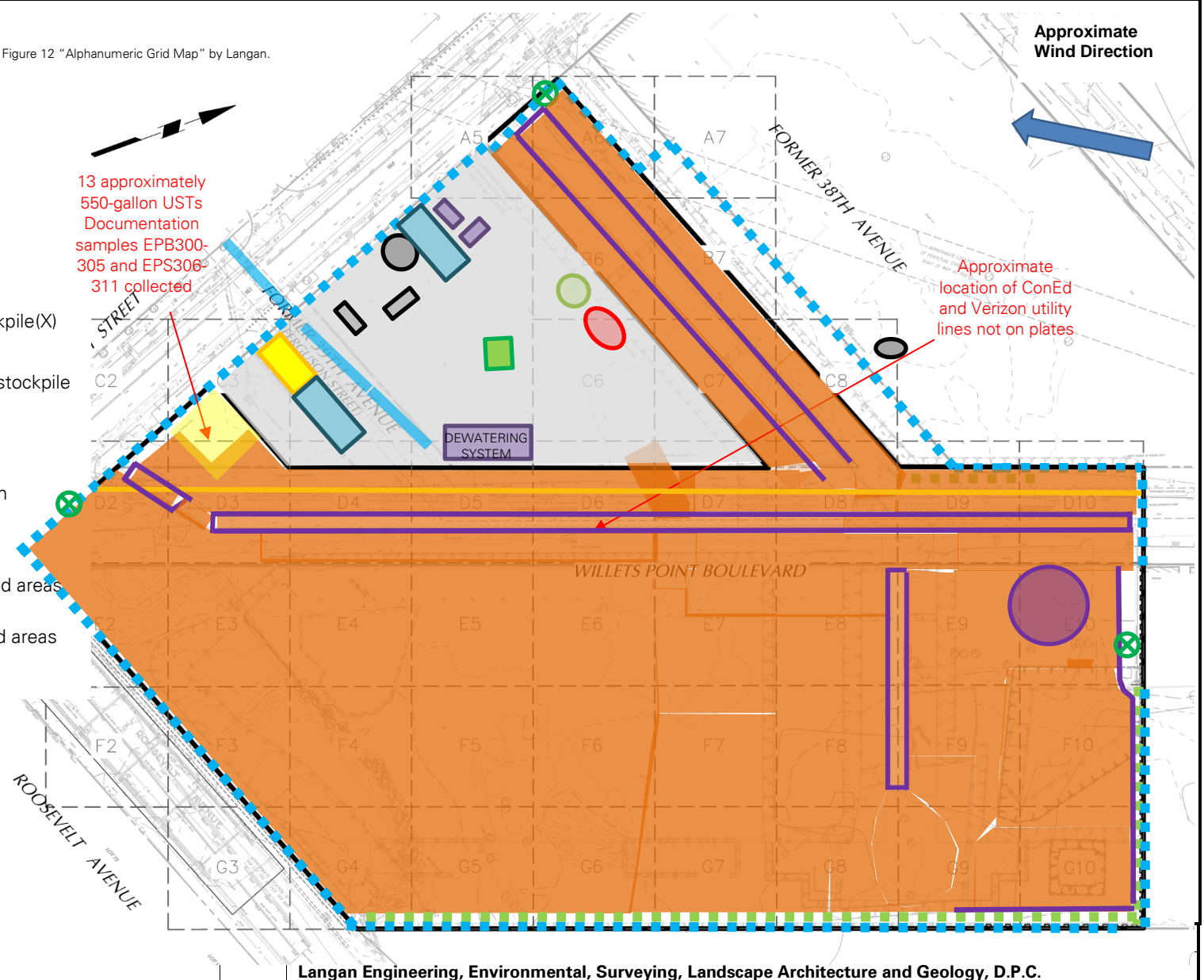
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile(X)
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/
Construction Entrance
-  CAMP Station
-  Appx. Nat Grid gas main
-  Mechanical Screener
-  OU-2 Staging Area
-  Area Excavated (hatched areas
completed today)
-  Area Backfilled (hatched areas
completed today)
-  Steel Sheeting



cc: Project Team

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:


- OU-1 Site Boundary
- Proposed Documentation Base Soil Sample
- Proposed Documentation Sidewalk Soil Sample
- Collected Documentation Soil Sample
- Additional Documentation Sample Collected Within Petroleum Source Area(s)
- Sidewalk Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet



cc: Project Team

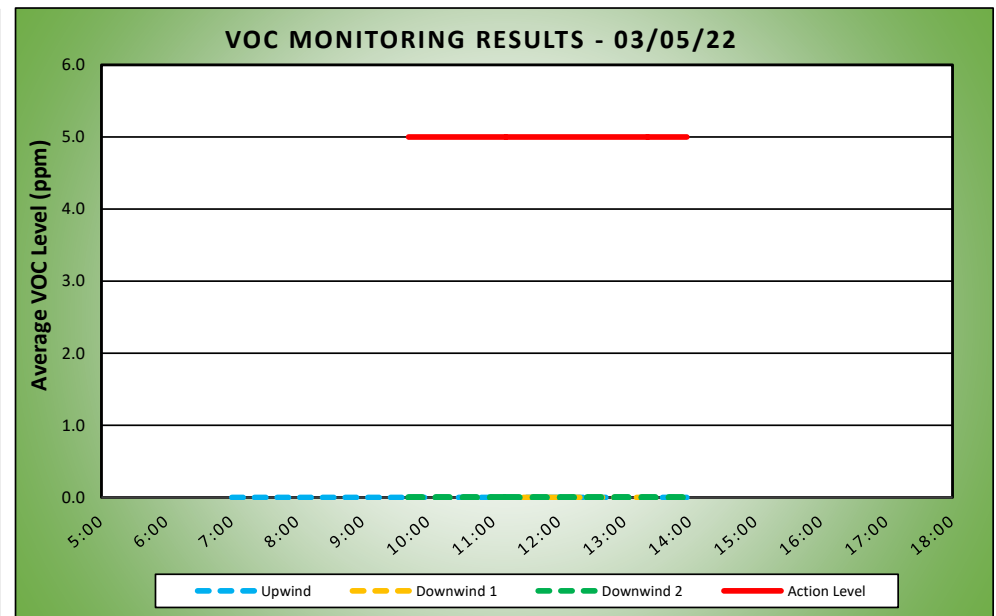
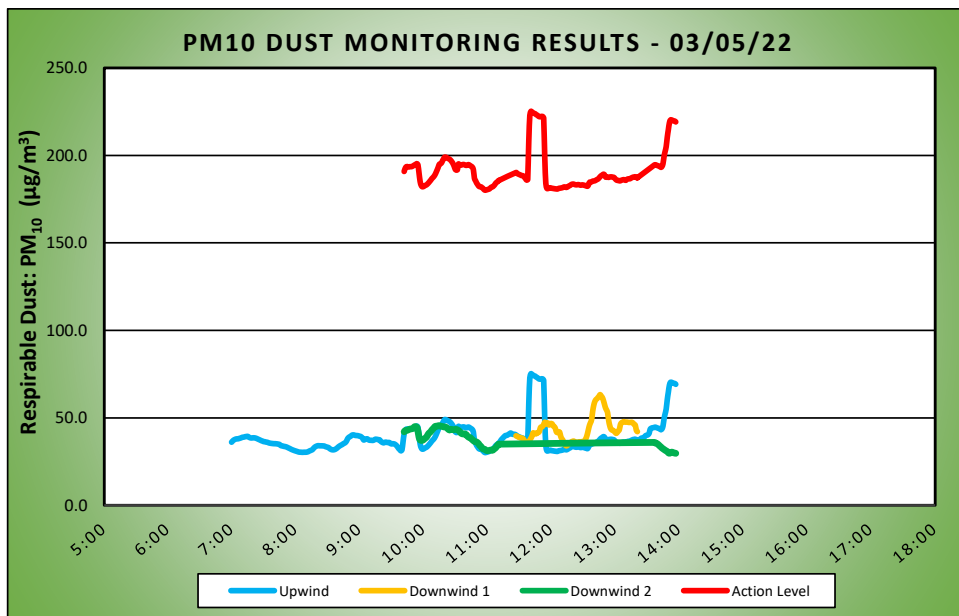
By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

	<h1 style="text-align: center;">DAILY AIR MONITORING REPORT</h1> <h2 style="text-align: center;">Willets Point OU-1</h2> <h3 style="text-align: center;">Queens, New York</h3>				03/05/22	
					Project number: 170197605	
					Page 1 of 2	Rev. No. 0
					Submitted By:	
					Dust Action Level	150 $\mu\text{g}/\text{m}^3$
TVOC Action Level	5 ppm					

Weather Data Range for Work Day		Wind Direction	NE	Relative Humidity (%)	28.0 - 66.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	31.0 - 44.0	Wind Speed (MPH)	4.6 - 8.1	Barometer (inHg)	30.50 - 30.50			

Station Location Area	Work	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind		39.2	75.2	11:41	0.0	0.0	7:00
Downwind 1		43.5	63.3	12:46	0.0	0.0	11:27
Downwind 2		37.6	45.5	10:15	0.0	0.0	9:42



Air Monitoring Notes:

Sampling Notes:

Weather Notes:

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Monday, March 7, 2022 WEATHER: Partly cloudy, 40s °F TIME: 5:45 AM – 4:00 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 410L backhoe John Deere 710L backhoe CAT 272D skid-steer loader CAT M322C excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller CAT D6 bulldozer CAT 745C rock truck Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Vactor truck Box truck Geoprobe 6610DT Drill Rig	PRESENT AT SITE: Langan: Luke McCartney Triumph Construction (General Contractor): 7-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only) Lakewood Environmental Services, Corp. (Triumph Driller): 2-person crew
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph continued backfilling the UST excavation in grids C3 and D3 with quarry gravel. Triumph continued grading quarry gravel in the northeastern and central parts of the site. Triumph applied a second coat of green paint and patched damaged areas of the construction fencing along Roosevelt Avenue and Seaver Way to cover graffiti in accordance with the NYC DOB. Triumph used a street sweeper to continue cleaning the site entrances and exits and along Seaver Way from Roosevelt Avenue up to about former 37th Avenue. Lakewood completed re-installation of the following OU-1 monitoring wells that were destroyed during construction activities: C-MW201, D-MW201, C-MW205. Lakewood installed C-RMW01. Lakewood reinstalled the standpipes for the following monitoring wells: C-MW112 and C-MW206. Triumph transferred the OU-2 Remedial Investigation purge water from drums to the water treatment system fractionation tank for treatment. Impacts Observed <ul style="list-style-type: none"> None Sampling <ul style="list-style-type: none"> None 	
cc: Project Team	By: Luke McCartney Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Material Tracking

