LANGAN

DAILY STATUS REPORT

Prepared By: Samuel Haines

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	4/19/2021
NYSDEC BCP Site No:	C243043	Time:	06:30 – 16:00		

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Samuel Haines (Environmental) **Muss Development, LLC (Muss)**: Doug King (Property Manager) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and four man crew

Site Activities

- Pennington and Langan mobilized to the site for the installation of the Sub-Slab Depressurization System (SSDS) within the western portion of the shopping center in accordance with the NYSDEC-approved January 2021 Interim Remedial Measures Work Plan (IRMWP).
- Installation of the SSDS commenced at the Carvel tenant space in the southern corner of the shopping center.
- Pennington cored three 10-inch diameter vapor extraction points (VEP-1 through VEP-3) through the slab within the Carvel tenant space and installed VEP-1 and VEP-3 in accordance with the design. The concrete slab thickness measured between 6 and 7 inches. The VEPs were backfilled with a commercial product (Sakrete All-Purpose Gravel).
- Pennington completed an approximately 10-inch wide by 6-inch deep trench in the slab for the horizontal below-grade well lines associated with VEP-1 and VEP-3. Pennington subsequently installed the 2-inch PVC below-grade well lines for VEP-1 and VEP-3 and backfilled with Sakrete All-Purpose Gravel.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

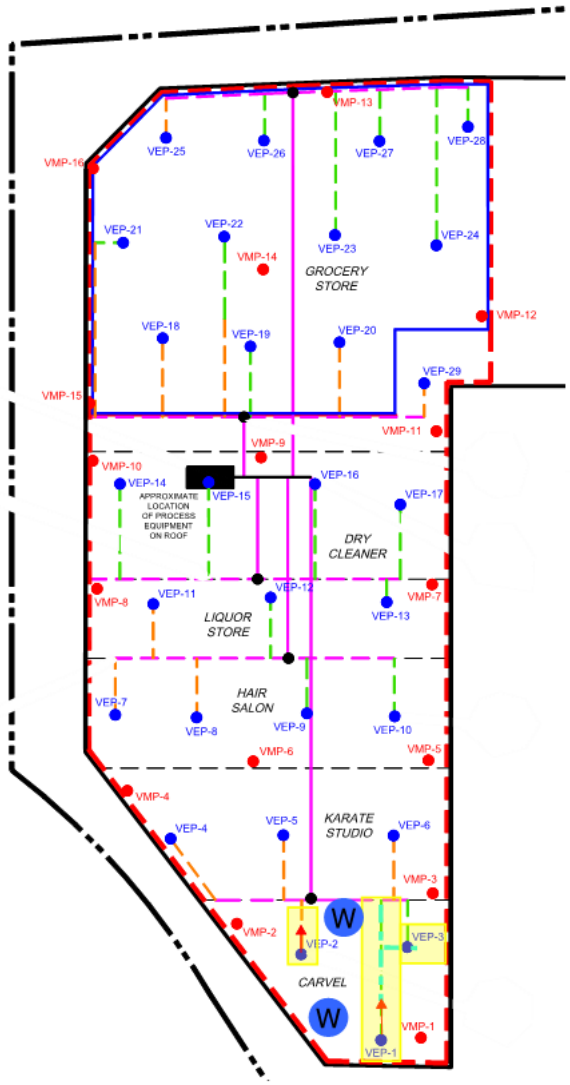
Problems Encountered

- None

Activities Scheduled for Next Day

- Pennington will install the above-grade well lines and manifold piping for VEP-1, VEP-2 and VEP-3.
- Pennington will pour concrete at VEP-1 and VEP-3 and above their associated below-grade well lines.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 27 March 2020.

LANGAN

Photo Log

Photo 1 – The borehole at vapor extraction point VEP-3 is completed.	
Photo 2 – Vapor extraction point VEP-3 is constructed, facing north.	

Photo 3 – A trench is installed within the slab for the below-grade well lines, facing west.	
Photo 4 – The below-grade well lines for VEP-1 and VEP-3 are installed and the trench is partially backfilled with gravel, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Samuel Haines

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	4/20/2021
NYSDEC BCP Site No:	C243043			Time:	06:45 – 13:15

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Samuel Haines (Environmental) **Muss Development, LLC (Muss)**: Doug King (Property Manager), Ken Konfong **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and five man crew

Site Activities

- Pennington installed vapor extraction point VEP-2 in accordance with the design. The VEP was backfilled with a commercial product (Sakrete All-Purpose Gravel).
- Pennington poured concrete within the approximately 10-inch wide by 6-inch deep trench in the slab above the horizontal below-grade well lines associated with VEP-1 and VEP-3 and the Sakrete All-Purpose Gravel. The floor will be finished with tile at a later date.
- Pennington drilled holes for vacuum monitoring points VMP-1 and VMP-2.
- Pennington placed soil excavated from VEP-1 through VEP-3 in an appropriately labeled 55-gallon drum for future characterization and off-site disposal.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

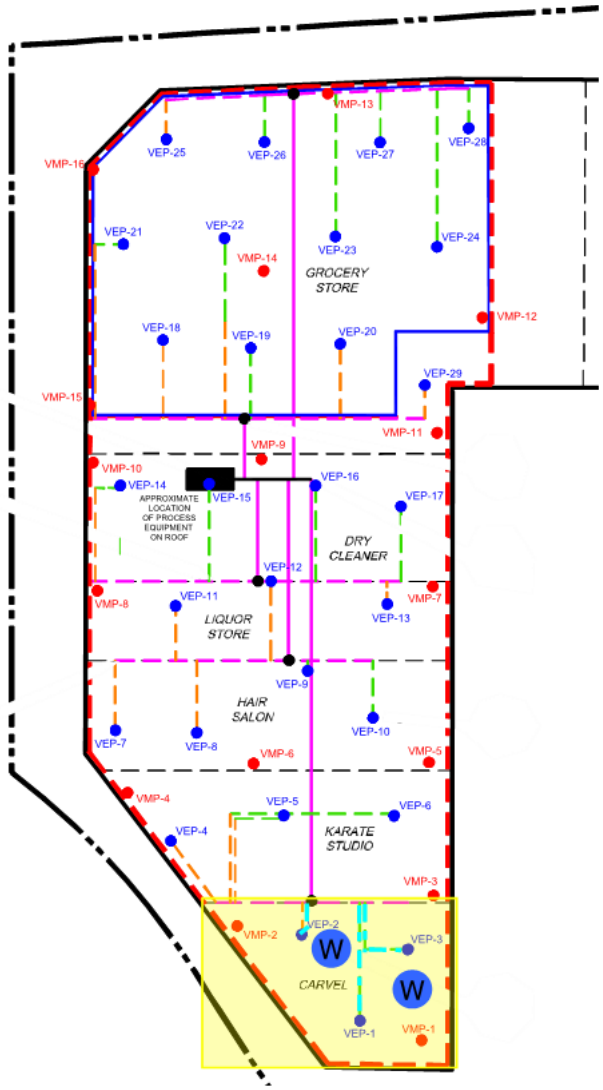
Problems Encountered

- None

Activities Scheduled for Next Day

- Pennington will install the above-grade well lines and manifold piping for VEP-1, VEP-2 and VEP-3.
- Pennington will core through the concrete slab and install trenches at VEP-4, VEP-5 and VEP-6 in the karate studio.
- Pennington will install VMP-1, VMP-2, VMP-3 and VMP-4.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

LANGAN

Photo Log

Photo 1 – The borehole at vapor extraction point VEP-2 is completed.	
Photo 2 – Vapor extraction point VEP-2 is installed, facing northeast.	

Photo 3 – The trench for the below-grade individual well lines associated with VEP-1 and VEP-3 is prepared for the concrete pour, facing northwest.	
Photo 4 – Concrete is poured within the trench associated with VEP-1 and VEP-3, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Samuel Haines

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	4/21/2021
NYSDEC BCP Site No:	C243043			Time:	06:45 – 15:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Samuel Haines (Environmental) **Muss Development, LLC (Muss)**: Doug King (Property Manager) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and six man crew

Site Activities

- Pennington cored and installed vapor extraction point VEP-4 in the karate studio in accordance with the design. Pennington placed soil excavated from VEP-4 in an appropriately labeled 55-gallon drum for future characterization and off-site disposal.
- Pennington installed above-ground individual well line piping at VEP-1 through VEP-4. 2-inch steel pipe with a gate valve was installed at each VEP, terminating immediately below the ceiling.
- Pennington began saw cutting the trench at VEP-6 in a westward direction. The initial saw cut was not completed as the slab was discovered to be >10 inches thick. Additional equipment will be necessary to complete the trench cut within the karate studio.
- Flooring was installed above the restored slab at the VEP trenches within the Carvel tenant space.

Work Zone Air Monitoring

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

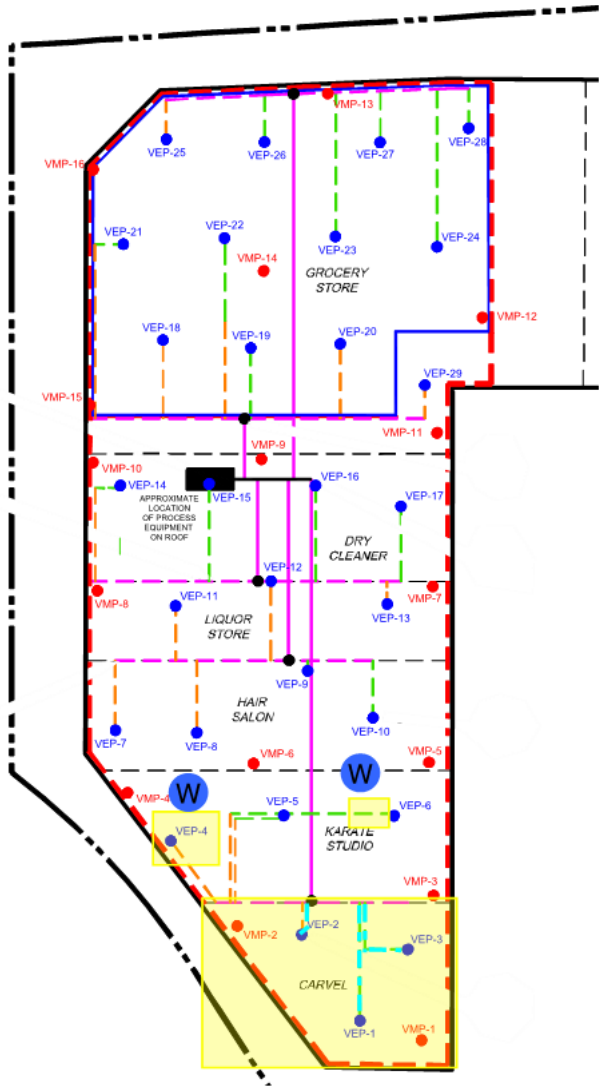
Problems Encountered

- Due to the thickness of the slab, additional equipment will be necessary to complete the trench cut within the karate studio.

Activities Scheduled for Next Day

- Pennington will install vapor extraction points VEP-11 and VEP-13.
- Pennington will install roof penetrations at previously-completed VEPs and begin constructing the exterior sub-header lines.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

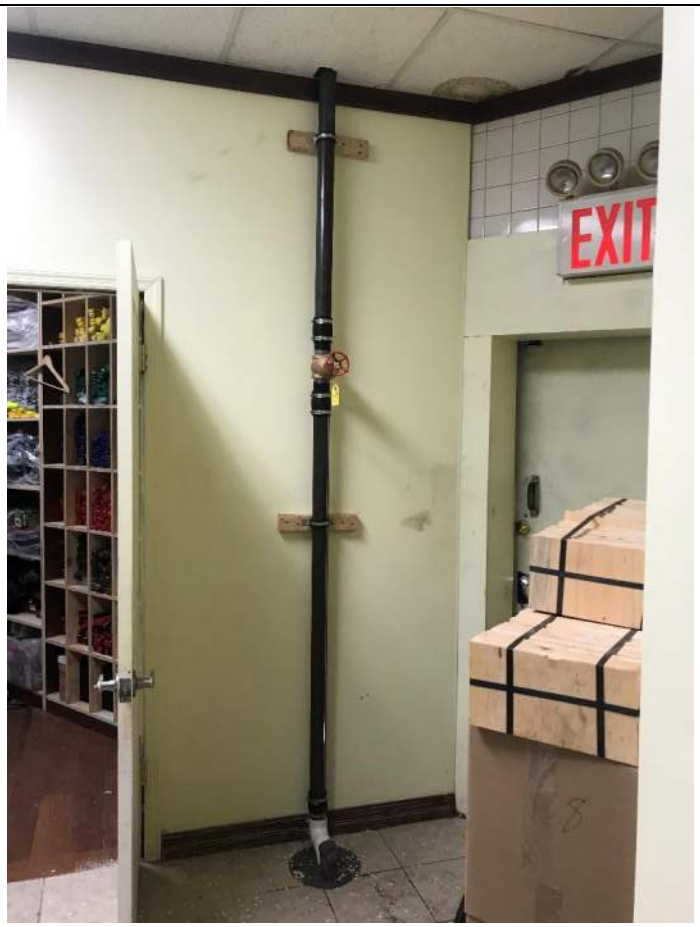
NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

LANGAN

Photo Log

Photo 1 – The borehole at vapor extraction point VEP-4 is completed.	
Photo 2 – Pennington attempting to install trenches within the karate studio, facing west.	

Photo 3 – The above-ground piping is completed at VEP-4, facing southwest.	
Photo 4 – Flooring is replaced within the Carvel tenant space, facing northwest.	

LANGAN

DAILY STATUS REPORT

Prepared By: Samuel Haines

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50	X	50-70		70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	4/22/2021
NYSDEC BCP Site No:	C243043			Time:	06:45 – 15:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Samuel Haines (Environmental) **Muss Development, LLC (Muss)**: Doug King (Property Manager) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and six man crew

Site Activities

- Pennington cored and installed vapor extraction points VEP-11 and VEP-13 in the liquor store in accordance with the design. Pennington placed soil excavated from VEP-11 and VEP-13 in an appropriately labeled 55-gallon drum for future characterization and off-site disposal.
- Pennington drilled holes for vacuum monitoring points VMP-7 and VMP-8.
- Pennington installed above-ground individual well line piping at VEP-11 and VEP-13. 2-inch steel pipe with a gate valve was installed at each VEP, terminating immediately below the ceiling.
- Roof penetrations were completed at VEP-1 through VEP-4, VEP-11 and VEP-13. 2-inch steel pipe was extended to just above the roof surface at each location. A PVC cap was placed on the end of each riser.