Summary of Imported Material

Material/ Facility	¾-inch RCA		¾-inch Quarry Stone		4-inch RCA		¾-Inch #2 Quarry Stone	
	EROC		EROC (Braen Royalties quarry)		EROC		E. Tetz (Mongaup Valley Quarry)	
	Corona, NY		Corona, NY		Corona, NY		Monticello, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	8	161.55	0	0	0	0
Total	203	5,447.3	372	7,667.43	14	352.80	1	36.75

Material/ Facility	Clean Fill		¾-inch #2 Quarry Stone		¾- inch and 3/8-inch #5 Quarry Stone		Clean Fill	
	EROC		Callanan Industries		E.Tetz (Chester Site)		Durante Bros.	
	Corona, NY		Bridgeville, NY		Chester, NY		Queens, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0
Total	133	4,785.2	255	8,370.17	5	170.69	882	22,226.4

Material/ Facility	SCA Clean Fill		SCA Clean Fill	
	15 Walker Road		EROC	
	Valhalla, NY		Corona, NY	
	Trucks	Tons	Trucks	Tons
Today	0	0	0	0
Total	14	532.55	414	11,421.2

Summary of Exported Material

Material/ Facility	Concrete/C&D		Concrete		Mixed Concrete & Asphalt		Scrap Metal	
	EROC		Durante Bros.		E. Tetz		Allocco Recycling	
	Corona, NY		Flushing, NY		Middletown, NY		Brooklyn, NY	
	Trucks	CY*	Trucks	CY*	Trucks	CY*	Trucks	CY*
Today	0	0	0	0	0	0	0	0
Total	89	1,989	346	9,141	129	4,128	1**	30

Material/ Facility	Hazardous Lead Soil		Non-Hazardous Soil	
	CENJ		Hazleton Creek Properties	
	Kearny, NY		Hazleton, PA	
	Trucks	CY*	Trucks	Tons***
Today	0	0	15	440.25
Total	1	18	3,142	91,743.1

*CY amount is based on truck capacity, which includes void spaces.

**Tracking scrap containers containing tanks only

*** Estimated tonnage adjusted based on an average net weight of 29.35 tons, from 190 loads, from Hazleton countersigned manifests on 11/9, 11/10, 11/11, and 11/15.

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Community Air Monitoring Plan Activities

- CAMP was not implemented because the trailer lost power over the weekend and no batteries were charged.
- No fugitive dust or odors associated with site activities were observed migrating from the site.

Anticipated Activities

- Triumph will continue to maintain sedimentation controls.
- Mirmax will finish surveying the final grading elevations across the site.
- Langan will collect remaining documentation samples.
- Triumph will finalize imports, placement, and compaction of backfill material.
- Triumph will complete installation of dewatering system discharge piping through the OU-2 staging area trench to the proposed sewer connection along Seaver Way once NYCDEP clears out the sewer line.
- Lakewood will install the remaining monitoring wells.

cc: Project Team

By:

Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Final export for disposal to Hazleton (facing west)



Photo 2: Repainted construction fence along Roosevelt Avenue (facing west)

cc: Project Team

By: Luke McCartney

















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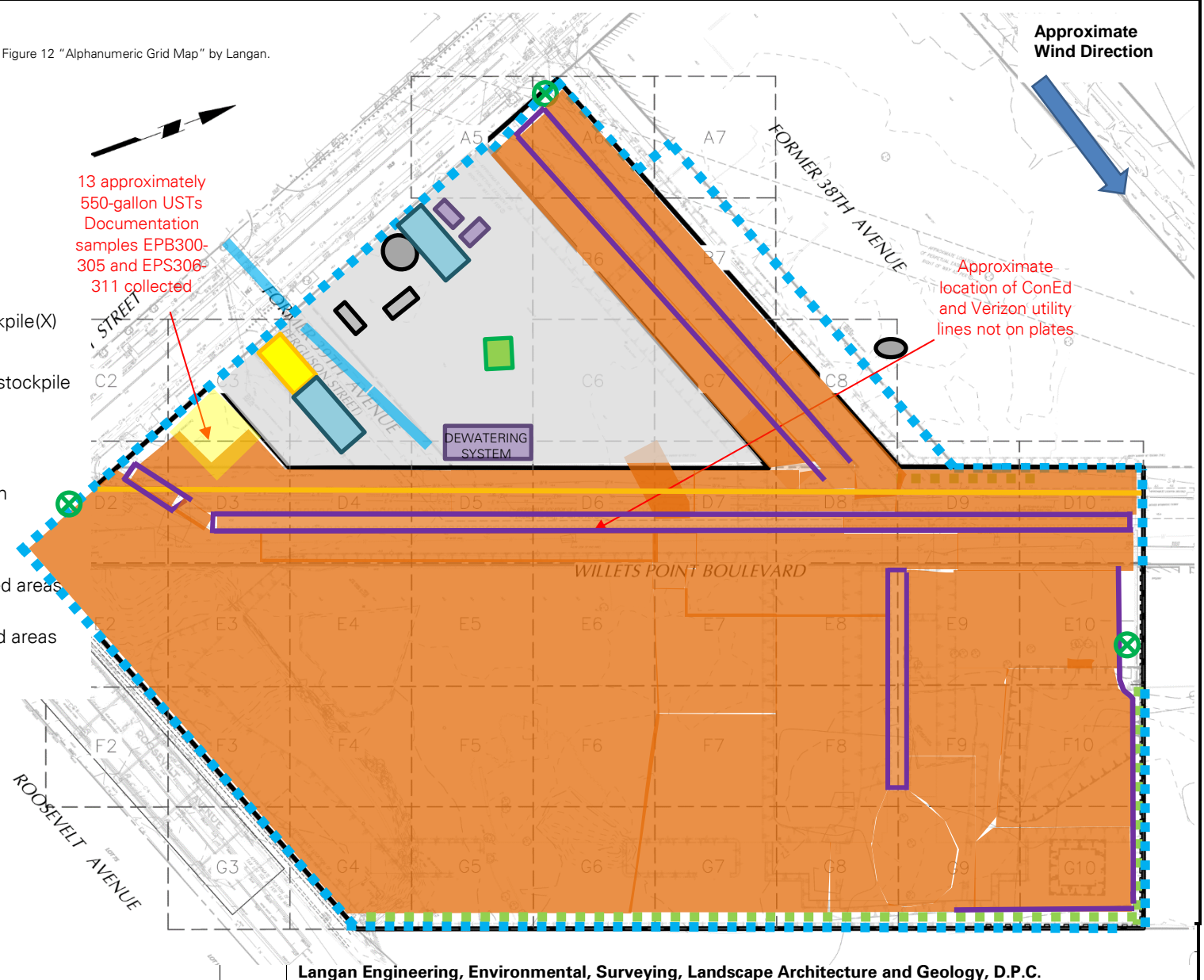
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile(X)
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/
Construction Entrance
-  CAMP Station
-  Appx. Nat Grid gas main
-  Mechanical Screener
-  OU-2 Staging Area
-  Area Excavated (hatched areas
completed today)
-  Area Backfilled (hatched areas
completed today)
-  Steel Sheet



cc: Project Team






Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:

- OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet



cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Tuesday, March 8, 2022 WEATHER: Partly cloudy, 40s °F TIME: 7:00 AM – 5:00 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 710L backhoe CAT M322C excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller CAT D6 bulldozer Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Box truck Geoprobe 6610DT Drill Rig	PRESENT AT SITE: Langan: Luke McCartney/Sophia Misiakiewicz Triumph Construction (General Contractor): 7-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only) Lakewood Environmental Services, Corp. (Triumph Driller): 2-person crew
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph continued grading quarry gravel in the central parts of the site. Triumph completed housekeeping activities across the site. Triumph continued demobilizing equipment from the site. Triumph used a street sweeper to continue cleaning the site entrances and exits and along Seaver Way from Roosevelt Avenue up to about former 37th Avenue. Lakewood completed re-installation of the following OU1 monitoring wells that were destroyed during construction activities: A-MW204, A-MW115, B-MW206, and E-MW01. Impacts Observed <ul style="list-style-type: none"> Petroleum-like impacts including staining, odors, and PID readings up to 2.5 ppm were detected in confirmation endpoint samples. Sampling <ul style="list-style-type: none"> After Triumph confirmed remedial excavation design depths, the following documentation sample was collected and submitted to Alpha Analytical, Inc., a NYSDOH ELAP-certified laboratory in Westborough, Massachusetts (ELAP No. 11148), for analysis of NYSDEC Part 375/TCL VOCs and SVOCs, PCBs, pesticides/herbicides, Part 375/TAL metals (including hexavalent/trivalent chromium), cyanide, PFAS, and 1,4-dioxane: <ul style="list-style-type: none"> EPB120_el6 (+ MS/MSD QA/QC and SODUP11_030822) EPB152_el2 EPB179_el2 SODUP11_030822 SOFB44_030822 (QA/QC Full Suite) SOTB44_030822 (QA/QC) 	
cc: Project Team	By: Luke McCartney Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Material Tracking

Summary of Imported Material

Material/ Facility	¾-inch RCA		¾-inch Quarry Stone		4-inch RCA		¾-Inch #2 Quarry Stone	
	EROC		EROC (Braen Royalties quarry)		EROC		E. Tetz (Mongaup Valley Quarry)	
	Corona, NY		Corona, NY		Corona, NY		Monticello, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	9	191.9	0	0	0	0
Total	203	5,447.3	381	7,859.33	14	352.80	1	36.75

Material/ Facility	Clean Fill		¾-inch #2 Quarry Stone		¾- inch and 3/8-inch #5 Quarry Stone		Clean Fill	
	EROC		Callanan Industries		E.Tetz (Chester Site)		Durante Bros.	
	Corona, NY		Bridgeville, NY		Chester, NY		Queens, NY	
	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0
Total	133	4,785.2	255	8,370.17	5	170.69	882	22,226.4

Material/ Facility	SCA Clean Fill		SCA Clean Fill	
	15 Walker Road		EROC	
	Valhalla, NY		Corona, NY	
	Trucks	Tons	Trucks	Tons
Today	0	0	0	0
Total	14	532.55	414	11,421.2

Summary of Exported Material

Material/ Facility	Concrete/C&D		Concrete		Mixed Concrete & Asphalt		Scrap Metal	
	EROC		Durante Bros.		E. Tetz		Allocco Recycling	
	Corona, NY		Flushing, NY		Middletown, NY		Brooklyn, NY	
	Trucks	CY*	Trucks	CY*	Trucks	CY*	Trucks	CY*
Today	0	0	0	0	0	0	0	0
Total	89	1,989	346	9,141	129	4,128	1**	30

Material/ Facility	Hazardous Lead Soil		Non-Hazardous Soil	
	CENJ		Hazleton Creek Properties	
	Kearny, NY		Hazleton, PA	
	Trucks	CY*	Trucks	Tons***
Today	0	0	0	0
Total	1	18	3,142	91,743.1

*CY amount is based on truck capacity, which includes void spaces.