Work Zone Air Monitoring

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

Problems Encountered

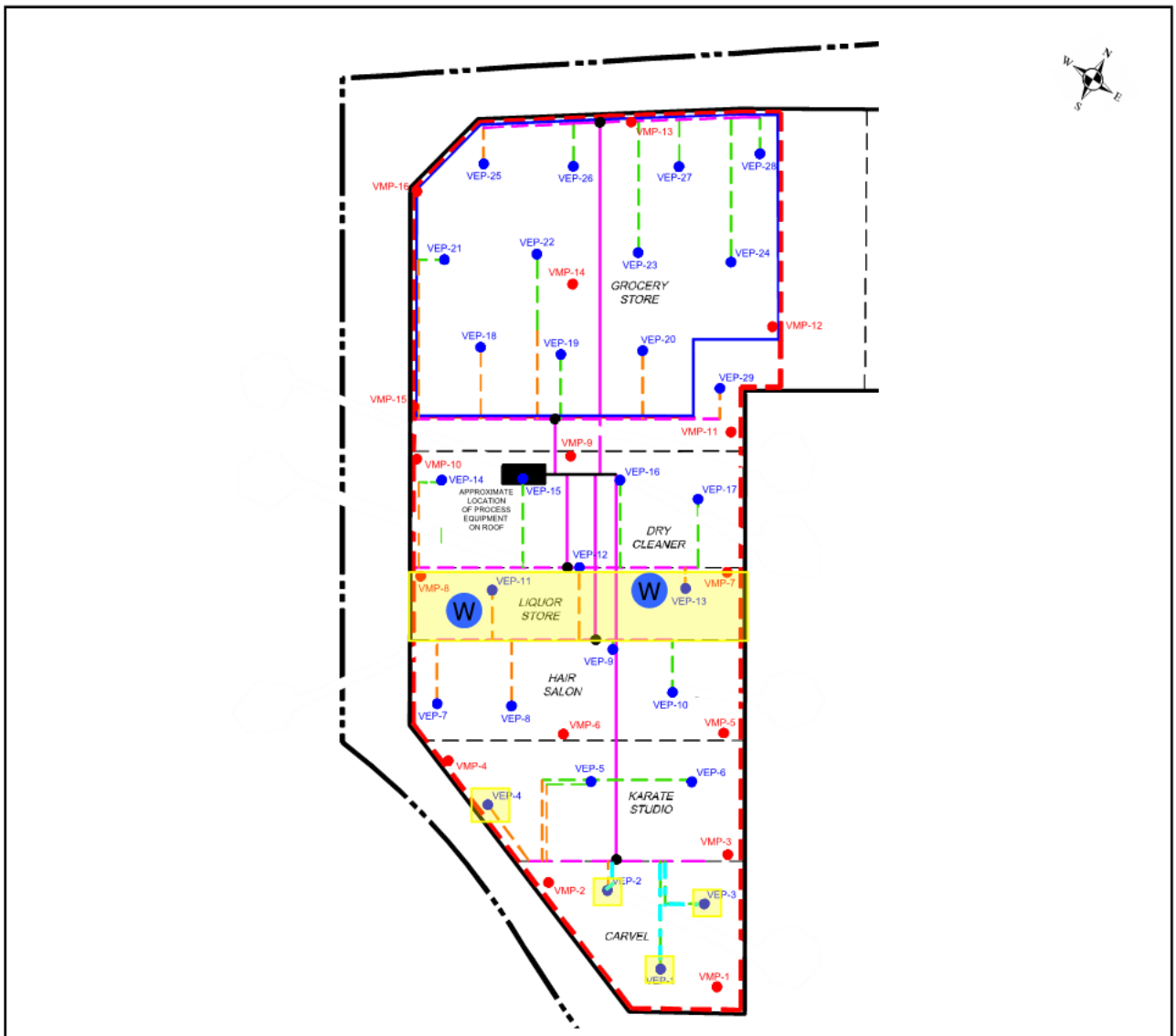
- None.

Activities Scheduled for Next Day

- Pennington will install 4-inch PVC exterior sub-header lines with proper insulation on the roof for previously completed VEPs.

LANGAN

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

LANGAN

Photo Log

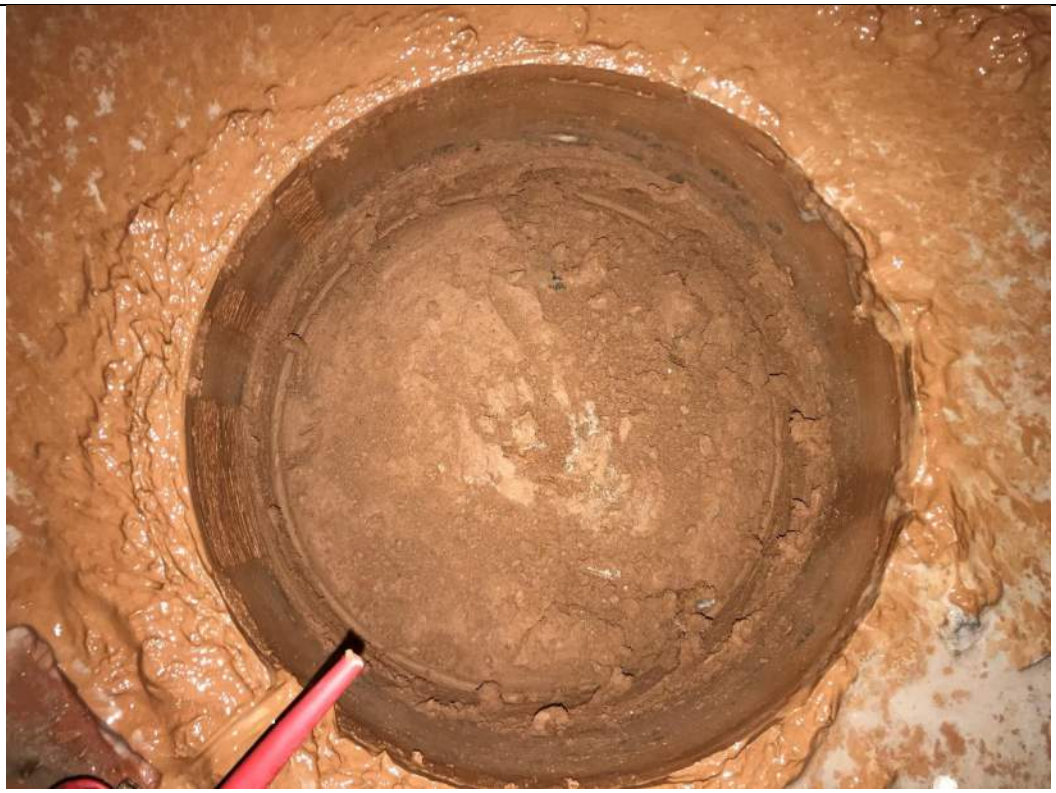
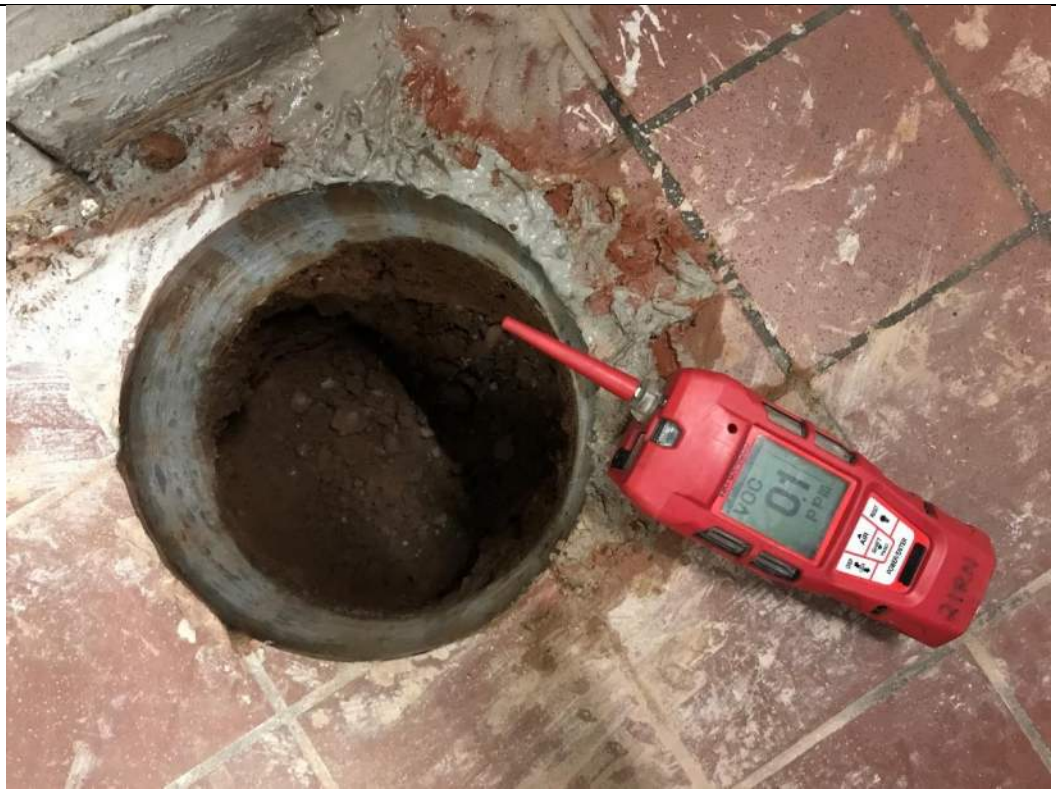
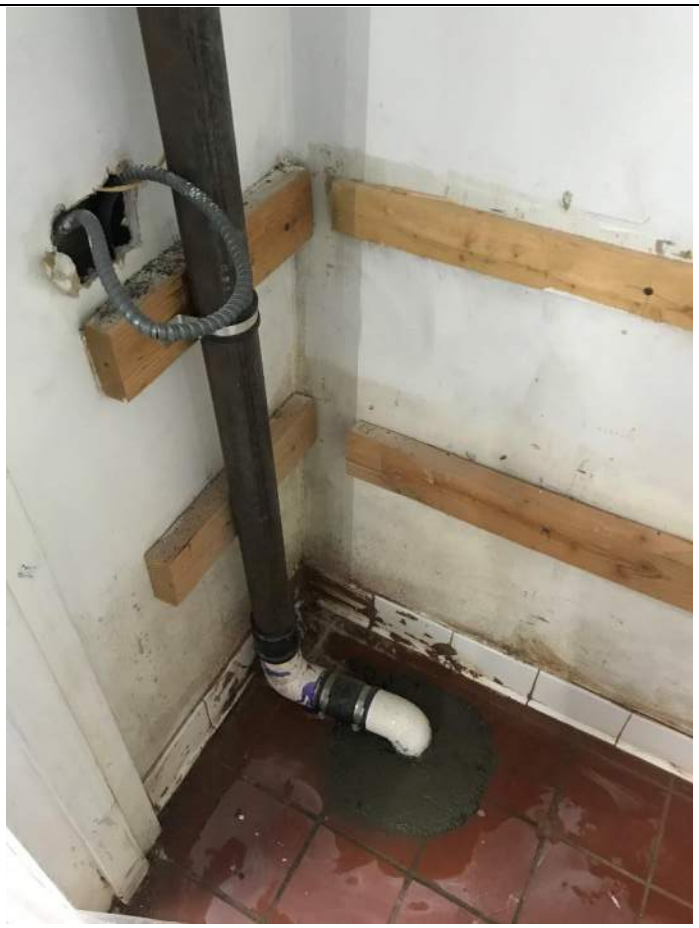
Photo 1 – The borehole at vapor extraction point VEP-13 is completed.	
Photo 2 – The borehole at VEP-13 is completed.	

Photo 3 – The above-ground piping is completed at VEP-13, facing southwest.	
Photo 4 – The roof penetration is completed at VEP-1 and VEP-3 combined line, facing east.	

LANGAN

DAILY STATUS REPORT

Prepared By: Samuel Haines

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50	X	50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	4/23/2021
NYSDEC BCP Site No:	C243043			Time:	07:30 – 11:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Samuel Haines (Environmental) **Muss Development, LLC (Muss)**: Doug King (Property Manager) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and three man crew

Site Activities

- Pennington began installation of the 4-inch PVC exterior sub-header lines in the southern portion of the roof in preparation for full exterior manifold installation.

Work Zone Air Monitoring

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

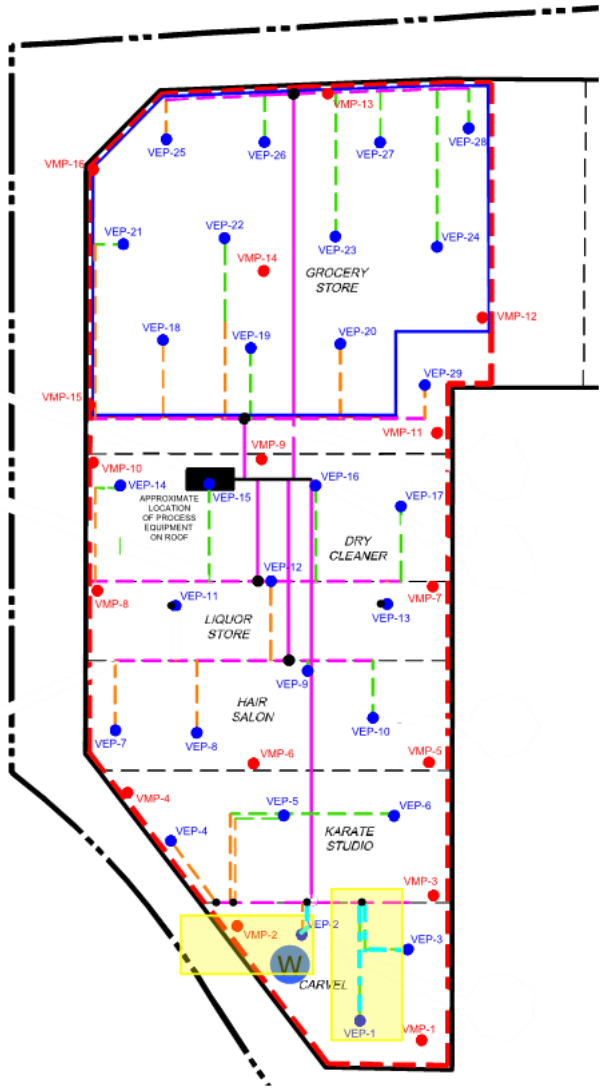
Problems Encountered

- None.

Activities Scheduled for Next Day

- Pennington will install VEP and VMP points and trenching within the hair salon tenant space.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

LANGAN

Photo Log

Photo 1 – VEP-11 riser and flash seal, facing northwest.	
Photo 2 – 4-inch PVC exterior sub-header lines staged for installation, facing northeast.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	4/26/2021
NYSDEC BCP Site No:	C243043			Time:	06:30 – 15:15

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Muss Development, LLC (Muss)**: Doug King (Property Manager) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and four man crew **Casali Tile (Casali)**: Sean (Foreman) and two man crew

Site Activities

- Casali removed tile flooring in the hair salon tenant space prior to saw-cutting the trench in the slab for the horizontal below-grade well line associated with vapor extraction point VEP-10.
- Pennington completed an approximately 10-inch wide by 6-inch deep trench in the slab for the horizontal below-grade well line associated with VEP-10. Water was applied and a shop-vac was used for dust suppression. Pennington subsequently installed the 2-inch PVC below-grade well line for VEP-10, backfilled with Sakrete All-Purpose Gravel, covered gravel with 40 mL plastic sheeting, and poured concrete to restore the slab.
- Pennington cored vapor extraction points VEP-7, VEP-8, VEP-9, and VEP-10 and installed VEP-9 and VEP-10 in the hair salon in accordance with the design. VEP-9 and VEP-10 were backfilled with Sakrete All-Purpose Gravel. Pennington placed soil excavated from VEP-7, VEP-8, VEP-9, and VEP-10 in an appropriately labeled 55-gallon drum for future characterization and off-site disposal.
- Pennington installed above-ground individual well line piping and completed the roof penetration at VEP-10. 2-inch steel pipe with a gate valve was installed, extending to just above the roof surface. A PVC cap was placed on the end of the riser at the roof level.
- Pennington drilled holes for vacuum monitoring points VMP-5 and VMP-6.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- VOC concentrations were not detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Dust concentrations in exceedance of the daily STEL (0.150 mg/m^3) ranging from 0.154 to 1.780 mg/m^3 were detected at the work zone air monitoring station between 8:40 and 9:23. The exceedance was caused by concrete saw-cutting within close proximity to the air monitoring station. Dust was controlled with application of water and use of a shop-vac, was contained using polyethylene sheeting, and was not observed migrating beyond the immediate work zone. The dust concentrations decreased and subsided to levels below the daily STEL after additional water and shop-vac was applied to the work area.

CAMP (continued)

- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

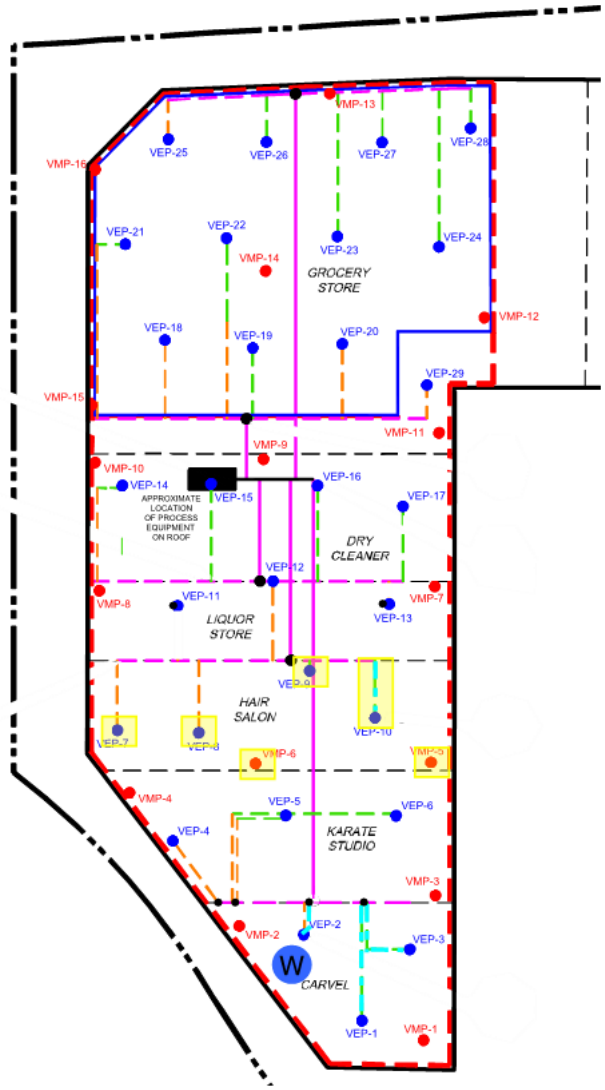
Problems Encountered

- None.

Activities Scheduled for Next Day

- Pennington will continue installing VEPs and VMPs within the hair salon tenant space.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

Photo Log

Photo 1 – Removing tile flooring prior to saw-cutting the trench associated with VEP-10, facing south.	
Photo 2 – Saw-cutting trench associated with VEP-10 using water and shop-vac for dust suppression, facing northeast.	

Photo 3 – Installing the 2-inch horizontal PVC individual well piping at VEP-10, facing northwest.	
Photo 4 – Backfilling VEP-9 location with Sakrete All-Purpose Gravel, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	4/27/2021
NYSDEC BCP Site No:	C243043			Time:	06:45 – 16:15

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Muss Development, LLC (Muss)**: Doug King (Property Manager) **Pennington Environmental, LLC (Pennington)**: John Grelis (Foreman) and three man crew **Casali Tile (Casali)**: Sean (Foreman) and two man crew

Site Activities

- Casali replaced tile flooring in the hair salon tenant space that was previously removed for installation of the horizontal below-grade well line associated with vapor extraction point VEP-10.
- Pennington covered the previously backfilled Sakrete All-Purpose Gravel with 40 mL plastic sheeting and poured concrete to restore the slab for VEP-9.
- Pennington installed the 2-inch PVC below-grade well lines, backfilled with Sakrete All-Purpose Gravel, covered gravel with 40 mL plastic sheeting, and poured concrete to restore the slab for VEP-7 and VEP-8 within the hair salon tenant space.
- Pennington installed above-ground individual well line piping and completed the roof penetration at VEP-7, VEP-8, and VEP-9. 2-inch steel pipe with a gate valve was installed, extending to just above the roof surface. A PVC cap was placed on the end of the riser at the roof level.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- VOC concentrations were not detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Dust concentrations in exceedance of the daily STEL (0.150 mg/m^3) ranging from 0.150 to 0.184 mg/m^3 between 9:14 and 9:22, from 0.156 to 0.398 mg/m^3 between 10:09 and 10:25, and from 0.257 to 0.319 mg/m^3 between 11:52 and 12:06 were detected at the work zone air monitoring station. The exceedances were caused by operations associated with tile installation within close proximity to the air monitoring station. The exceedances were not associated with any ground-intrusive work performed within the work zone. Dust was controlled with application of water and use of a shop-vac, and was not observed migrating beyond the immediate work zone. The dust concentrations decreased and subsided to levels below the daily STEL after additional water and shop-vac was applied to the work area.

CAMP (continued)

- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

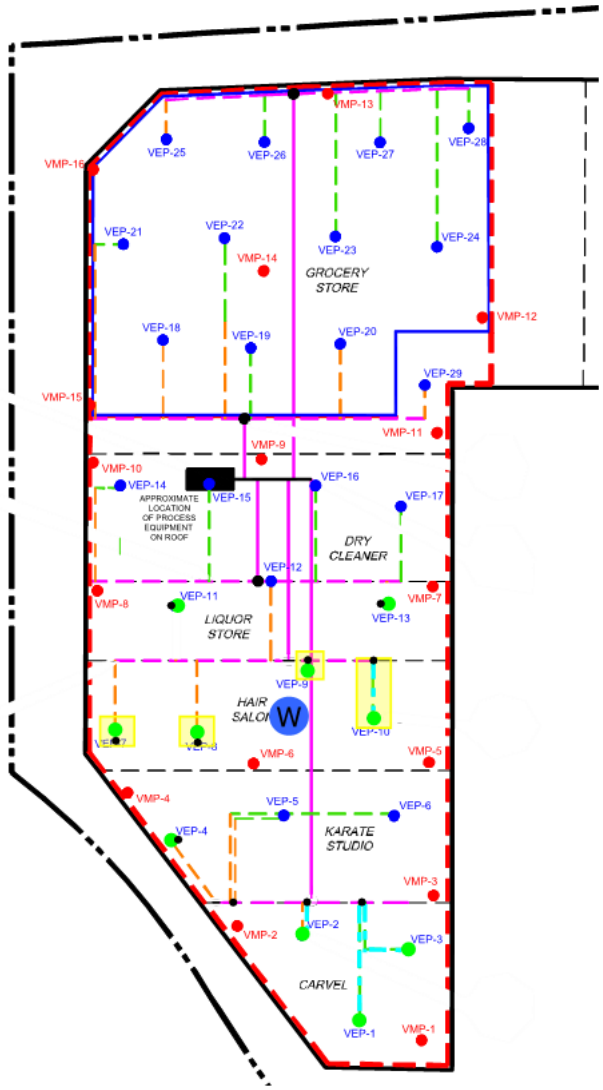
Problems Encountered

- None.

Activities Scheduled for Next Day

- No SSDS installation activities are scheduled for tomorrow through Monday, 3 May 2021. Pennington will continue installing VEPs and VMPs within the karate studio tenant space on Tuesday, 4 May 2021.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

LANGAN

Photo Log

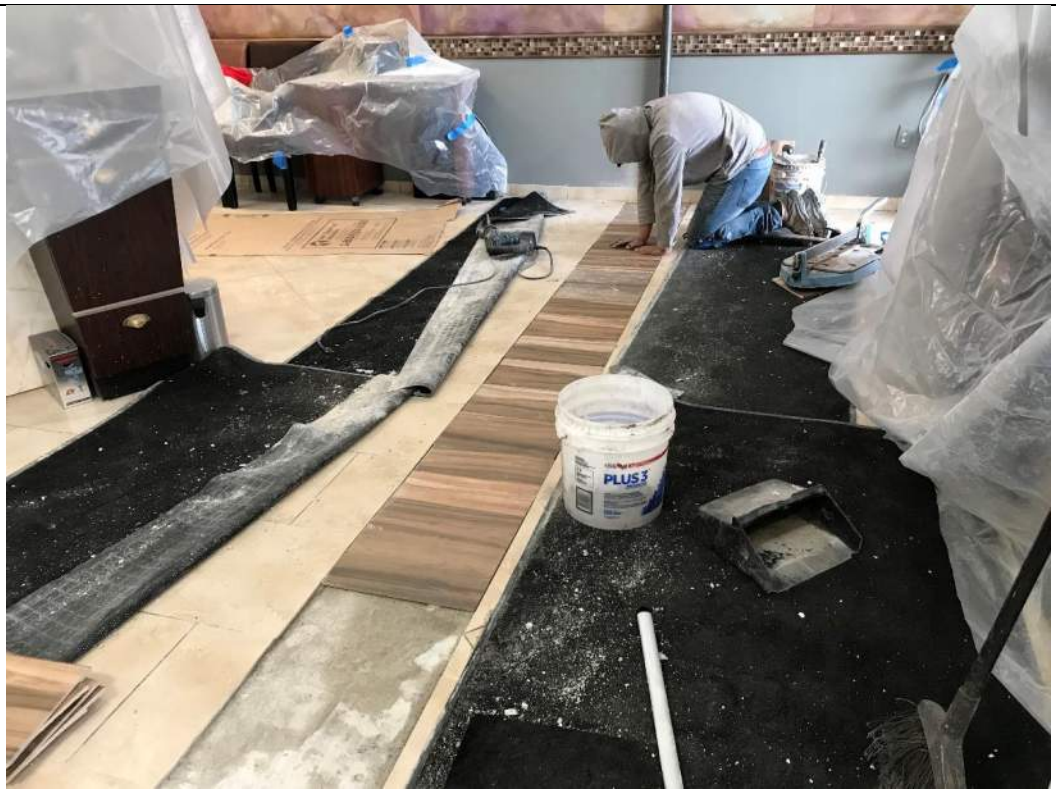
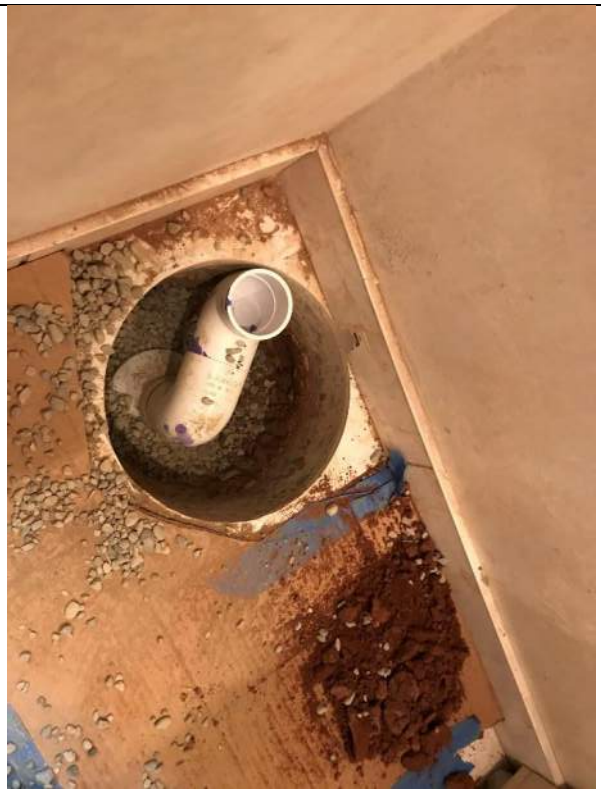
Photo 1 – Replacing tile flooring previously removed for installation of the horizontal below-grade well line associated with vapor extraction point VEP-10, facing northwest.	
Photo 2 – Installing VEP-8 and backfilling with Sakrete All-Purpose Gravel, facing northeast.	

Photo 3 – View of the repaired concrete and above-ground piping at VEP-9, facing northwest.	
Photo 4 – Installing the roof penetration at VEP-9, facing north.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/04/2021
NYSDEC BCP Site No:	C243043			Time:	06:45 – 14:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Muss Development, LLC (Muss)**: Doug King (Property Manager) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and two man crew

Site Activities

- Installation of the SSDS continued at the karate studio tenant space in the southern portion of the shopping center.
- Pennington completed an approximately 22-feet long by 16-inch wide by 6-inch deep trench in the slab for the horizontal below-grade well line associated with VEP-6.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- VOC concentrations were not detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Dust concentrations in exceedance of the daily STEL (0.150 mg/m^3) ranging from 0.169 to 0.407 mg/m^3 between 11:25 and 11:41 and from 0.173 to 0.425 mg/m^3 between 12:28 and 12:51 were detected at the work zone air monitoring station. The exceedances were caused by saw-cutting and jackhammer use for concrete removal within close proximity to the air monitoring station. Dust was controlled with application of water and use of a shop-vac, and was not observed migrating beyond the immediate work zone. The dust concentrations decreased and subsided to levels below the daily STEL after additional water and shop-vac was applied to the work area.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

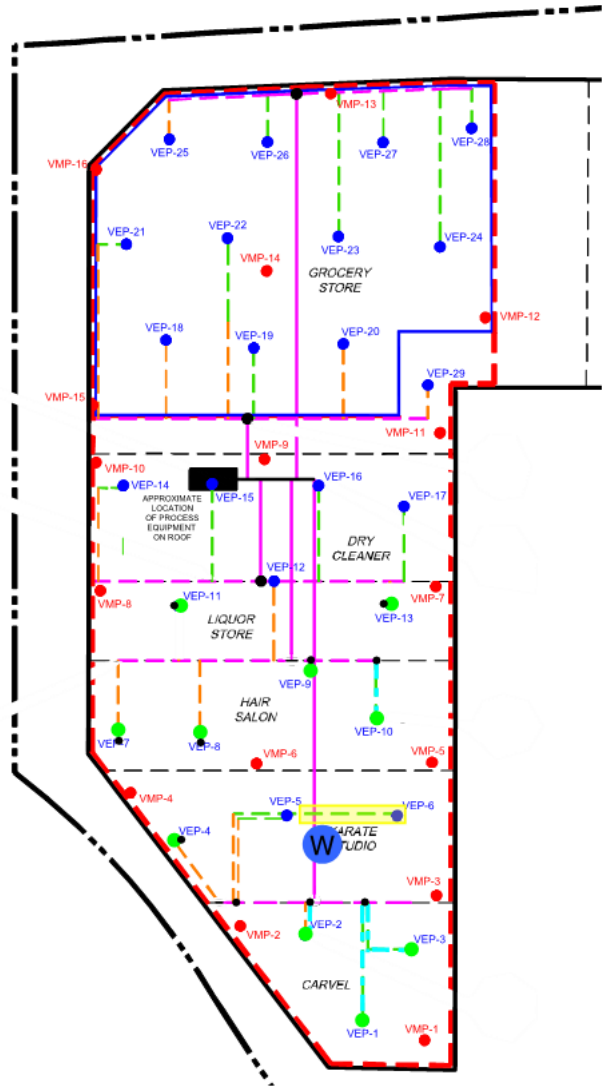
Problems Encountered

- None.