**Tracking scrap containers containing tanks only

*** Estimated tonnage adjusted based on an average net weight of 29.35 tons, from 190 loads, from Hazleton countersigned manifests on 11/9, 11/10, 11/11, and 11/15.

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Community Air Monitoring Plan Activities

- Langan performed community air monitoring at the perimeter of the work area at one upwind and one downwind location 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).
- One downwind CAMP station was not operable due to issues with the battery.
- No fugitive dust or odors associated with site activities were observed migrating from the site.

Anticipated Activities

- Triumph will continue to maintain sedimentation controls.
- Triumph will finalize grading of the site cap across the site.
- Triumph will remove remaining tire and scrap metal for appropriate off-site disposal, including the 13 tanks removed from grids C3 and D3.
- Triumph will demobilize remaining equipment.
- Triumph will complete installation of dewatering system discharge piping through the OU-2 staging area trench to the proposed sewer connection along Seaver Way once NYCDEP clears out the sewer line.

cc: Project Team

By:

Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs

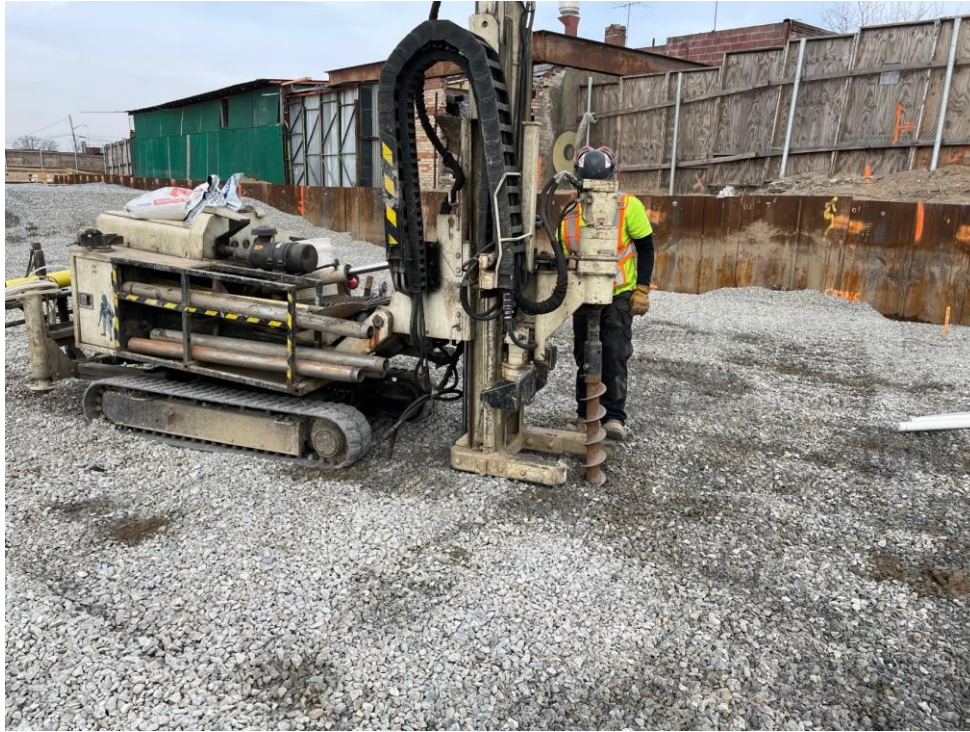


Photo 1: Installation of monitoring well (facing northwest)



Photo 2: Grading 4-inch layer of quarry gravel (facing south)

cc: Project Team

By: Luke McCartney
















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

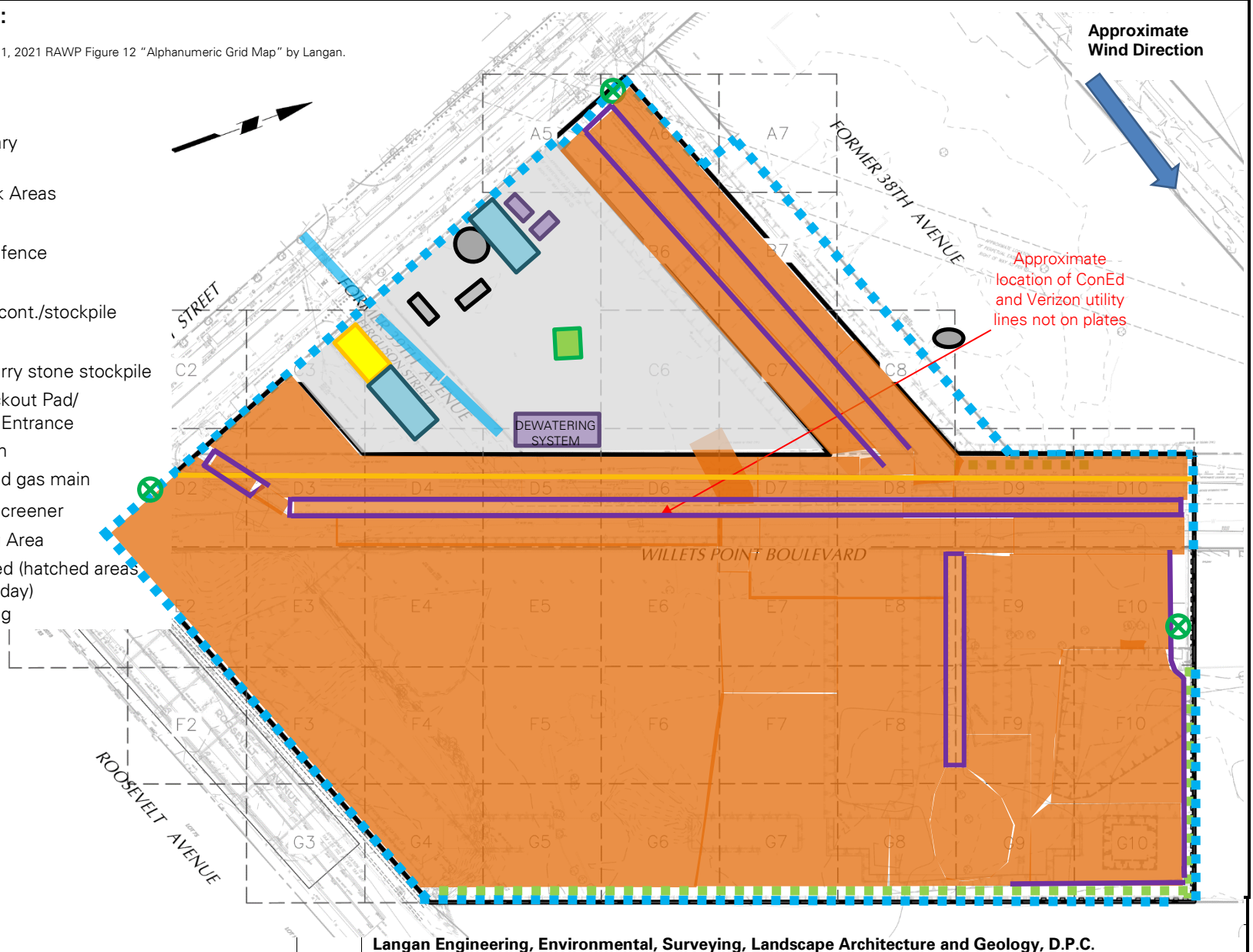
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/
Construction Entrance
-  CAMP Station
-  Appx. Nat Grid gas main
-  Mechanical Screener
-  OU-2 Staging Area
-  Area Backfilled (hatched areas
completed today)
-  Steel Sheet



cc: Project Team






Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

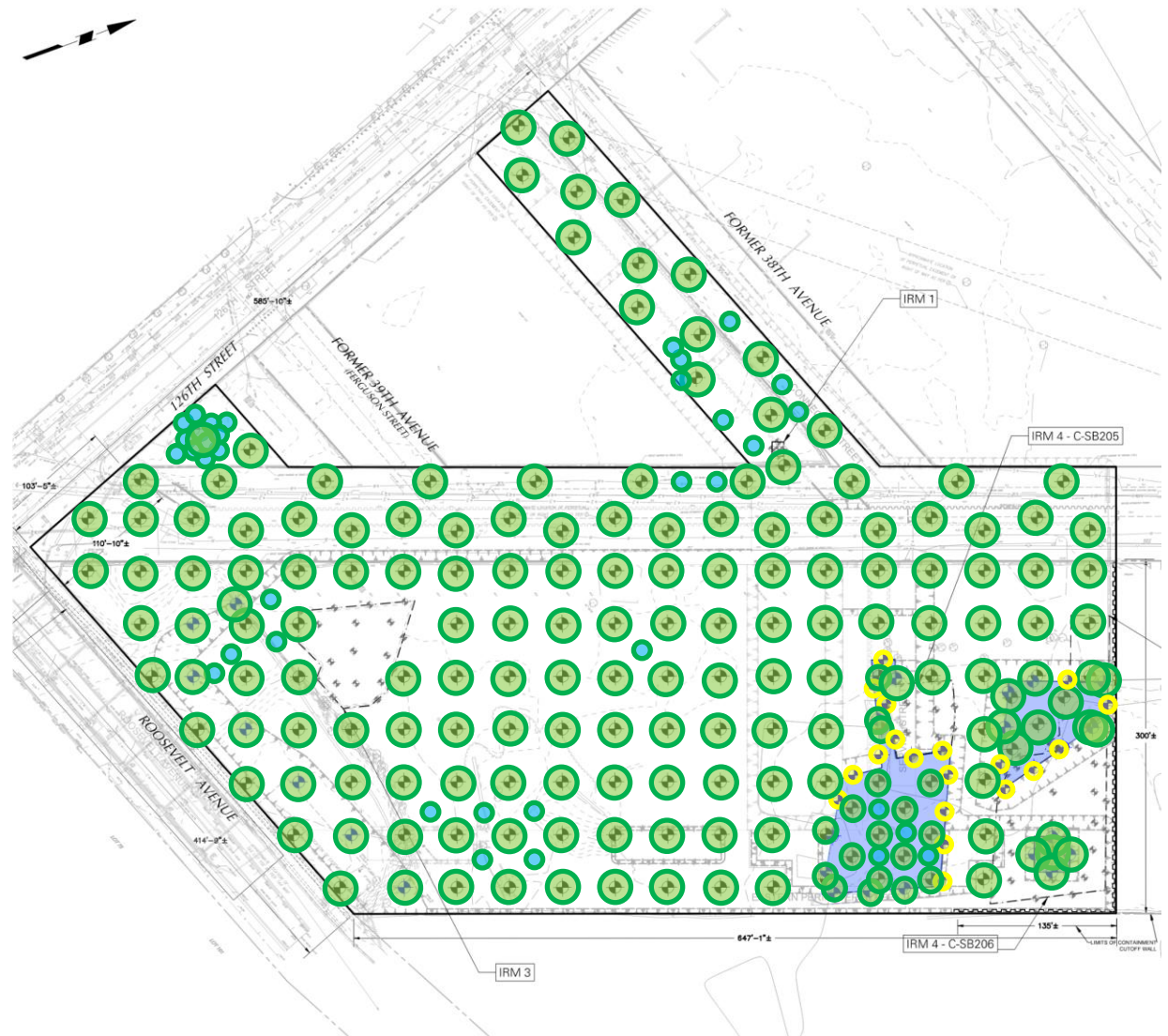
Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:

- OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

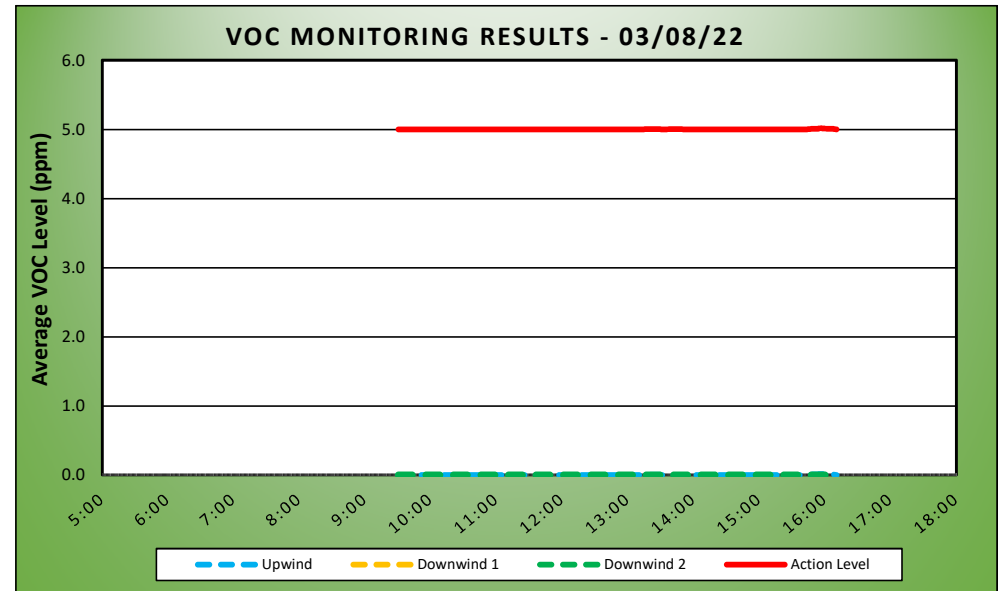
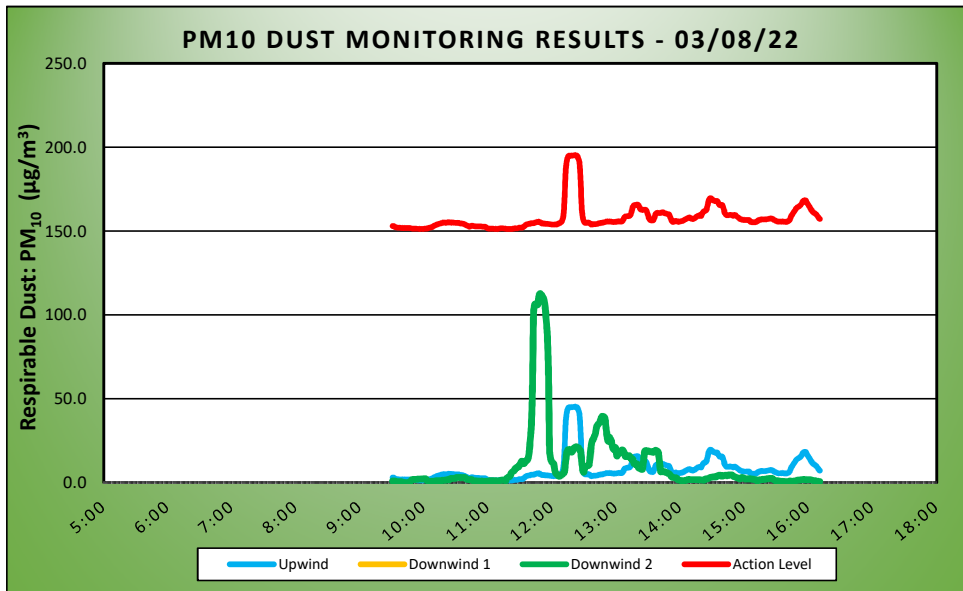
By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

	<h1 style="text-align: center;">DAILY AIR MONITORING REPORT</h1> <h2 style="text-align: center;">Willets Point OU-1</h2> <h3 style="text-align: center;">Queens, New York</h3>				03/08/22	
					Project number: 170197605	
					Page 1 of 2	Rev. No. 0
					Submitted By:	
					Dust Action Level	150 $\mu\text{g}/\text{m}^3$
TVOC Action Level	5 ppm					

Weather Data Range for Work Day		Wind Direction	WNW	Relative Humidity (%)	31.0 - 37.0	Daily Rain (in)	0.00	Readings in the summary table and graphs below are the reported downwind concentrations.
Temp (°F)	41.0 - 45.0	Wind Speed (MPH)	12.7 - 31.1	Barometer (inHg)	30.10 - 30.10			

Station Location Work Area	Daily Avg. Dust Concentration ($\mu\text{g}/\text{m}^3$)	Max 15 Min Dust Concentration ($\mu\text{g}/\text{m}^3$)	Time of Maximum 15 Minute Avg Dust Reading	Daily Avg. VOC Concentration (ppm)	Max 15 Min VOC Concentration (ppm)	Time of Max VOC Reading
Upwind	7.8	45.3	12:22	0.0	0.0	15:56
Downwind 1	#DIV/0!	0.0	#N/A	#DIV/0!	0.0	#N/A
Downwind 2	10.1	112.6	11:49	0.0	0.0	9:31



Air Monitoring Notes:

Sampling Notes:

Weather Notes:

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Wednesday, March 9, 2022 WEATHER: Partly cloudy, 40s °F TIME: 7:00 AM – 3:30 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 710L backhoe CAT 335D excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller CAT D6 bulldozer Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Box truck	PRESENT AT SITE: Langan: Luke McCartney/Sophia Misiakiewicz Triumph Construction (General Contractor): 8-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only)
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph continued grading quarry gravel in the central and southern parts of the site. Triumph completed housekeeping activities across the site. Triumph continued demobilizing equipment from the site. Triumph continued completing punch list items. Triumph separated tires and rims in preparation for disposal. Triumph used a street sweeper to continue cleaning the site entrances and exits and along Seaver Way from Roosevelt Avenue up to about former 37th Avenue. Impacts Observed <ul style="list-style-type: none"> None Sampling <ul style="list-style-type: none"> None Material Tracking <ul style="list-style-type: none"> No materials were imported or exported Community Air Monitoring Plan Activities <ul style="list-style-type: none"> The CAMP has been discontinued since the site has been stabilized with a composite cap consisting of 20-inches of clean fill topped with 4-inches of gravel and no intrusive activities were completed. No fugitive dust or odors associated with site activities were observed migrating from the site. Anticipated Activities <ul style="list-style-type: none"> Triumph will continue to maintain sedimentation controls. Triumph will finalize grading of the site cap across the site. 	
cc: Project Team	By: Luke McCartney Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

- Triumph will remove remaining tires and scrap metal for appropriate off-site disposal, including the 13 tanks removed from grids C3 and D3.
- Triumph will demobilize remaining equipment.
- Triumph will complete installation of dewatering system discharge piping through the OU-2 staging area trench to the proposed sewer connection along Seaver Way once NYCDEP clears out the sewer line.

cc: Project Team

By:

Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Construction fence re-painted (facing north)