Activities Scheduled for Next Day

- Pennington will continue installing VEPs and VMPs within the karate studio tenant space.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

Photo Log

Photo 1 – Saw-cutting the trench associated with VEP-6 for future below-grade well-line installation, facing northeast.	
Photo 2 – Applying water and shop-vac to work area for dust suppression during saw-cutting, facing northeast.	

Photo 3 – Removing concrete from trench associated with VEP-6 using a jack-hammer, facing northeast.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/05/2021
NYSDEC BCP Site No:	C243043			Time:	06:45 – 15:15

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Muss Development, LLC (Muss)**: Doug King (Property Manager) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and two man crew

Site Activities

- Installation of the SSDS continued at the karate studio tenant space in the southern portion of the shopping center.
- Pennington installed vapor extraction points VEP-5 and VEP-6. The VEPs were backfilled with Sakrete All-Purpose Gravel.
- Pennington completed an approximately 16-inch wide by 6-inch deep trench and subsequently installed the 2-inch PVC below-grade well lines for VEP-5 and VEP-6.
- Pennington placed 40 mil polyethylene sheeting above vapor extraction points VEP-5 and VEP-6 and associated horizontal below-grade well lines prior to pouring concrete for slab repair. The floor will be finished with hardwood flooring at a later date.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- VOC concentrations were not detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Dust concentrations in exceedance of the daily STEL (0.150 mg/m^3) ranging from 0.212 to 0.957 mg/m^3 between 7:55 and 8:19 were detected at the work zone air monitoring station. The exceedances were caused by jackhammer use for concrete removal within close proximity to the air monitoring station. Dust was controlled with application of water and use of a shop-vac, and was not observed migrating beyond the immediate work zone. The dust concentrations decreased and subsided to levels below the daily STEL after additional water and shop-vac was applied to the work area.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

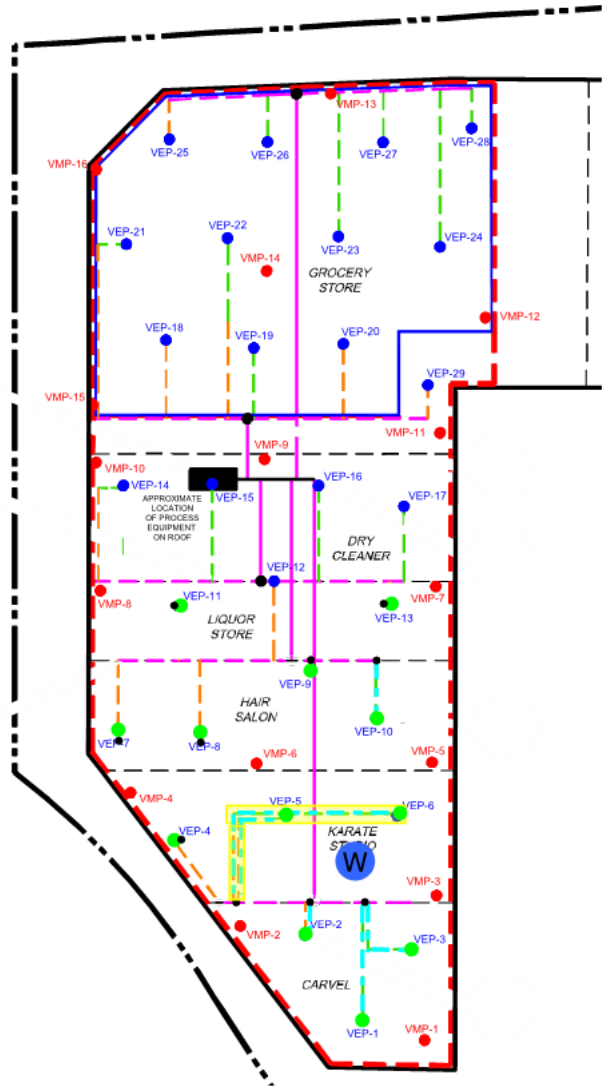
Problems Encountered

- None

Activities Scheduled for Next Day

- Pennington will begin installing VEPs and VMPs within the dry cleaner tenant space.
- Pennington will install vertical above-grade piping associated with VEP-5 and VEP-6 within the karate studio.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

LANGAN

Photo Log

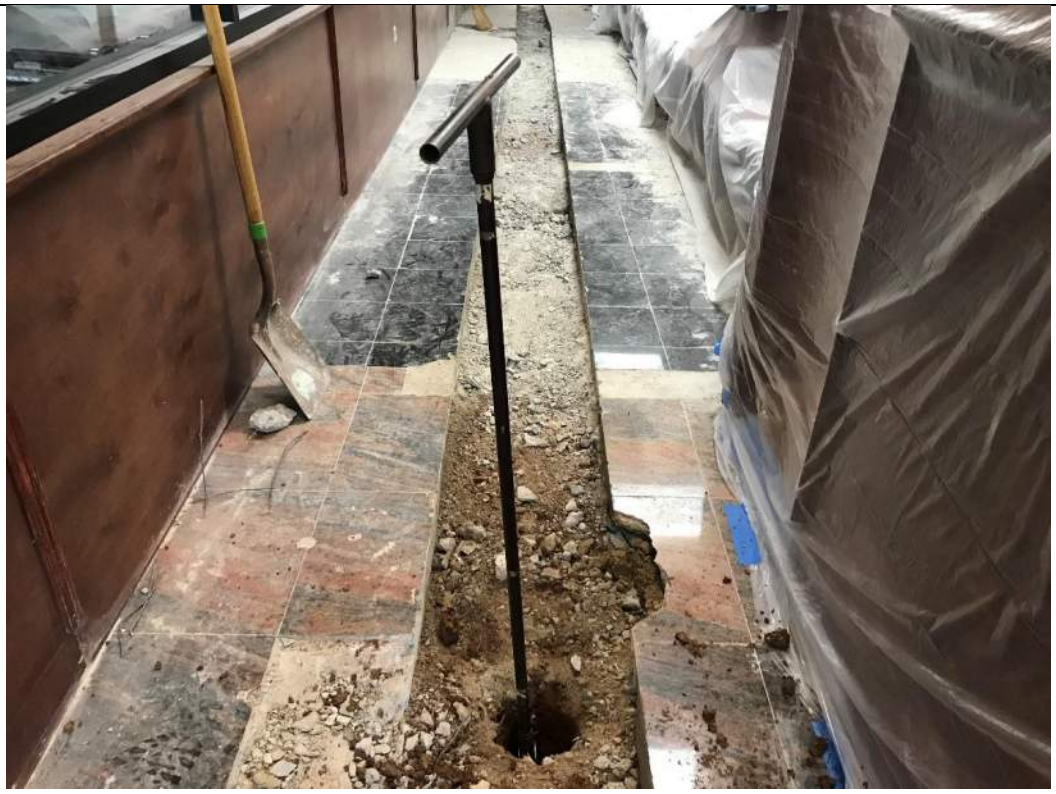
Photo 1 – Jackhammering concrete for trench associated with VEP-5 for below-grade well-line installation, facing northeast.	
Photo 2 – Removing soil for vapor extraction point VEP-6 construction, facing southwest.	

Photo 3 – Installing 2-inch PVC horizontal below-grade well-line piping, facing southwest.	
Photo 4 – Repaired concrete slab within the karate studio, facing southwest.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/06/2021
NYSDEC BCP Site No:	C243043			Time:	07:00 – 15:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Muss Development, LLC (Muss)**: Doug King (Property Manager) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and two man crew **Tob's Flooring**: Two man crew

Site Activities

- Installation of the SSDS commenced at the dry cleaner tenant space in the central portion of the shopping center.
- Pennington completed approximately 6- to 10-inch wide by 6-inch deep trenches and subsequently installed the 2-inch PVC below-grade well lines for VEP-16 and VEP-17.
- Pennington installed vapor extraction points VEP-16 and VEP-17. The VEPs were backfilled with Sakrete All-Purpose Gravel. An additional, contingent VEP was installed along the northern wall of the dry cleaner tenant space within the VEP-17 trench. This additional VEP may be used in lieu of the original VEP-29 location if field conditions do not allow for installation at the original proposed location within the grocery store.
- Pennington placed Sakrete All Purpose Gravel and 40 mil polyethylene sheeting above vapor extraction points VEP-16 and VEP-17 and associated horizontal below-grade well lines prior to pouring concrete for slab repair.
- Tob's Flooring replaced the hardwood flooring within the karate studio tenant space.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- VOC concentrations were not detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Dust concentrations in exceedance of the daily STEL (0.150 mg/m^3) ranging from 0.159 to 0.229 mg/m^3 between 9:55 and 10:10 and from 0.156 to 0.177 mg/m^3 between 10:35 and 10:44 were detected at the work zone air monitoring station. The exceedances were caused by saw-cutting for concrete removal within close proximity to the air monitoring station. Dust was controlled with application of water and use of a shop-vac, and was not observed migrating beyond the immediate work zone. The dust concentrations decreased and subsided to levels below the daily STEL after additional water and shop-vac was applied to the work area.

CAMP (continued)

- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

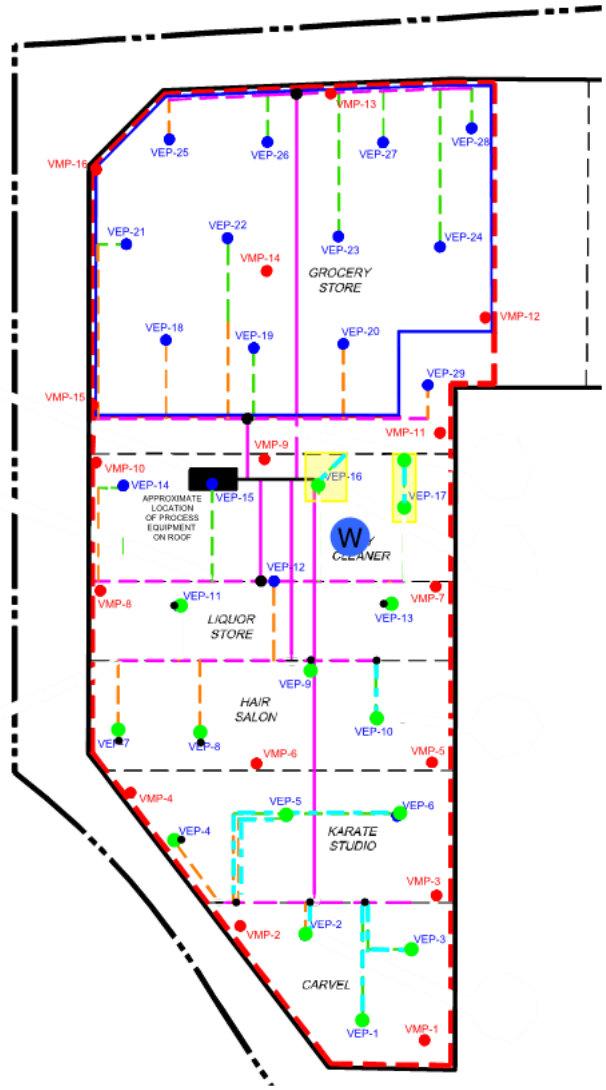
Problems Encountered

- None

Activities Scheduled for Next Day

- Pennington will continue installing VEPs and VMPs within the dry cleaner tenant space.
- Pennington will install vertical above-grade piping within the karate studio and dry cleaner tenant spaces.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

Photo Log

Photo 1 – Saw-cutting for trench for below-grade well-line installation associated with VEP-17, facing northwest.	
Photo 2 – View of completed concrete and soil removal for VEP-17 and associated below-grade well-line installation, facing northwest.	

Photo 3 – Completed 2-inch PVC horizontal below-grade well-line piping for VEP-17, facing northwest.	
Photo 4 – Repaired concrete slab for VEP-17 horizontal below-grade well-line piping and contingent VEP-29 location, facing northwest.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/07/2021
NYSDEC BCP Site No:	C243043			Time:	07:00 – 15:30

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

PERSONNEL ON SITE:
Langan: Brandon Reiner (Environmental)
Muss Development, LLC (Muss): Doug King (Property Manager)
Pennington Environmental, LLC (Pennington): AJ Benjamin (Foreman) and two man crew
Tob's Flooring: Two man crew

Site Activities

- Installation of the SSDS continued at the dry cleaner tenant space in the central portion of the shopping center.
- Pennington core-drilled the concrete slab and installed vapor extraction points VEP-12, VEP-14, and VEP-15. Water and shop-vac was applied for dust suppression. The VEPs were backfilled with Sakrete All-Purpose Gravel. VEP-12 was relocated from the liquor store tenant space to the drycleaner tenant space due to field conditions and to decrease impact to business operations. The gravel was covered with 40 mil polyethylene sheeting prior to pouring concrete for slab repair at each VEP location.
- Pennington installed above-ground individual well line piping at VEP-12 and VEP-14 through VEP-17. 2-inch steel pipe with a gate valve was installed at each VEP, terminating immediately below the ceiling.
- Tob's Flooring replaced the hardwood flooring within the karate studio tenant space.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- VOC and dust concentrations were not detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

Problems Encountered

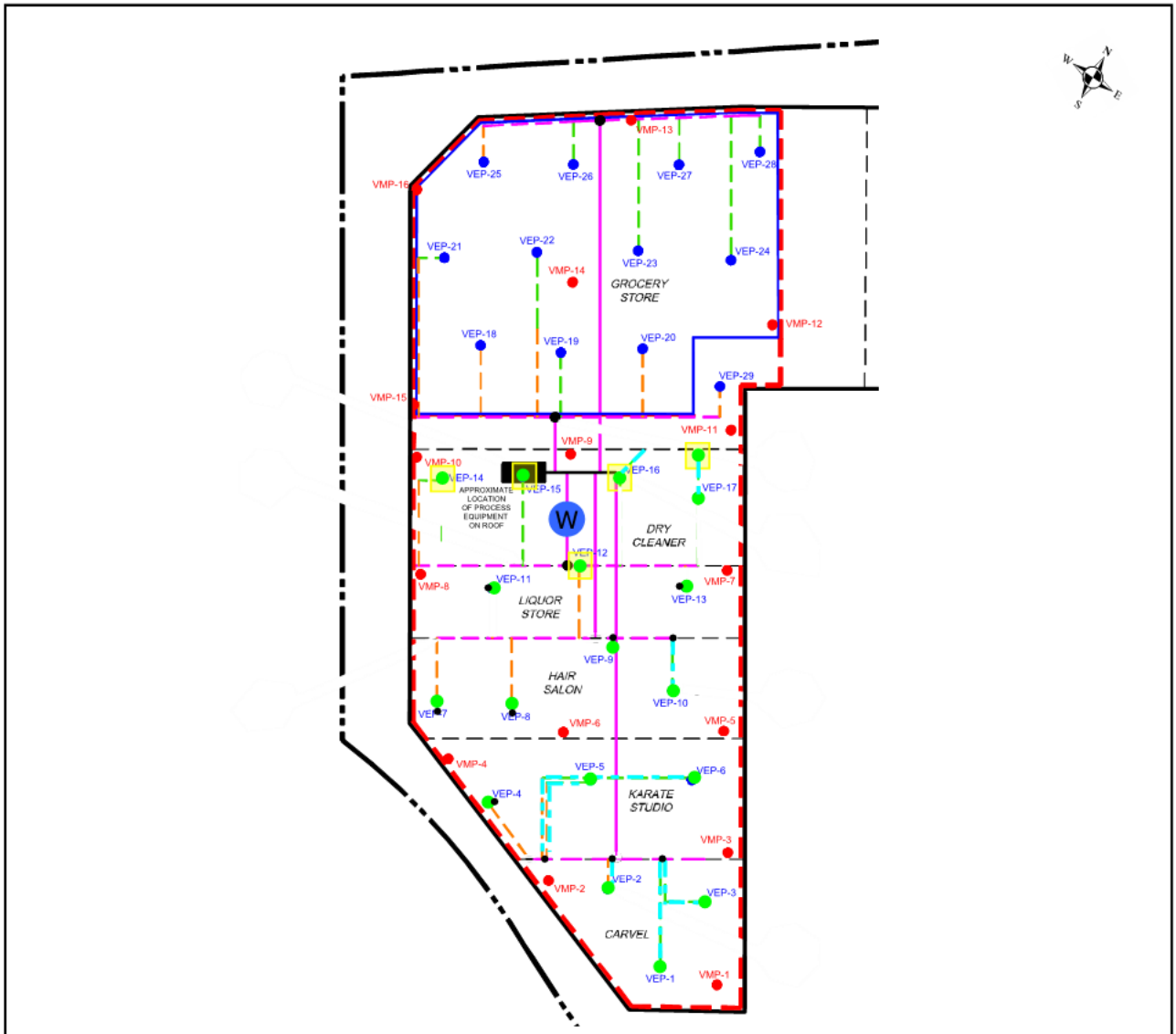
- None

Activities Scheduled for Next Day

- Pennington will begin installing VEPs and VMPs within the grocery store basement tenant space.
- Pennington will install vertical above-grade piping within the karate studio tenant space.
- Pennington will complete roof penetrations vertical within the karate studio and dry cleaner tenant spaces.

LANGAN

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

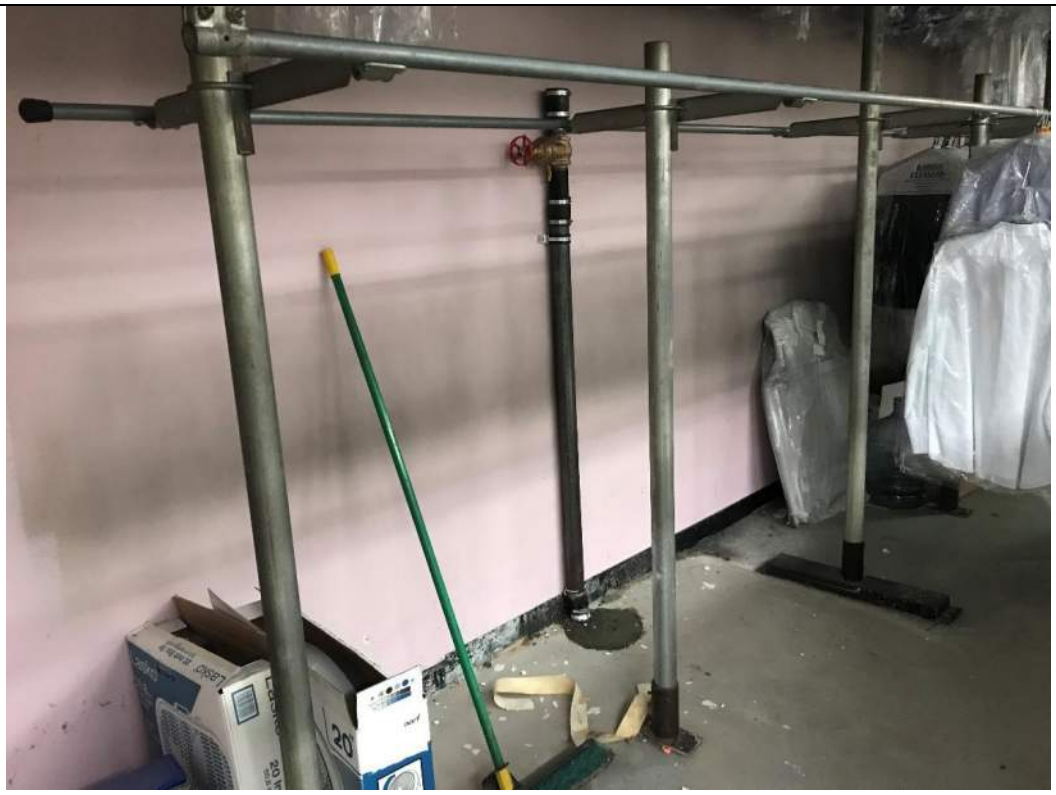
3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

LANGAN

Photo Log

Photo 1 – Core drilling for vapor extraction point VEP-15 with water and shop-vac application for dust suppression, facing southwest.	
Photo 2 – Removing soil for vapor extraction point VEP-15 installation, facing southwest.	

Photo 3 – Placing 40 mil polyethylene sheeting above backfilled Sakrete All-Purpose Gravel at VEP-15 prior to pouring concrete for slab repair, facing west.	
Photo 4 – View of completed vapor extraction point VEP-12 and vertical above-ground steel individual well line piping, facing southwest.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/10/2021
NYSDEC BCP Site No:	C243043			Time:	07:00 – 16:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Muss Development, LLC (Muss)**: Doug King (Property Manager) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and four man crew

Site Activities

- Installation of the SSDS continued at the dry cleaner and karate studio tenant spaces and commenced in the grocery store basement.
- Pennington core-drilled the concrete slab and installed vapor extraction points VEP-21, VEP-23, and VEP-25 in the grocery store basement. Water and shop-vac was applied for dust suppression. The VEPs were backfilled with Sakrete All-Purpose Gravel and the gravel was covered with 40 mil polyethylene sheeting prior to pouring concrete for slab repair at each VEP location. The following subsurface conditions were observed at each location:
    - VEP-21: The slab was observed to be 9-inches thick. Gravel and groundwater was observed immediately below the slab. The bottom of the VEP was set 5-inches below top of slab.
    - VEP-23: The slab was observed to be 6-inches thick. Moist clay and silt with gravel was observed immediately below the slab. The bottom of the VEP was set 6-inches below top of slab (flush with bottom of slab).
    - VEP-25: The slab was observed to be 5-inches thick. Gravel, clay and silt was observed immediately below the slab. Groundwater was observed 10-inches below top of slab. The bottom of the VEP was set 5-inches below top of slab (flush with bottom of slab).
- Pennington installed vertical above-ground individual well line piping and completed roof penetrations at VEP-5, VEP-6, VEP-12, and VEP-14 through VEP-17 in the dry cleaner and karate studio.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- VOC and dust concentrations were not detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

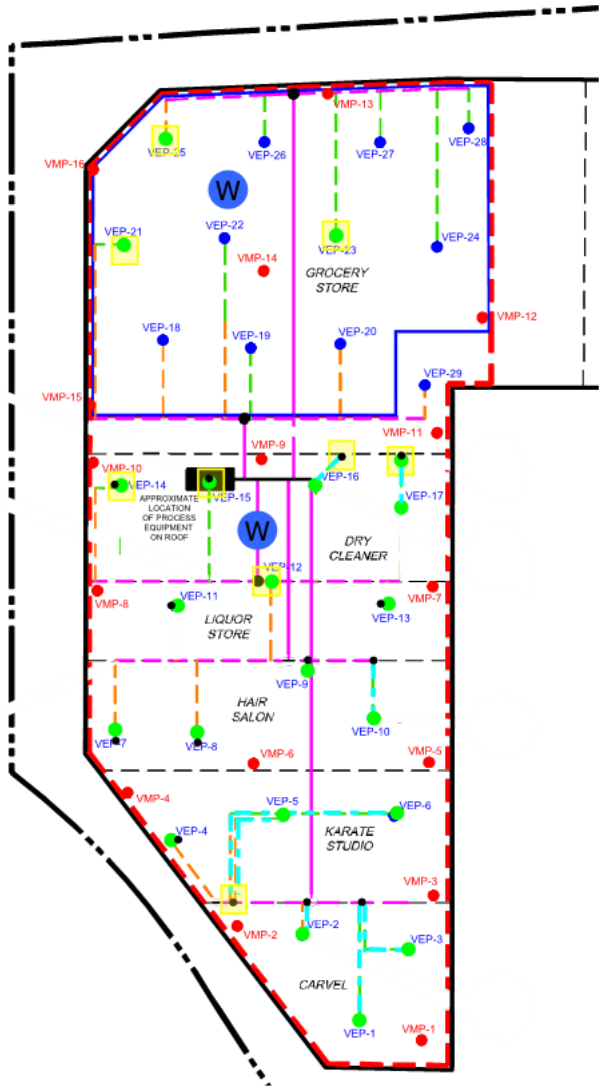
Problems Encountered

- None

Activities Scheduled for Next Day

- Pennington will continue installing VEPs and VMPs within the grocery store basement tenant space.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

Photo Log

Photo 1 – Core drilling for vapor extraction point VEP-25 with water and shop-vac application for dust suppression, facing west.	
Photo 2 – Groundwater observed at approximately 10-inches below top of slab during VEP-25 installation, facing northwest.	

Photo 3 – Sakrete All-Purpose Gravel backfilled and VEP installed prior to placement of 40 mil polyethylene sheeting and concrete slab repair at VEP-23, facing northwest.	
Photo 4 – Completing the roof penetration at VEP-15, facing northwest.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/11/2021
NYSDEC BCP Site No:	C243043			Time:	07:00 – 15:15

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and four man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington core-drilled the concrete slab and installed vapor extraction points VEP-18, VEP-19, VEP-22, and VEP-26. Water and shop-vac was applied for dust suppression. The VEPs were backfilled with Sakrete All-Purpose Gravel and the gravel was covered with 40 mil polyethylene sheeting prior to pouring concrete for slab repair at each VEP location. The following subsurface conditions were observed at each location:
    - VEP-18: The slab was observed to be 5.5-inches thick. Gravel with moist clay and silt was observed immediately below the slab. The bottom of the VEP was set 5.5-inches below top of slab (flush with bottom of slab).
    - VEP-19: The slab was observed to be 5.5-inches thick. Gravel with moist clay and silt was observed immediately below the slab. The bottom of the VEP was set 5.5-inches below top of slab (flush with bottom of slab).
    - VEP-22: The slab was observed to be 5.5-inches thick. Gravel with moist clay and silt was observed immediately below the slab. The bottom of the VEP was set 5.5-inches below top of slab (flush with bottom of slab).
    - VEP-26: The slab was observed to be 5.5-inches thick. Gravel with moist clay and silt was observed immediately below the slab. The bottom of the VEP was set 5.5-inches below top of slab (flush with bottom of slab).

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- VOC and dust concentrations were not detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

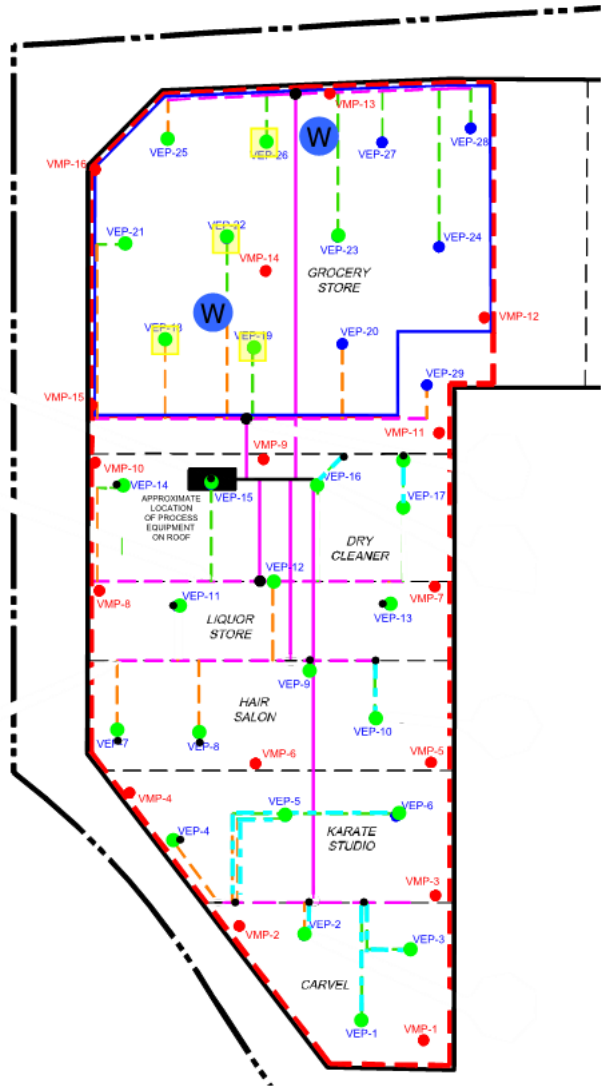
Problems Encountered

- None

Activities Scheduled for Next Day

- Pennington will continue installing VEPs and well-line piping within the grocery store basement tenant space.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

Photo Log

Photo 1 – Core drilling for vapor extraction point VEP-26 with water and shop-vac application for dust suppression, facing south.	
Photo 2 – Core drilling for vapor extraction point VEP-22 with water and shop-vac application for dust suppression, facing south.	

Photo 3 – View of subsurface conditions below the slab at vapor extraction point VEP-18, facing southwest.	
Photo 4 – Sakrete All-Purpose Gravel backfilled and vapor extraction point installed prior to placement of 40 mil polyethylene sheeting and concrete slab repair at VEP-26, facing southeast.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/12/2021
NYSDEC BCP Site No:	C243043			Time:	07:00 – 13:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and one man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement and roof.
- Pennington attempted to core-drill the concrete slab and install vapor extraction point VEP-24 in the grocery store basement. Water and shop-vac was applied for dust suppression. The core and vapor extraction point installation could not be completed due to mechanical difficulties with the core-drill.
- Pennington assessed feasibility of using a defunct air conditioning duct within the grocery store basement for subheader line penetration to the roof.
- Pennington assessed the locations of vapor extraction points VEP-27 and VEP-28 and determined individual well-line wall penetration locations.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- VOC and dust concentrations were not detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

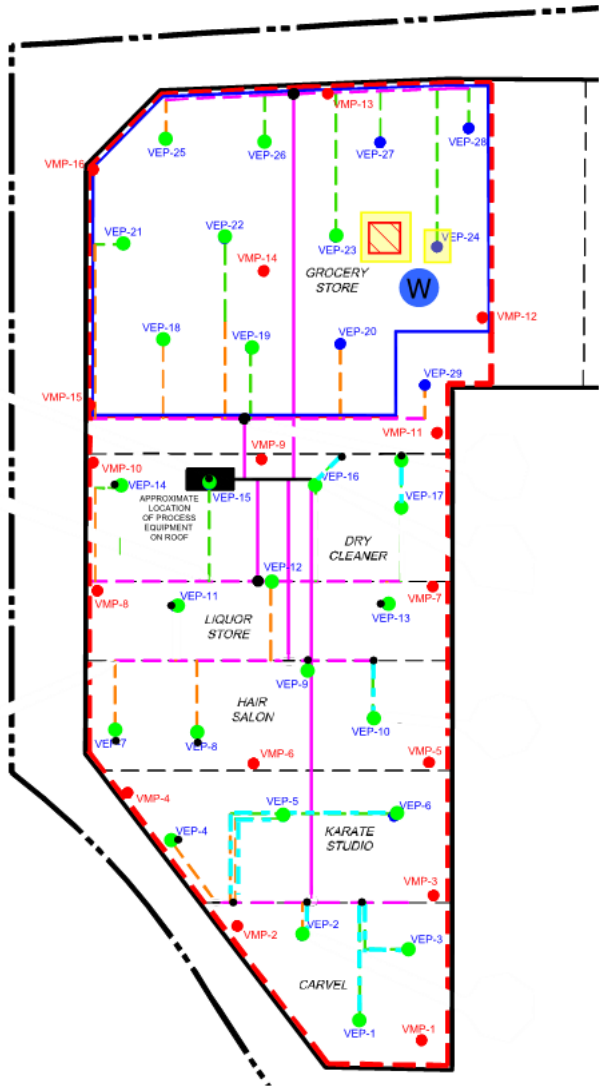
Problems Encountered

- Pennington experienced mechanical difficulties with the core-drill and could not complete VEP-24 installation. A functional core-drill will be mobilized to the site tomorrow, 13 May 2021.