Photo 2: Tires and scrap metal staged for disposal (facing west)

cc: Project Team

By: Luke McCartney
















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

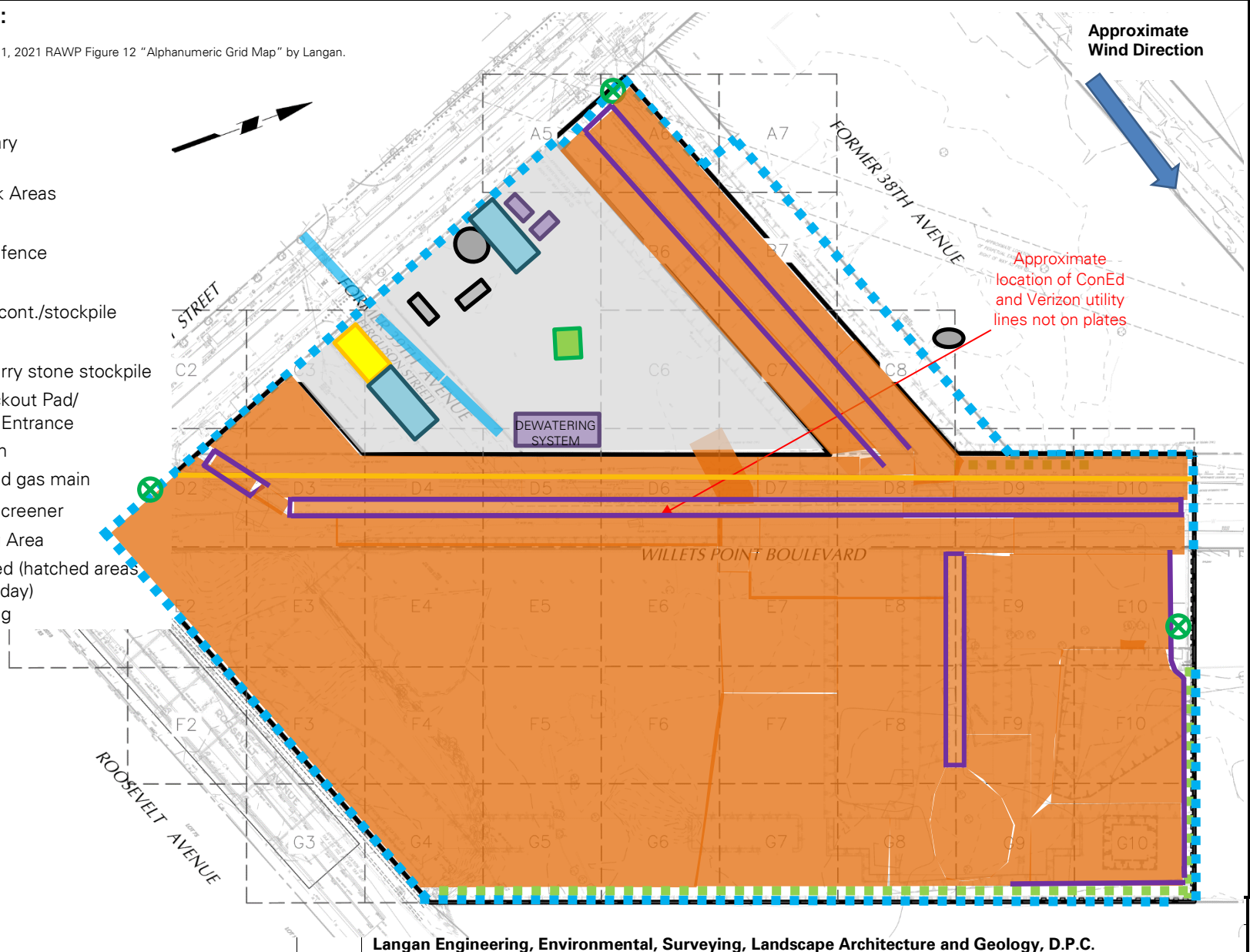
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/
Construction Entrance
-  CAMP Station
-  Appx. Nat Grid gas main
-  Mechanical Screener
-  OU-2 Staging Area
-  Area Backfilled (hatched areas
completed today)
-  Steel Sheet



cc: Project Team






Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:

- OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Thursday, March 10, 2022 WEATHER: Partly cloudy, 40s °F TIME: 7:00 AM – 4:30 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 710L backhoe CAT 335D excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller CAT D6 bulldozer Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Box truck	PRESENT AT SITE: Langan: Luke McCartney Triumph Construction (General Contractor): 8-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only)
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph continued grading quarry gravel in the southern parts of the site and graded and replaced ¾-inch quarry stone along the south side of former 38th Avenue. Triumph completed housekeeping activities across the site. Triumph continued demobilizing equipment from the site. Triumph continued completing punch list items. Triumph separated tires and rims in preparation for disposal. Triumph cleaned the F.O.D.S. entrance with pressurized water. Triumph continued dismantling the temporary parts of the dewatering system. Triumph completed placing gravel along the eastern slope of the site and behind the groundwater containment wall, except for the portion where it was realigned due to an encroaching building. Triumph used a street sweeper to continue cleaning the site entrances and exits and along Seaver Way from Roosevelt Avenue up to about former 37th Avenue. Triumph loaded the 13 cut and cleaned USTs into two scrap metal containers for disposal at Allocco Recycling, Inc. in Brooklyn, New York. Langan demobilized the CAMP equipment. Impacts Observed <ul style="list-style-type: none"> None Sampling <ul style="list-style-type: none"> None Material Tracking <ul style="list-style-type: none"> No materials were imported or exported. 	
cc: Project Team	By: Luke McCartney Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Community Air Monitoring Plan Activities

- The CAMP has been discontinued since the site has been stabilized with a composite cap consisting of 20-inches of clean fill topped with 4-inches of gravel and no intrusive activities were completed.
- No fugitive dust or odors associated with site activities were observed migrating from the site.

Anticipated Activities

- Triumph will continue to maintain sedimentation controls.
- Triumph will finalize grading of the site cap across the site.
- Triumph will remove remaining tires and scrap metal for appropriate off-site disposal, including the 13 tanks removed from grids C3 and D3.
- Triumph will demobilize remaining equipment.
- Triumph will complete installation of dewatering system discharge piping through the OU-2 staging area trench to the proposed sewer connection along Seaver Way once NYCDEP clears out the sewer line.

cc: Project Team

By:

Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Overview of site (facing southwest)



Photo 2: Tires and scrap metal staged for disassembly and disposal (facing southwest)

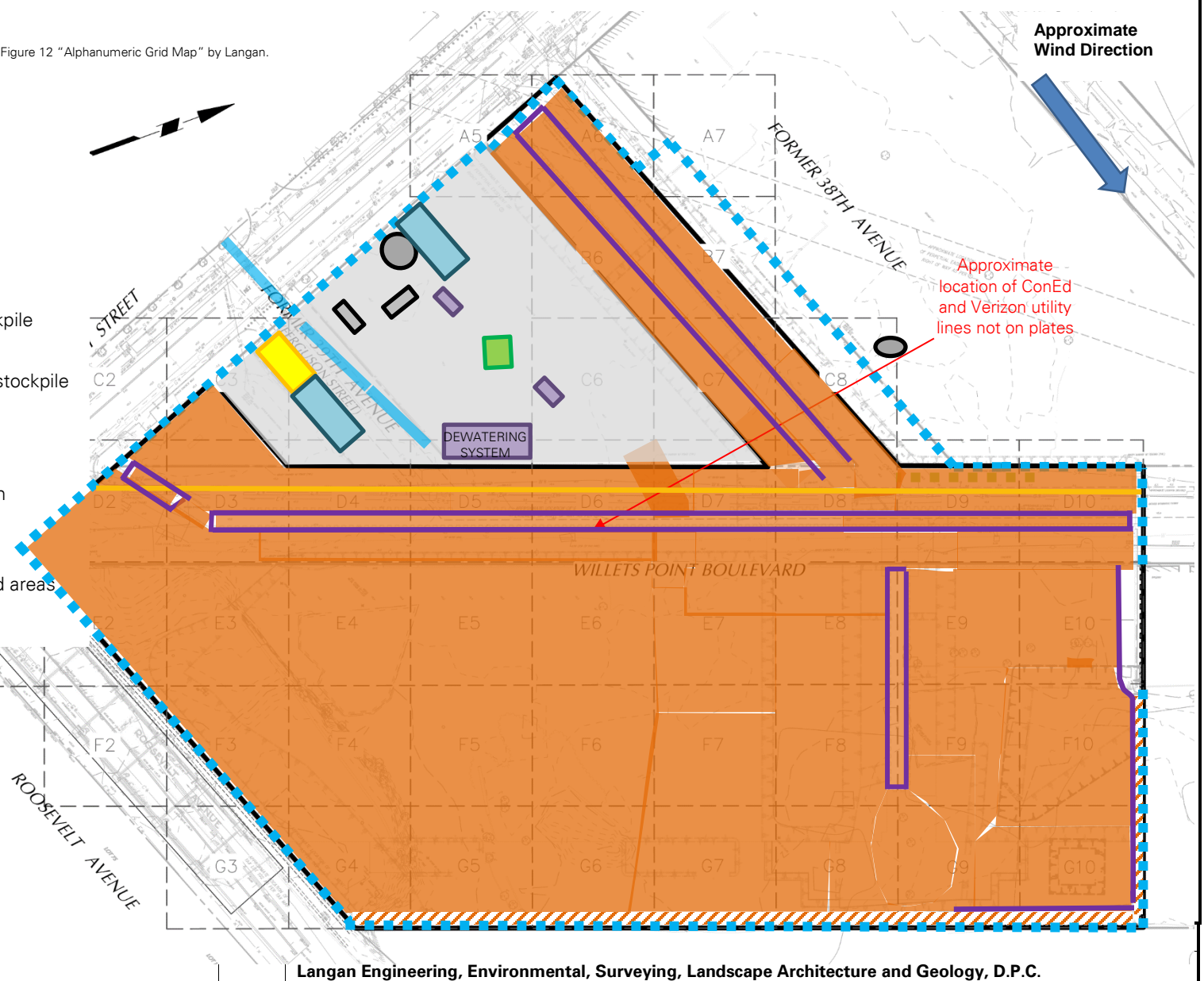
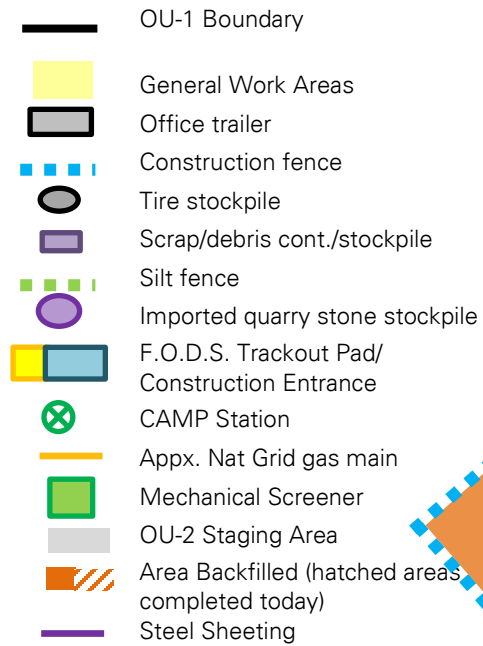
cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.



cc: Project Team






Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:

- OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Friday, March 11, 2022 WEATHER: Partly cloudy/clear, 50s °F TIME: 9:00 AM – 4:30 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 710L backhoe CAT 335D excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller CAT D6 bulldozer Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Box truck	PRESENT AT SITE: Langan: Luke McCartney Triumph Construction (General Contractor): 8-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only)
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph completed housekeeping activities across the site. Triumph continued demobilizing equipment from the site. Triumph continued completing punch list items. Langan completed housekeeping activities in and around the construction trailer. Impacts Observed <ul style="list-style-type: none"> None Sampling <ul style="list-style-type: none"> None Material Tracking <ul style="list-style-type: none"> No materials were imported or exported. Community Air Monitoring Plan Activities <ul style="list-style-type: none"> The CAMP has been discontinued since the site has been stabilized with a composite cap consisting of 20-inches of clean fill topped with 4-inches of gravel and no intrusive activities were completed. No fugitive dust or odors associated with site activities were observed migrating from the site. Anticipated Activities <ul style="list-style-type: none"> Triumph will continue to maintain sedimentation controls. Triumph will finalize grading of the site cap across the site. Triumph will remove remaining tires and scrap metal for appropriate off-site disposal, including the 13 tanks removed from grids C3 and D3. Triumph will demobilize remaining equipment. 	
cc: Project Team	By: Luke McCartney Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

- Triumph will complete installation of dewatering system discharge piping through the OU-2 staging area trench to the proposed sewer connection along Seaver Way once NYCDEP clears out the sewer line.

cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Overview of site (facing north)



Photo 2: Overview of site (facing west)

cc: Project Team

By: Luke McCartney
















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

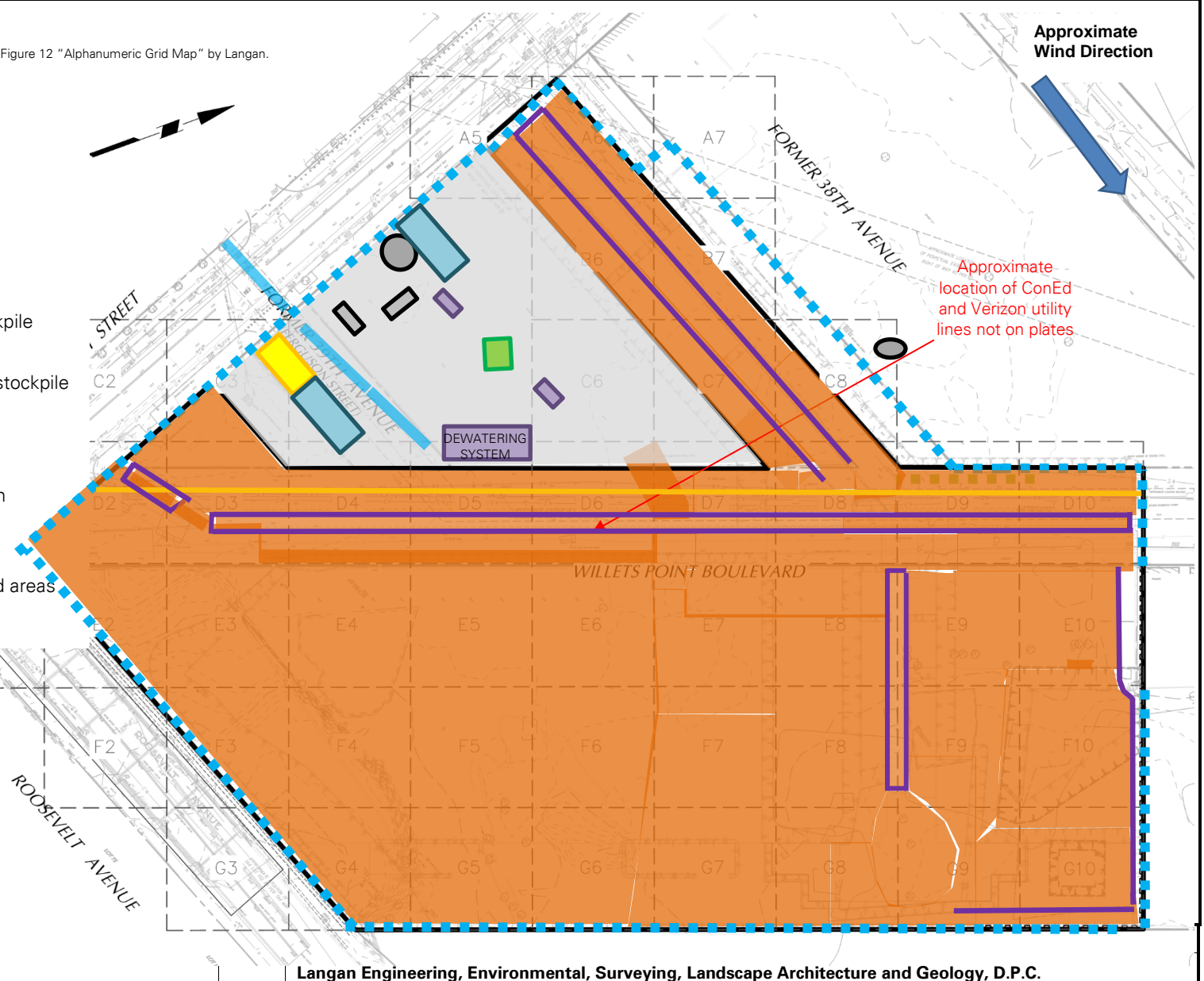
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/
Construction Entrance
-  CAMP Station
-  Appx. Nat Grid gas main
-  Mechanical Screener
-  OU-2 Staging Area
-  Area Backfilled (hatched areas
completed today)
-  Steel Sheet piling



cc: Project Team






Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:

- OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

By: Luke McCartney

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Monday, March 14, 2022 WEATHER: Partly cloudy/clear, 40-50s °F TIME: 7:00 AM – 2:00 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 710L backhoe CAT 335D excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller CAT D6 bulldozer Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Box truck	PRESENT AT SITE: Langan: Roswell Lo Triumph Construction (General Contractor): 6-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only) Durable (Equipment Maintenance): 2-person crew
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph completed housekeeping activities across the site. Triumph continued demobilizing equipment from the site. Triumph continued completing punch list items. Con-Ed was on Seaver Way to repair utility lines. Road work did not impact site activities. Triumph installed dewatering system discharge piping through the existing OU-2 staging area trench to the property line for future connection to the sewer connection along Seaver Way. The trench was covered with steel road plates. NYCDEP reported the sewer is clear and the dewatering discharge piping can be connected. Impacts Observed <ul style="list-style-type: none"> None Sampling <ul style="list-style-type: none"> None Material Tracking <ul style="list-style-type: none"> No materials were imported or exported. Community Air Monitoring Plan Activities <ul style="list-style-type: none"> The CAMP has been discontinued since the site has been stabilized with a composite cap consisting of 20-inches of clean fill topped with 4-inches of gravel and no intrusive activities were completed. No fugitive dust or odors associated with site activities were observed migrating from the site. Anticipated Activities <ul style="list-style-type: none"> Triumph will continue to maintain sedimentation controls. Triumph will remove remaining tires and scrap metal for appropriate off-site disposal. 	
cc: Project Team	By: Roswell Lo Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

- Triumph will demobilize remaining equipment.
- Triumph will complete installation of dewatering system discharge piping to the proposed sewer connection in Seaver Way.

cc: Project Team

By:

Roswell Lo

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Triumph covering discharge piping trench with steel plates (facing northeast)



Photo 2: Triumph cleaning and maintaining equipment (facing northeast)

cc: Project Team

By: Roswell Lo
















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/
Construction Entrance
-  CAMP Station
-  Appx. Nat Grid gas main
-  Mechanical Screener
-  OU-2 Staging Area
-  Area Backfilled (hatched areas
completed today)
-  Steel Sheet



cc: Project Team






Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:

- OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

By: Roswell Lo

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Tuesday, March 15, 2022 WEATHER: Partly cloudy/clear, 40s-60s °F TIME: 7:00 AM – 2:00 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 710L backhoe CAT 335D excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Box truck	PRESENT AT SITE: Langan: Roswell Lo Triumph Construction (General Contractor): 6-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only)
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> • Triumph completed housekeeping activities across the site. • Triumph continued demobilizing equipment from the site. • Triumph continued completing punch list items. • Triumph continued installation of dewatering system discharge piping to the proposed sewer connection in Seaver Way. The trench was covered with steel road plates. • Triumph sorted through a stockpile of rubber tires for metal. Impacts Observed <ul style="list-style-type: none"> • None Sampling <ul style="list-style-type: none"> • None Material Tracking <ul style="list-style-type: none"> • No materials were imported or exported. Community Air Monitoring Plan Activities <ul style="list-style-type: none"> • The CAMP has been discontinued since the site has been stabilized with a composite cap consisting of 20-inches of clean fill topped with 4-inches of gravel and no intrusive activities were completed. • No fugitive dust or odors associated with site activities were observed migrating from the site. Anticipated Activities <ul style="list-style-type: none"> • Triumph will continue to maintain sedimentation controls. • Triumph will remove remaining tires and scrap metal for appropriate off-site disposal. • Triumph will demobilize remaining equipment. 	
cc: Project Team	By: Roswell Lo Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Triumph covering discharge piping trench with steel plates (facing northeast)



Photo 2: Triumph sorting through tire stockpile for metal (facing east)

cc: Project Team

By: Roswell Lo
















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

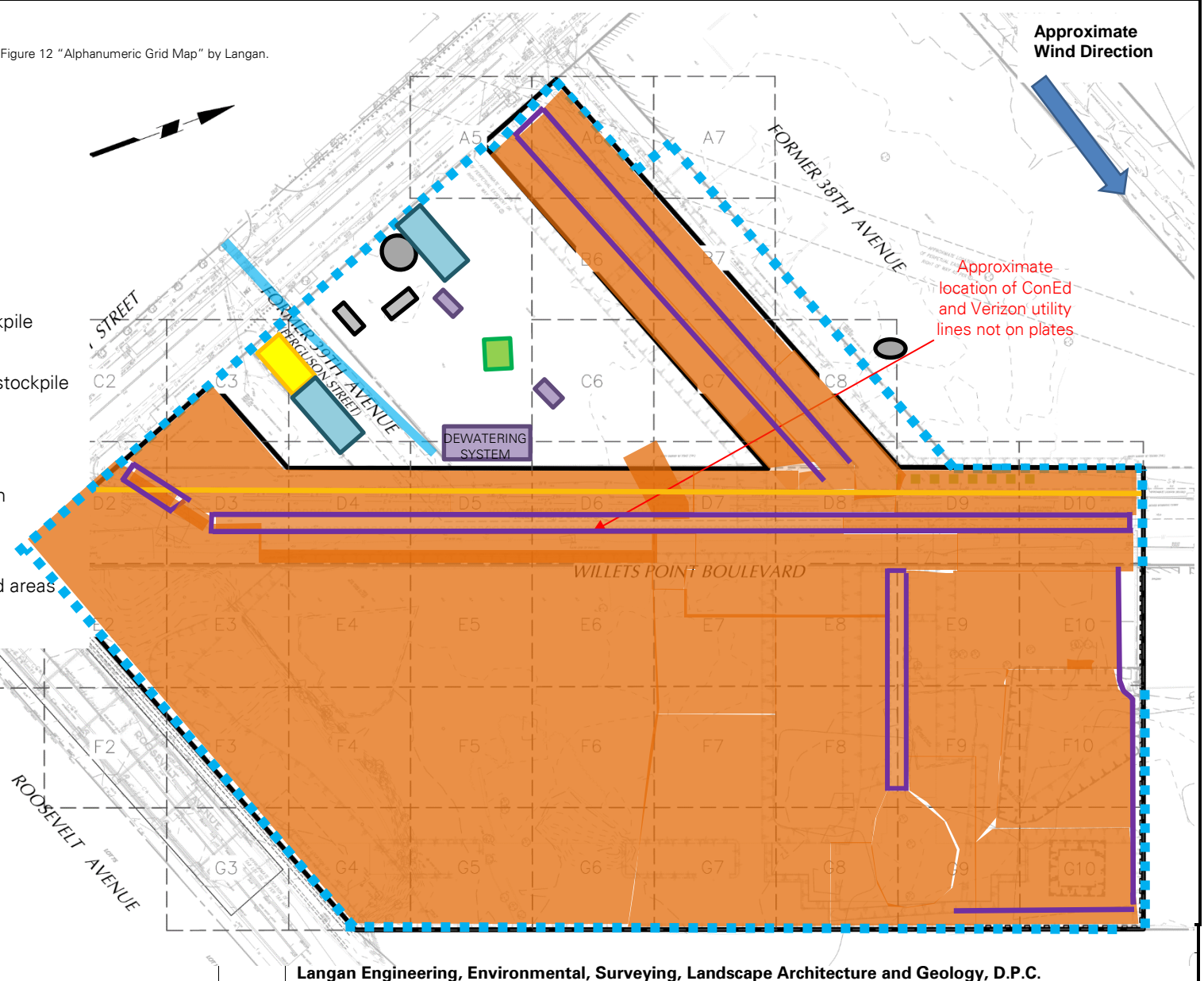
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/
Construction Entrance
-  CAMP Station
-  Appx. Nat Grid gas main
-  Mechanical Screener
-  OU-2 Staging Area
-  Area Backfilled (hatched areas
completed today)
-  Steel Sheet piling



cc: Project Team






Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:

- OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheetting



cc: Project Team

By: Roswell Lo

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Wednesday, March 16, 2022 WEATHER: Partly cloudy/clear, 50s-60s °F TIME: 7:00 AM – 2:00 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 710L backhoe CAT 335D excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Box truck	PRESENT AT SITE: Langan: Roswell Lo Triumph Construction (General Contractor): 6-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only) NYCDEP: 1-person site visit
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph completed housekeeping activities across the site. Triumph demobilized equipment from the site. Triumph completed punch list items. Triumph continued to install dewatering system discharge piping to the proposed sewer connection in Seaver Way. The trench in the roadway was covered with steel road plates. Triumph temporarily backfilled the dewatering discharge piping trench in the OU-2 staging area with RCA and removed the steel road plates Triumph continued sorting through a stockpile of rubber tires for metal. Triumph covered exposed soil in the OU-2 staging area with RCA. NYCDEP conducted a site inspection. Impacts Observed <ul style="list-style-type: none"> None Sampling <ul style="list-style-type: none"> None Material Tracking <ul style="list-style-type: none"> Triumph imported 3 loads of RCA from EROC. Triumph exported one container of scrap metal. Community Air Monitoring Plan Activities <ul style="list-style-type: none"> The CAMP has been discontinued since the site has been stabilized with a composite cap consisting of 20-inches of clean fill topped with 4-inches of gravel and no intrusive activities were completed. No fugitive dust or odors associated with site activities were observed migrating from the site. 	
cc: Project Team	By: Roswell Lo Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Anticipated Activities

- Triumph will continue to maintain sedimentation controls.
- Triumph will remove remaining tires and scrap metal for appropriate off-site disposal.
- Triumph will demobilize remaining equipment.

cc: Project Team

By:

Roswell Lo

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Triumph temporarily backfilling the dewatering trench with imported RCA (facing east)



Photo 2: Triumph installing dewatering discharge piping in Seaver Way (facing south)

cc: Project Team

By: Roswell Lo
















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

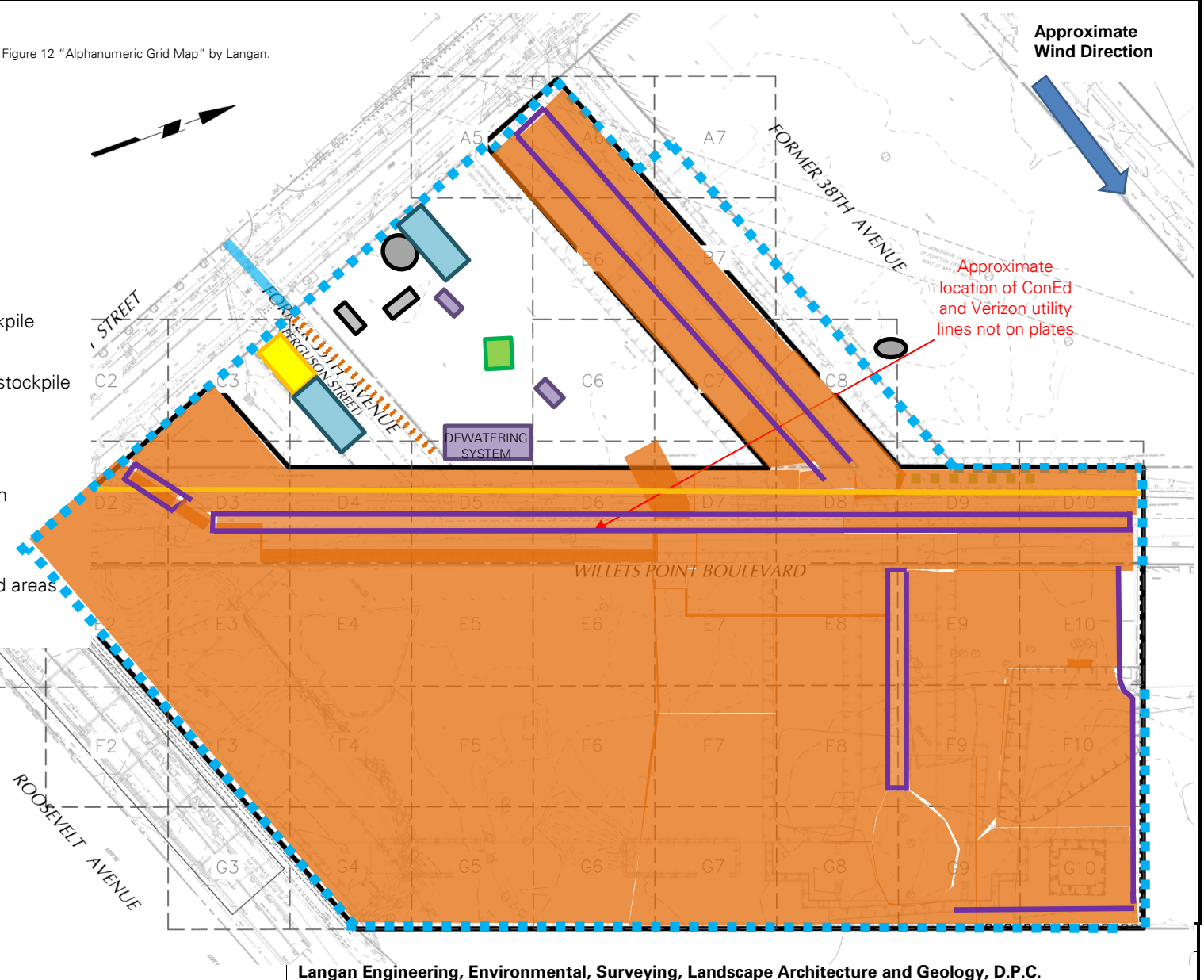
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/
Construction Entrance
-  CAMP Station
-  Appx. Nat Grid gas main
-  Mechanical Screener
-  OU-2 Staging Area
-  Area Backfilled (hatched areas
completed today)
-  Steel Sheet



cc: Project Team






Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:

- OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

By: Roswell Lo

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Thursday, March 17, 2022 WEATHER: Fog/Light Rain, 40s-50s °F TIME: 7:00 AM – 2:00 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 710L backhoe CAT 335D excavator CAT 966M wheel loader CAT BW-177D-3 all-terrain compaction roller Box truck Multi-Quip WP5 water spraying unit Dewatering system Vibroscreen SCM-75 mechanical screener Box truck	PRESENT AT SITE: Langan: Roswell Lo Triumph Construction (General Contractor): 6-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only)
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph completed housekeeping activities across the site. Triumph demobilized equipment from the site. Triumph completed punch list items. Triumph exported remaining tires. Impacts Observed <ul style="list-style-type: none"> None Sampling <ul style="list-style-type: none"> None Material Tracking <ul style="list-style-type: none"> None Community Air Monitoring Plan Activities <ul style="list-style-type: none"> The CAMP has been discontinued since the site has been stabilized with a composite cap consisting of 20-inches of clean fill topped with 4-inches of gravel and no intrusive activities were completed. No fugitive dust or odors associated with site activities were observed migrating from the site. Anticipated Activities <ul style="list-style-type: none"> Triumph will continue to maintain sedimentation controls. Triumph will demobilize remaining equipment. 	
cc: Project Team	By: Roswell Lo Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Triumph continuing road maintenance on Seaver Way (facing southwest)