Activities Scheduled for Next Day

- Pennington will continue installing VEPs and well-line piping within the grocery store basement tenant space.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- POTENTIAL PENETRATION THROUGH A/C DUCT

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

Photo Log

Photo 1 – Attempting to core drill for vapor extraction point VEP-24 with water and shop-vac application for dust suppression, facing northeast.	
Photo 2 – View of defunct A/C duct assessed for potential subheader line penetration to the roof (circled), facing north.	

Photo 3 – View of defunct exterior A/C duct assessed for potential subheader line penetration to the roof, facing south.	
Photo 4 – View of conditions within vicinity of proposed locations for vapor extraction points VEP-27 and VEP-28, facing northeast.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/13/2021
NYSDEC BCP Site No:	C243043			Time:	07:00 – 15:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and two man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington saw-cut trenches in the concrete slab for the horizontal below-grade well lines associated with vapor extraction points VEP-27 and VEP-28. Water and shop-vac was applied for dust suppression.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- VOC concentrations were not detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Dust concentrations in exceedance of the daily STEL (0.150 mg/m^3) ranging from 0.154 to 0.194 mg/m^3 between 11:20 and 11:32 and from 0.151 to 0.204 mg/m^3 between 11:36 and 11:48 were detected at the work zone air monitoring station. The exceedances were caused by operations associated with saw-cutting concrete within close proximity to the air monitoring station. Dust was controlled with application of water and use of a shop-vac, and was not observed migrating beyond the immediate work zone. The dust concentrations decreased and subsided to levels below the daily STEL after additional water and shop-vac was applied to the work area.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

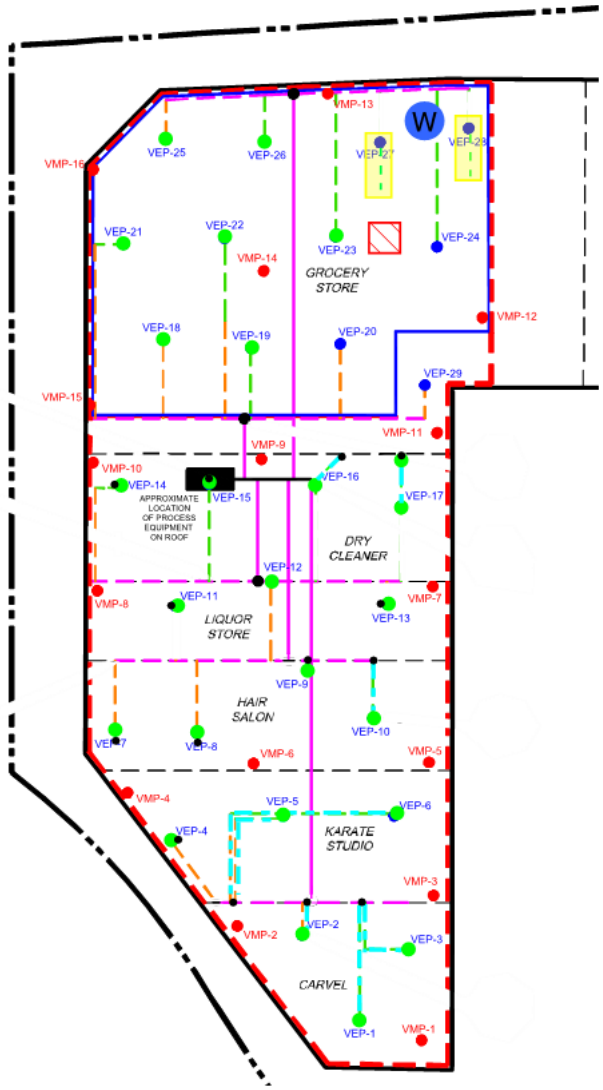
Problems Encountered

- None

Activities Scheduled for Next Day

- None. Pennington will continue installing VEPs and well-line piping within the grocery store basement tenant space on 17 May 2021.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- POTENTIAL PENETRATION THROUGH A/C DUCT

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

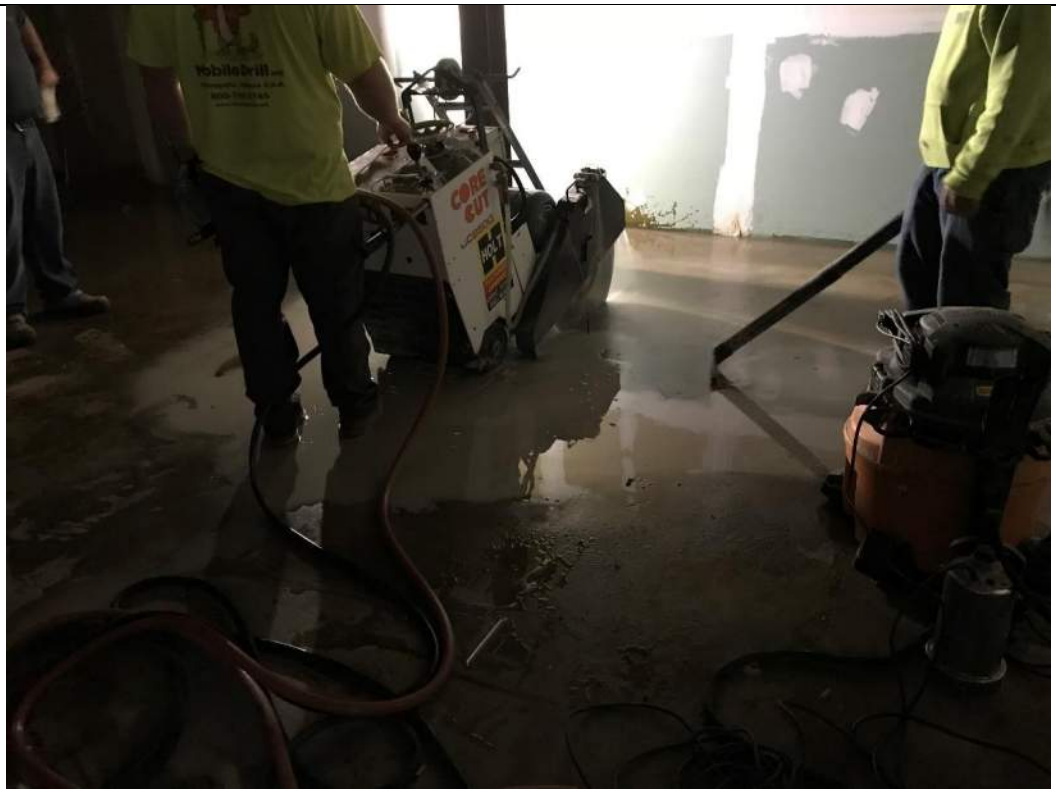
2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line locations located within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – Saw-cutting trench associated with vapor extraction point VEP-28 with water and shop-vac application for dust suppression, facing northeast.	
Photo 2 – Saw-cutting trench associated with vapor extraction point VEP-27 with water and shop-vac application for dust suppression, facing east.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/17/2021
NYSDEC BCP Site No:	C243043			Time:	07:00 – 15:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and three man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington completed approximately 12-inch wide by 5.5- to 7.5-inch deep trenches and subsequently installed the 2-inch PVC below-grade well lines associated with vapor extraction points VEP-27 and VEP-28.
- Pennington installed vapor extraction points VEP-27 and VEP-28. The VEPs were backfilled with Sakrete All-Purpose Gravel. 40 mil polyethylene sheeting was placed above the vapor extraction points and associated horizontal below-grade well lines prior to pouring concrete for slab repair. The following subsurface conditions were observed at each location:
    - VEP-27: The slab was observed to be 7.5-inches thick. A 2-inch thick gravel layer underlain by clay and silt was observed below the slab. Groundwater was observed approximately 5-inches below the bottom of the slab. The bottom of the VEP was set 2-inches below bottom of slab.
    - VEP-28: The slab was observed to be 5.5-inches thick. A 2-inch thick gravel layer underlain by clay and silt was observed below the slab. Groundwater was not observed. The bottom of the VEP was set 4-inches below bottom of slab.
- Pennington installed 2-inch steel vertical above-ground individual well line piping associated with VEP-27 and VEP-28.
- Pennington sealed the 3-inch French drain gap between the slab and foundation wall within the northeastern portion of the basement with OSI Quad Foam spray foam.
- Pennington repaired a damaged portion of the basement slab within the vicinity of VEP-28 with concrete.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

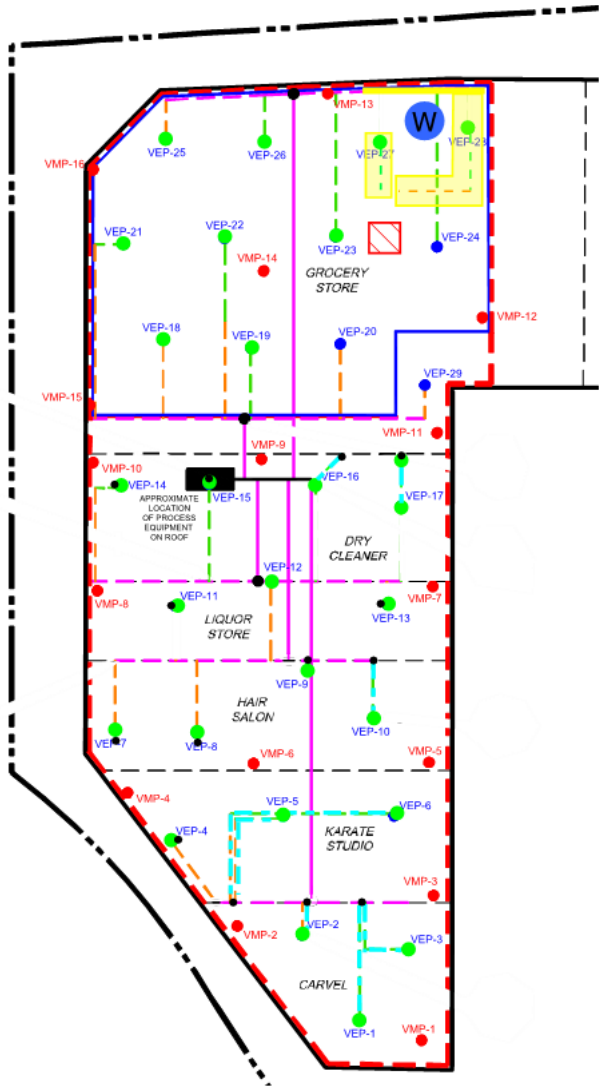
Problems Encountered

- None

Activities Scheduled for Next Day

- Continue VEP installation, above-ground well-line piping, and gap sealing within the grocery store basement.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- POTENTIAL PENETRATION THROUGH A/C DUCT
- Gap Sealing Completed

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line locations located within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – Installing vapor extraction point VEP-28 and associated individual below-grade well-line piping, facing north.	
Photo 2 – Above-ground well-line piping associated with VEP-28, facing east.	

Photo 3 – Concrete slab repaired within the vicinity of VEP-28, facing north.	
Photo 4 – Completed French drain gap sealing within the northeastern portion of the basement, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/18/2021
NYSDEC BCP Site No:	C243043			Time:	07:00 – 15:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and four man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington core-drilled concrete and installed vapor extraction points VEP-20 and VEP-24. Water and shop-vac was applied for dust suppression. The VEPs were backfilled with Sakrete All-Purpose Gravel. 40 mil polyethylene sheeting was placed above the vapor extraction points and associated horizontal below-grade well lines prior to pouring concrete for slab repair. The following subsurface conditions were observed at each location:
    - VEP-20: The slab was observed to be 6-inches thick. A 2-inch thick gravel layer underlain by clay and silt was observed below the slab. Groundwater was observed approximately 4-inches below the bottom of the slab. The bottom of the VEP was set flush with bottom of slab.
    - VEP-24: The slab was observed to be 6-inches thick. A 2-inch thick gravel layer underlain by clay and silt was observed below the slab. Groundwater was observed approximately 2-inches below the bottom of the slab. The bottom of the VEP was set 2-inches above bottom of slab.
- Pennington installed 2-inch steel vertical above-ground individual well line piping associated with VEP-18 through VEP-23, VEP-25, and VEP-26.
- Pennington installed 2-inch steel horizontal above-ground individual well line piping associated with VEP-27 and VEP-28.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

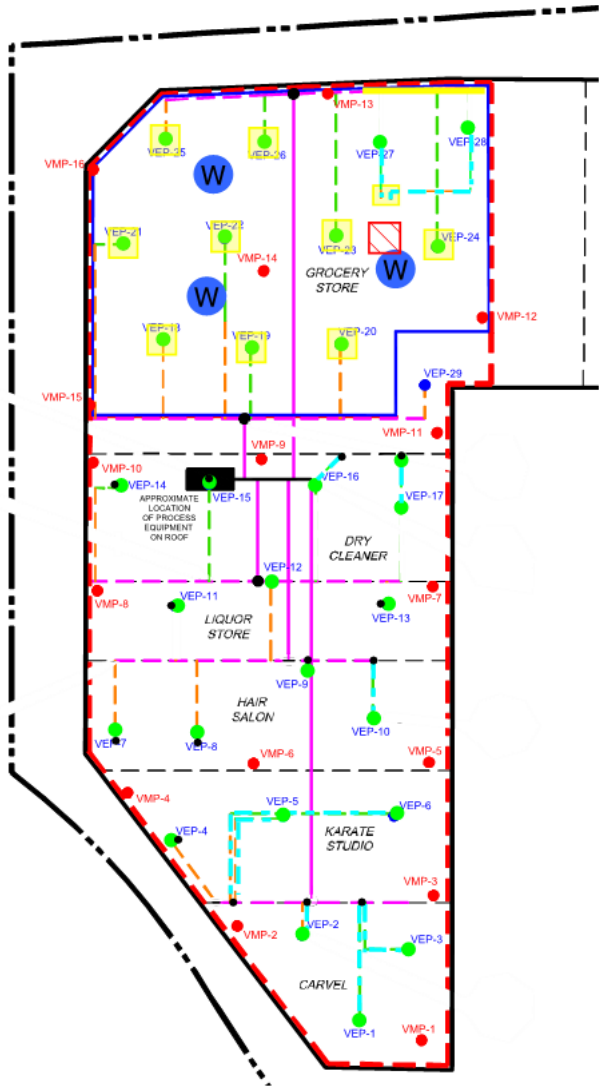
Problems Encountered

- None

Activities Scheduled for Next Day

- Continue above-ground well-line piping and gap sealing within the grocery store basement.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- POTENTIAL PENETRATION THROUGH A/C DUCT
- Gap Sealing Completed

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line locations located within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – Core drilling for vapor extraction point VEP-24 with water and shop-vac application for dust suppression, facing northeast.	
Photo 2 – Core drilling for vapor extraction point VEP-20 with water and shop-vac application for dust suppression, facing northeast.	

Photo 3 – View of vertical above-ground steel individual well line piping associated with VEP-22, facing northeast.	
Photo 4 – View of vertical and horizontal above-ground steel individual well line piping associated with VEP-27 and VEP-28, facing east.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/19/2021
NYSDEC BCP Site No:	C243043			Time:	07:15 – 15:15

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and three man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington installed 2-inch steel horizontal above-ground individual well line piping associated with VEP-21.
- Pennington sealed the 3-inch French drain gap between the slab and foundation wall within the southeastern portion of the basement with OSI Quad Foam spray foam.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

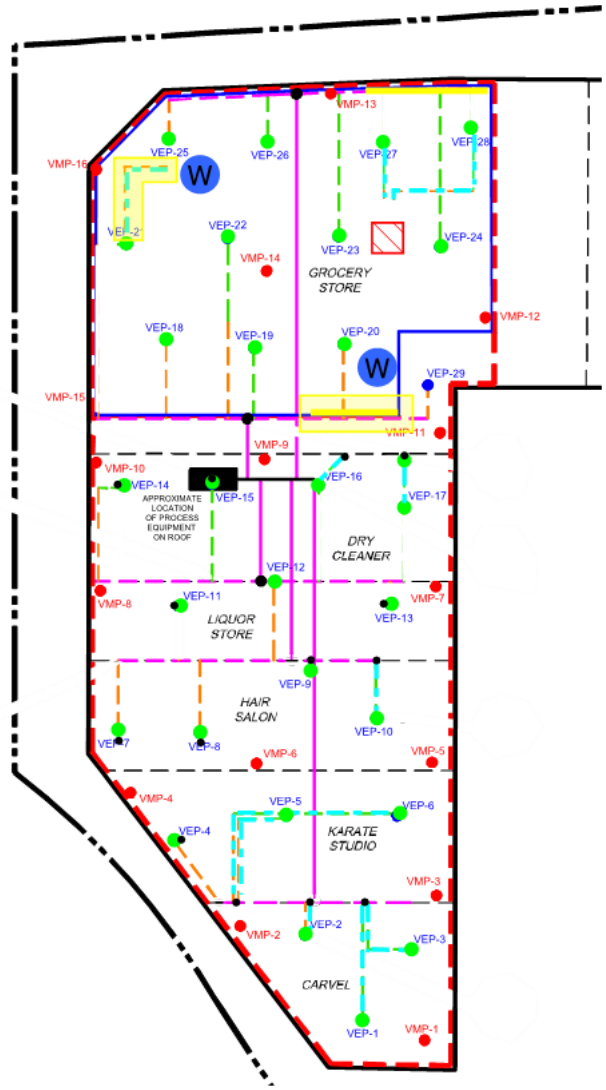
Problems Encountered

- None

Activities Scheduled for Next Day

- Continue above-ground well-line piping and gap sealing within the grocery store basement.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- POTENTIAL PENETRATION THROUGH A/C DUCT
- Gap Sealing Completed

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of above-ground steel individual well line piping associated with VEP-21, facing southwest.	
Photo 2 – View of above-ground steel individual well line piping associated with VEP-21, facing northeast.	

Photo 3 – Sealing the French drain gap within the southeastern portion of the grocery store basement, facing east.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/20/2021
NYSDEC BCP Site No:	C243043			Time:	07:15 – 15:45

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and two man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington installed 2-inch steel horizontal above-ground individual well line piping associated with vapor extraction points VEP-21, VEP-22, and VEP-25.
- Pennington sealed the 3-inch French drain gap between the slab and foundation wall within the eastern and southeastern portion of the basement with OSI Quad Foam spray foam.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station. The pDR experienced technical difficulties and delivered particulate readings uncharacteristic of indoors or outdoors conditions throughout the day, and therefore could not be used to monitor dust concentrations. An equipment replacement has been scheduled for tomorrow, 21 May 2021.
- No VOC concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Dust concentrations could not be monitored using the pDR due to technical difficulties throughout the day, however no ground- or slab-intrusive work was performed and no visible dust was observed.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC concentrations were detected above the action levels and no visible dust was observed at any intake vents within the tenant space.

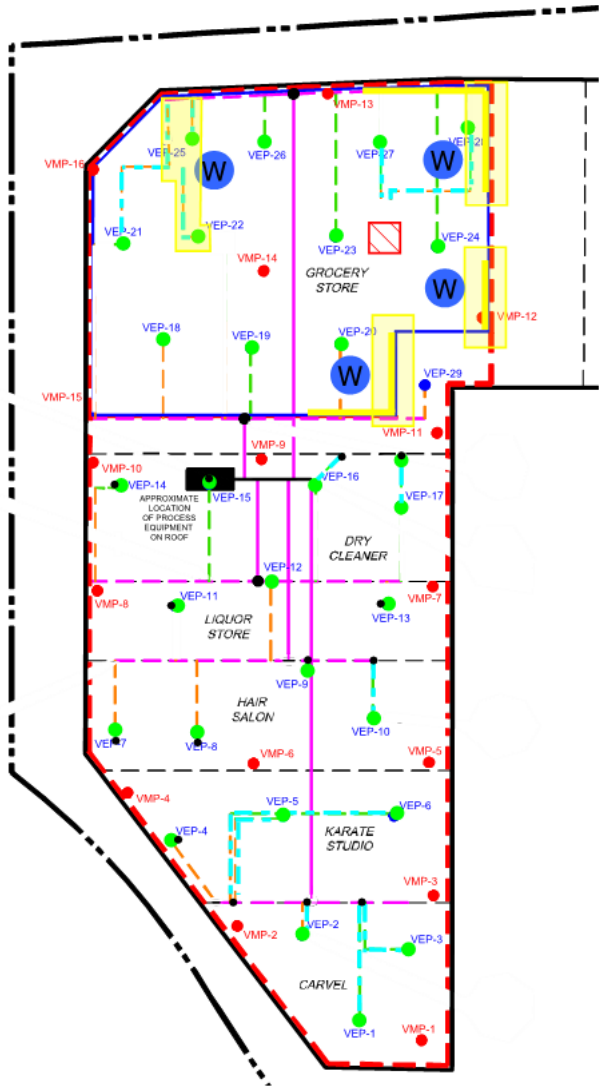
Problems Encountered

- None

Activities Scheduled for Next Day

- Continue above-ground well-line piping and gap sealing within the grocery store basement.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- POTENTIAL PENETRATION THROUGH A/C DUCT
- Gap Sealing Completed

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

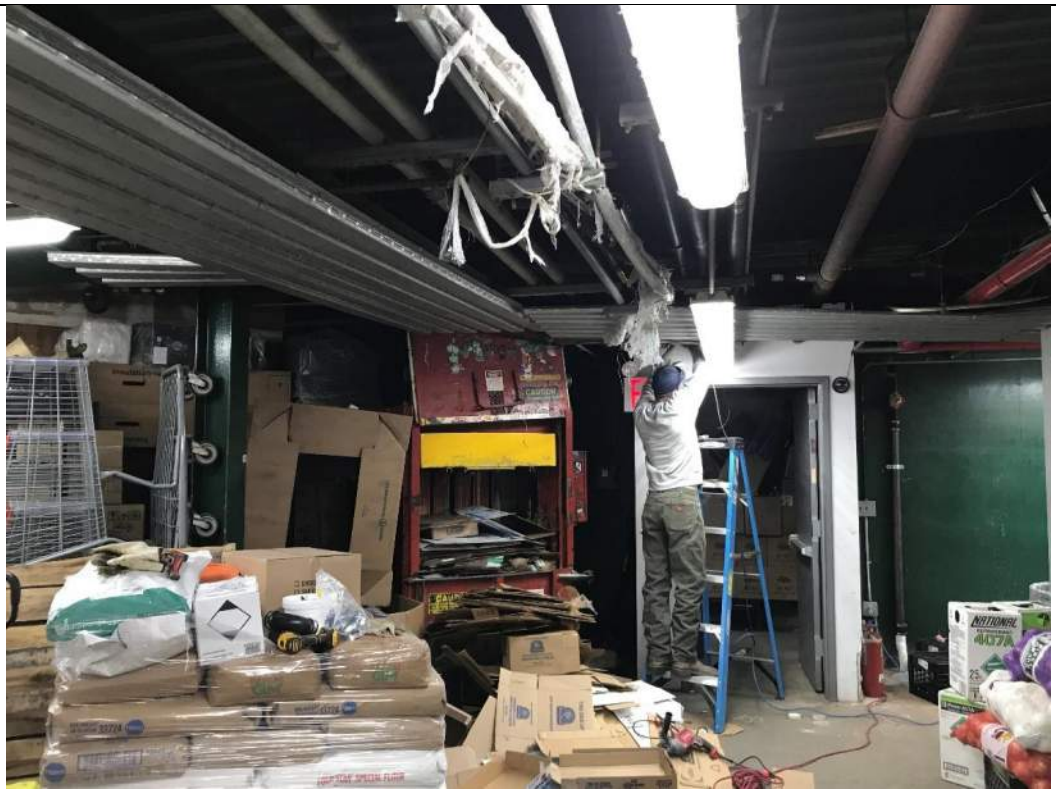
Photo 1 – View of above-ground steel individual well line piping associated with VEP-22, facing northeast.	
Photo 2 – View of above-ground steel individual well line piping associated with VEP-21, facing northwest.	

Photo 3 – Sealing the French drain gap within the southeastern portion of the grocery store basement, facing northeast.	
Photo 4 – Completed French drain gap sealing within the northeastern portion of the grocery store basement, facing northeast.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/21/2021
NYSDEC BCP Site No:	C243043			Time:	08:15 – 15:15

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: Eric Fox (Foreman) and two man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington installed 2-inch steel horizontal above-ground individual well line piping associated with vapor extraction points VEP-18, VEP-19, and VEP-22.
- Pennington sealed the 3-inch French drain gap between the slab and foundation wall within the eastern portion of the basement with OSI Quad Foam spray foam.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station. The replacement pDR delivered to the site was non-functional and therefore could not be used to monitor dust concentrations. Another equipment replacement has been scheduled for Monday, 24 May 2021.
- No VOC concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Dust concentrations could not be monitored using the pDR due to technical difficulties, however no ground- or slab-intrusive work was performed and no visible dust was observed.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC concentrations were detected above the action levels and no visible dust was observed at any intake vents within the tenant space.

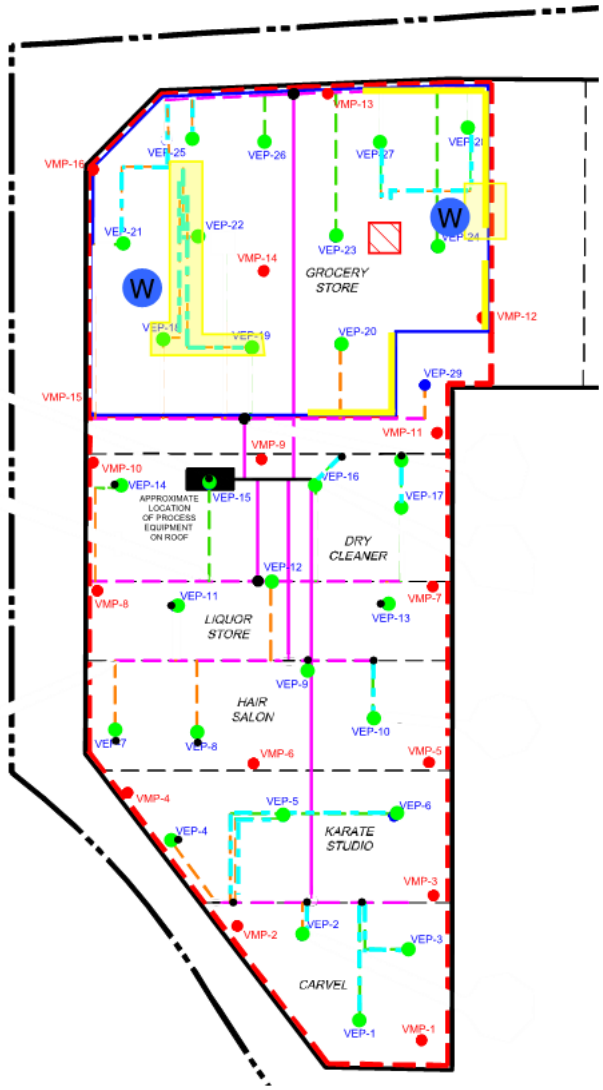
Problems Encountered

- None

Activities Scheduled for Next Day

- Continue above-ground well-line piping and gap sealing within the grocery store basement.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- POTENTIAL PENETRATION THROUGH A/C DUCT
- Gap Sealing Completed

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

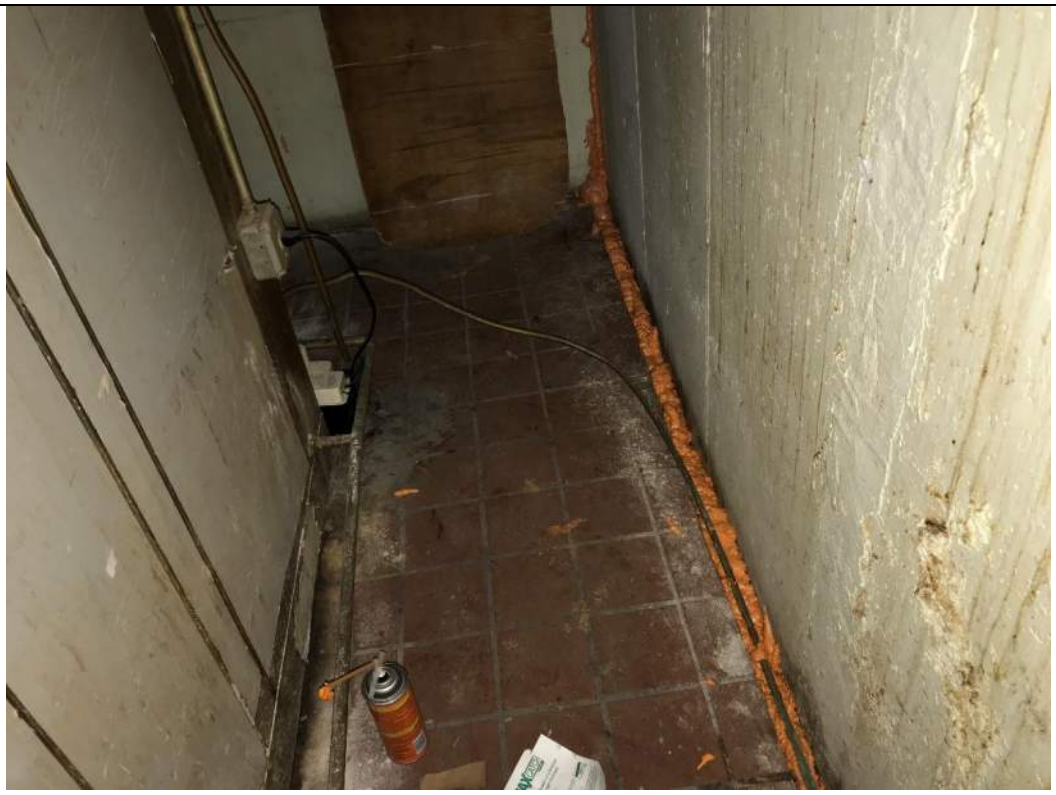
3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of above-ground steel individual well line piping associated with VEP-18, facing southeast.	
Photo 2 – View of above-ground steel individual well line piping associated with VEP-18, facing southeast.	