Photo 2: Triumph removing equipment from the site (facing southeast)

cc: Project Team

By: Roswell Lo
















Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

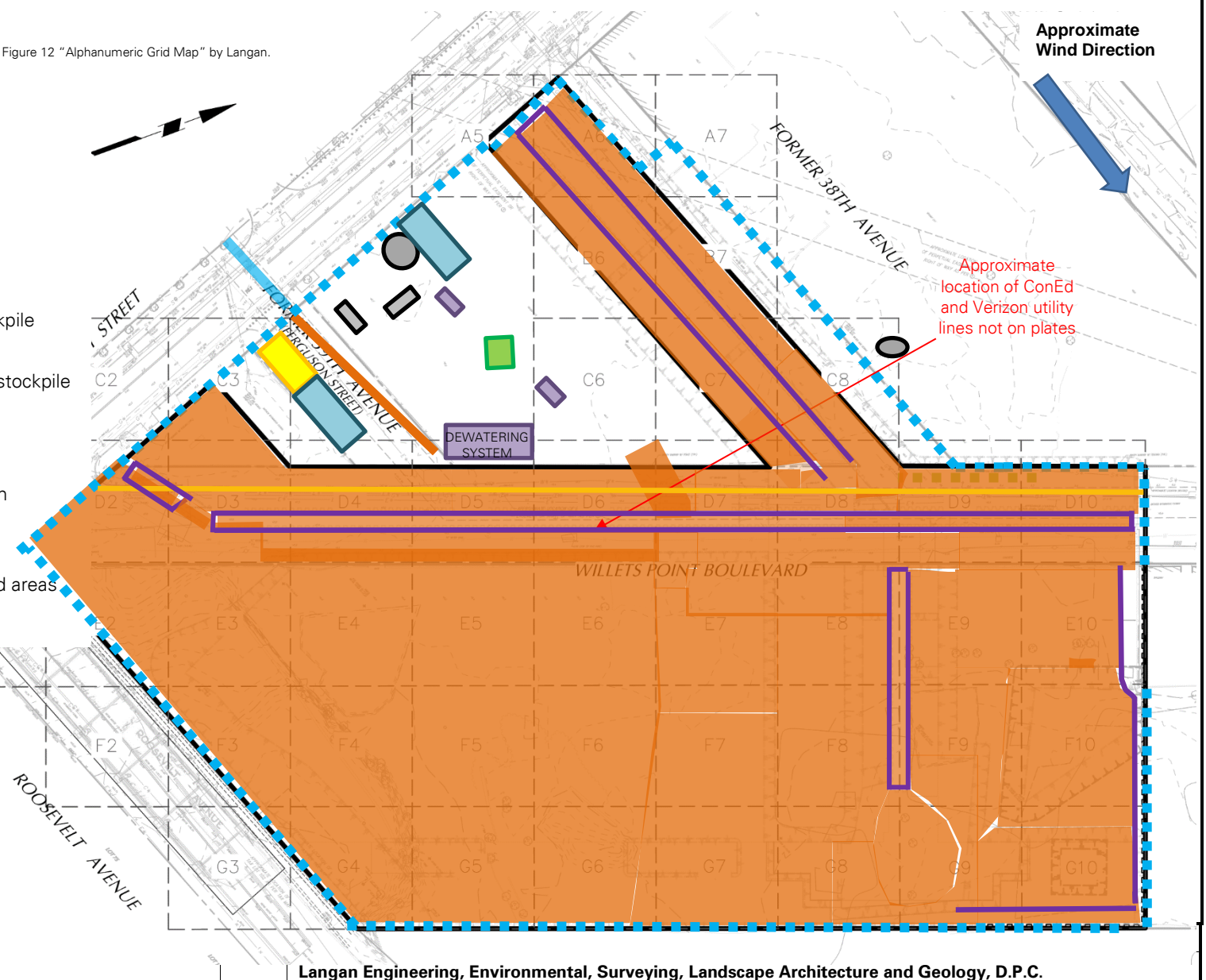
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  General Work Areas
-  Office trailer
-  Construction fence
-  Tire stockpile
-  Scrap/debris cont./stockpile
-  Silt fence
-  Imported quarry stone stockpile
-  F.O.D.S. Trackout Pad/
Construction Entrance
-  CAMP Station
-  Appx. Nat Grid gas main
-  Mechanical Screener
-  OU-2 Staging Area
-  Area Backfilled (hatched areas
completed today)
-  Steel Sheet



cc: Project Team






Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:

- OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

By: Roswell Lo

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

CLIENT: Queens Development Group, LLC PROJECT No.: 170197605.405.014.3 PROJECT: Willets Point OU-1 (Phase 1A) LOCATION: Queens, New York	DATE: Friday, March 18, 2022 WEATHER: Mostly Cloudy, 50s °F TIME: 7:00 AM – 12:30 PM BCP SITE ID: C241146
EQUIPMENT: John Deere 710L backhoe CAT 335D excavator CAT 966M wheel loader	PRESENT AT SITE: Langan: Roswell Lo Triumph Construction (General Contractor): 6-person crew Peak Security Plus (Site Security): 1-person crew (overnight and weekend only)
OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.: Langan documented the following activities in accordance with the May 11, 2021 NYSDEC-approved Remedial Action Work Plan (RAWP): Site Activities <ul style="list-style-type: none"> Triumph completed housekeeping activities across the site. Triumph demobilized equipment from the site. Impacts Observed <ul style="list-style-type: none"> None Sampling <ul style="list-style-type: none"> None Material Tracking <ul style="list-style-type: none"> None Community Air Monitoring Plan Activities <ul style="list-style-type: none"> The CAMP has been discontinued since the site has been stabilized with a composite cap consisting of 20-inches of clean fill topped with 4-inches of gravel and no intrusive activities were completed. No fugitive dust or odors associated with site activities were observed migrating from the site. Anticipated Activities <ul style="list-style-type: none"> Remove three drums generated during cleanout of the USTs encountered on February 17, 2022. 	
cc: Project Team	By: Roswell Lo Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Photographs



Photo 1: Triumph emptying out construction trailer (facing west)



Photo 2: Triumph removing equipment from the site (facing southeast)

cc: Project Team

By: Roswell Lo








Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

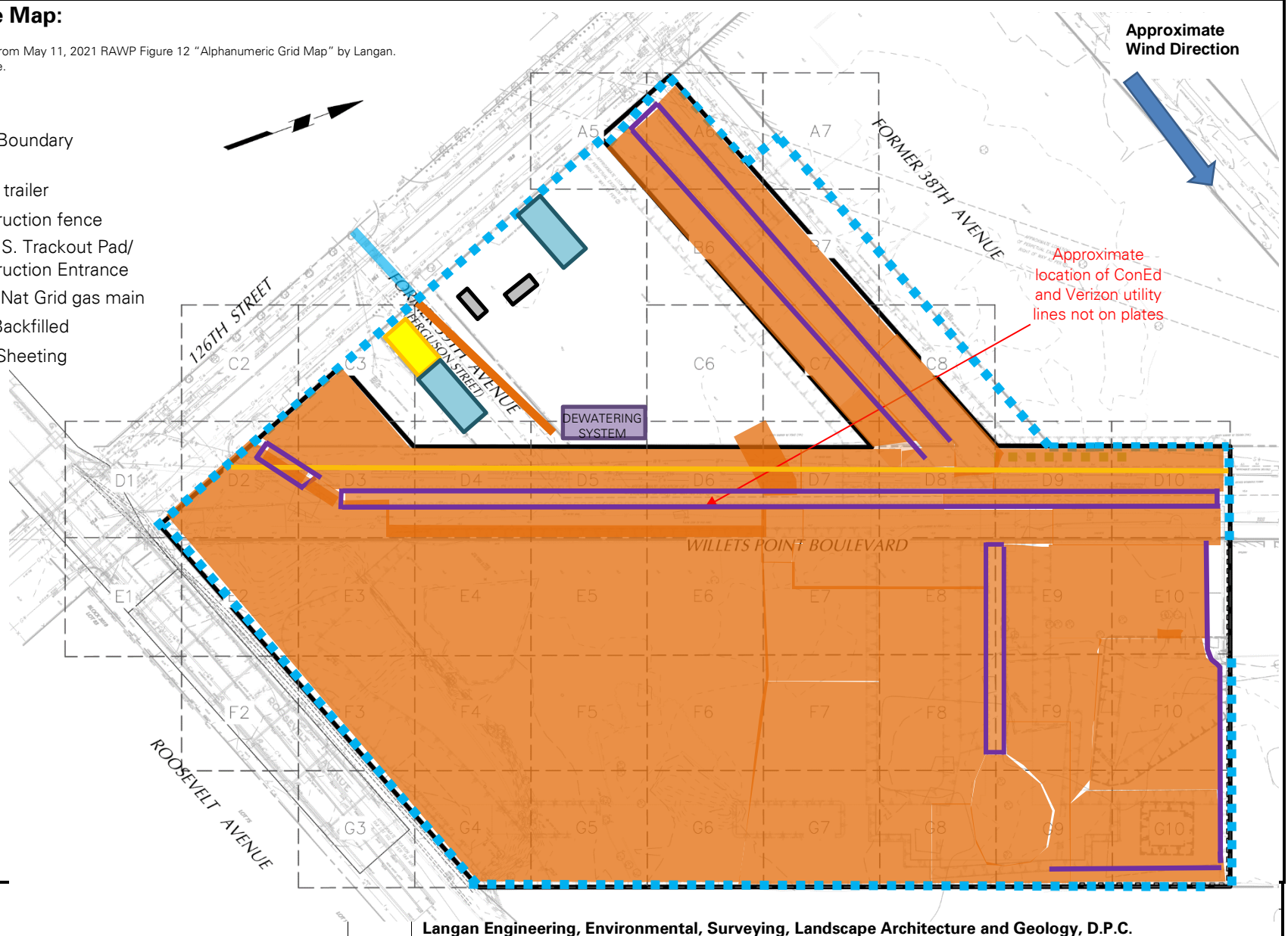
Figure 1 – Site Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 12 "Alphanumeric Grid Map" by Langan.
2. Drawing is not to scale.

LEGEND:

-  OU-1 Boundary
-  Office trailer
-  Construction fence
-  F.O.D.S. Trackout Pad/
Construction Entrance
-  Appx. Nat Grid gas main
-  Area Backfilled
-  Steel Sheet piling



cc: Project Team






Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Figure 2 – Documentation Sampling Map:

Notes:

1. Drawing background from May 11, 2021 RAWP Figure 9 "Proposed Documentation Sample Location Plan - Track 4" by Langan.
2. Drawing is not to scale.

Legend:

- OU-1 Site Boundary
-  Proposed Documentation Base Soil Sample
-  Proposed Documentation Sidewall Soil Sample
-  Collected Documentation Soil Sample
-  Additional Documentation Sample Collected Within Petroleum Source Area(s)
-  Sidewall Sample Not Collected. 1:1 Slope or Presence of SOE/cutoff Wall Steel Sheet piling



cc: Project Team

By: Roswell Lo

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.