Photo 3 – View of above-ground steel individual well line piping associated with VEP-19, facing north.	
Photo 4 – Completed French drain gap sealing within the eastern portion of the grocery store basement, facing northwest.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/24/2021
NYSDEC BCP Site No:	C243043			Time:	07:15 – 15:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and four man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington installed 2-inch steel horizontal above-ground individual well line piping associated with vapor extraction points VEP-18, VEP-19, and VEP-22.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

Problems Encountered

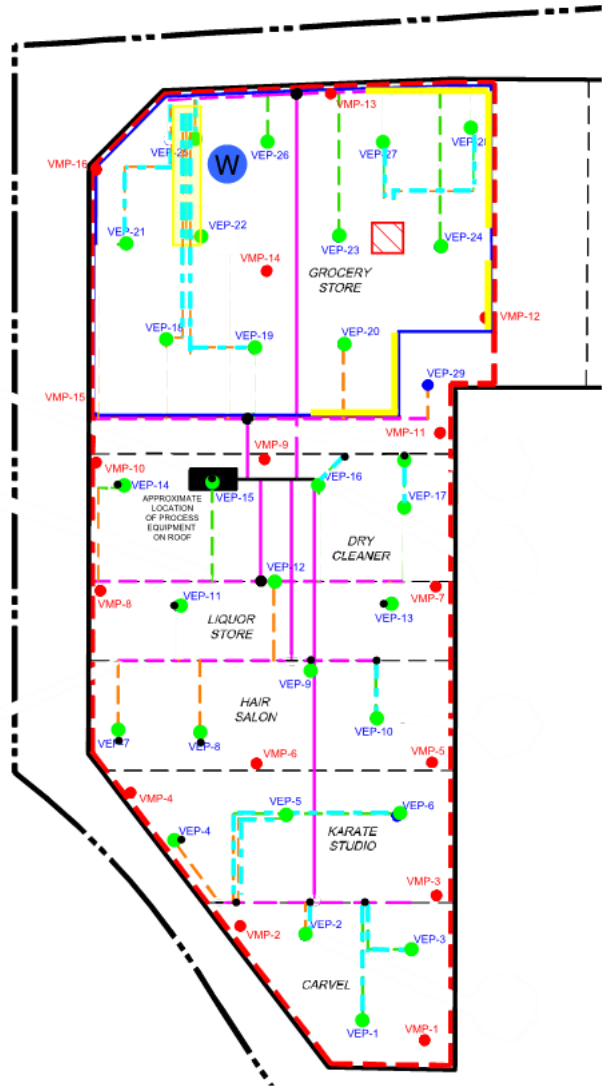
- None

Activities Scheduled for Next Day

- Continue above-ground well-line piping and gap sealing within the grocery store basement.

LANGAN

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- POTENTIAL PENETRATION THROUGH A/C DUCT
- Gap Sealing Completed

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of above-ground steel individual well line piping associated with VEP-18, VEP-19, and VEP-22, facing northeast.	
Photo 2 – View of above-ground steel individual well line piping associated with VEP-18, VEP-19, VEP-22, and VEP-25, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/25/2021
NYSDEC BCP Site No:	C243043			Time:	07:15 – 15:45

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and four man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington installed 2-inch steel horizontal above-ground individual well line piping associated with vapor extraction point VEP-26.
- Pennington installed 4-inch steel horizontal subheader line piping within the northwestern portion of the grocery store basement.
- Pennington drilled a hole in the roof for future subheader line piping penetration from the grocery store basement.
- Pennington sealed the 3-inch French drain gap between the slab and foundation wall within the northern, eastern, and western portions of the basement with Loctite Tite Foam spray foam.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

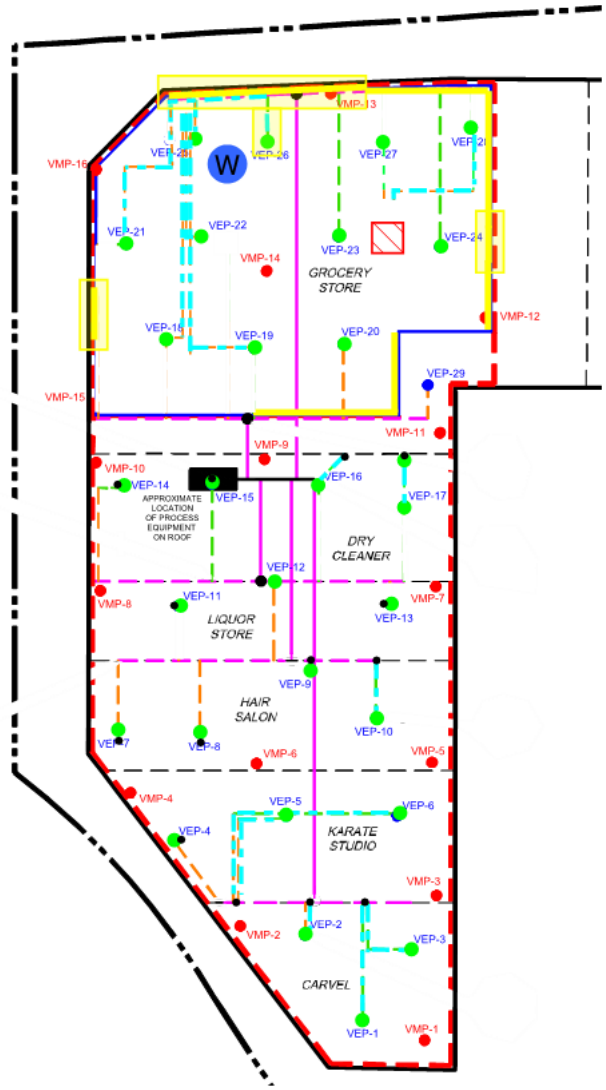
Problems Encountered

- None

Activities Scheduled for Next Day

- Continue above-ground well-line piping, subheader line piping, and gap sealing within the grocery store basement.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- POTENTIAL PENETRATION THROUGH A/C DUCT
- Gap Sealing Completed

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

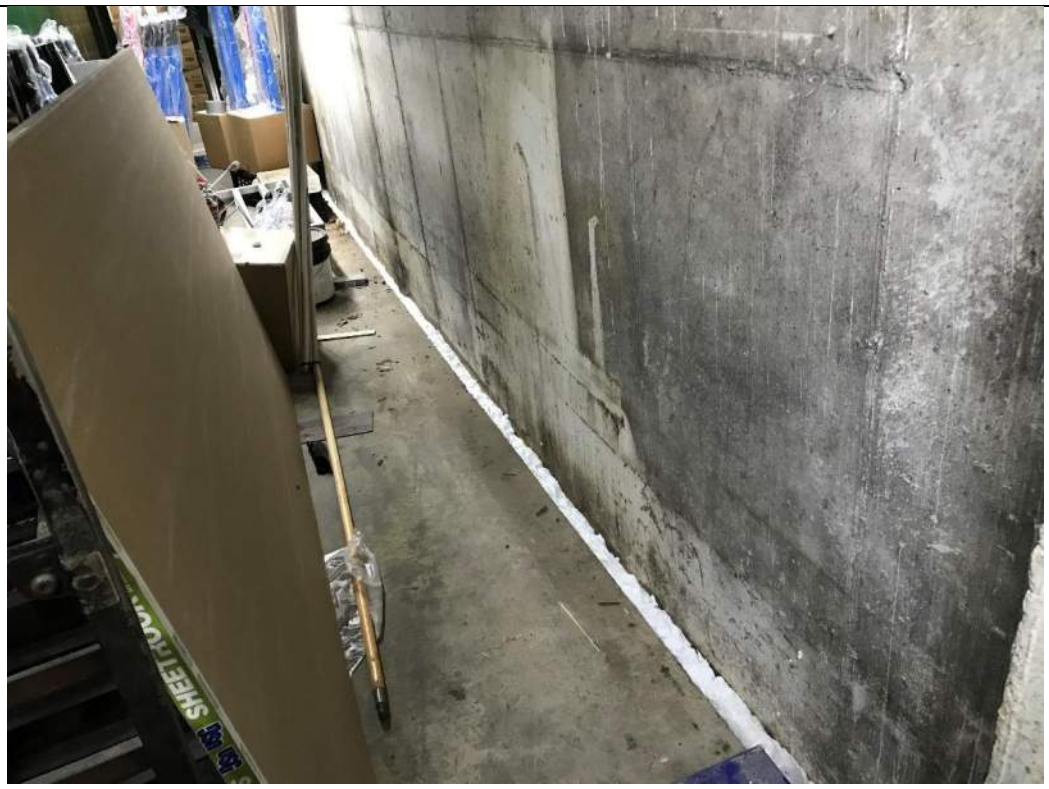
3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of subheader line piping within the northwestern portion of the grocery store basement, facing north.	
Photo 2 – View of above-ground steel individual well line piping associated with VEP-26, facing northeast.	

Photo 3 – View of French drain gap sealing within the northwestern portion of the basement, facing west.	
Photo 4 – View of French drain gap sealing within the western portion of the basement, facing southwest.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/26/2021
NYSDEC BCP Site No:	C243043			Time:	07:15 – 15:45

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and four man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington installed 2-inch steel horizontal above-ground individual well line piping associated with vapor extraction points VEP-18, VEP-19, VEP-21, VEP-22, VEP-25, and VEP-26, manifolding to the 4-inch horizontal subheader line.
- Pennington installed 4-inch steel horizontal and vertical subheader line piping within the northwestern portion of the grocery store basement. The roof penetrations were completed and 4-inch steel pipe was extended to above the roof surface at each location. A PVC cap was placed on the end of the vertical subheader line.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

Problems Encountered

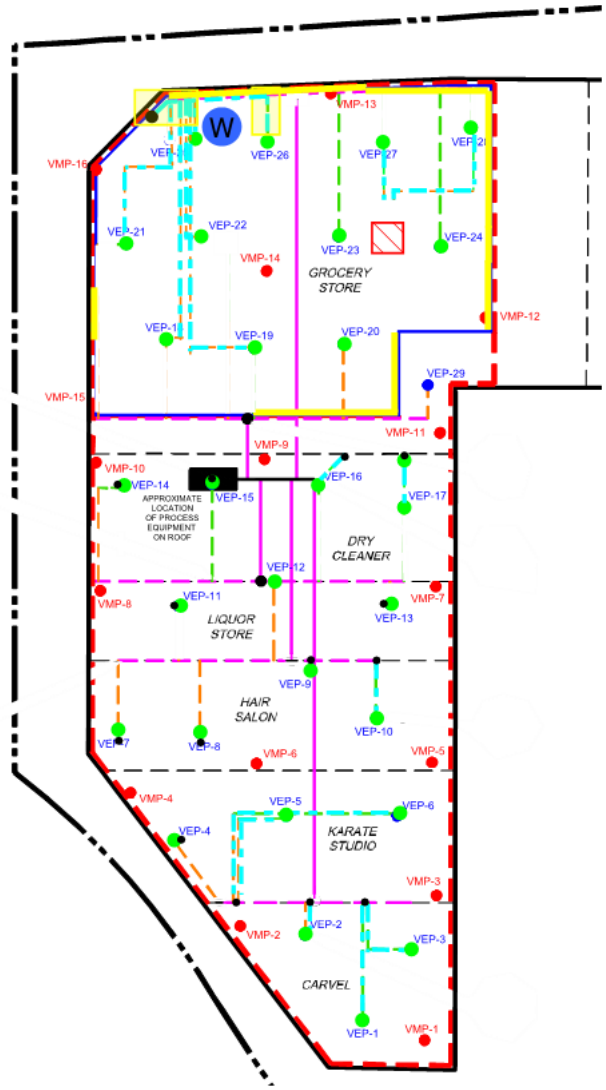
- None

Activities Scheduled for Next Day

- Continue above-ground well-line piping, subheader line piping, and gap sealing within the grocery store basement.

LANGAN

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- POTENTIAL PENETRATION THROUGH A/C DUCT
- Gap Sealing Completed

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

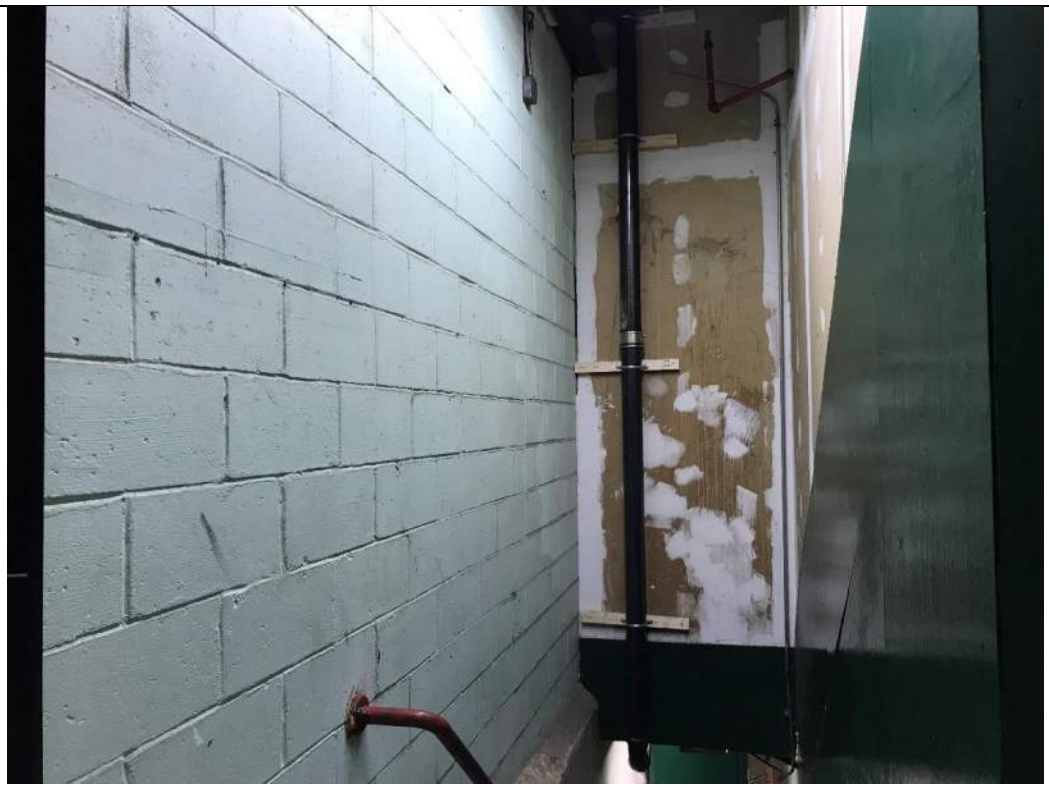
4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of above-ground steel individual well line piping associated with VEP-26, manifolding to the 4-inch steel subheader line, facing southwest.	
Photo 2 – View of above-ground steel individual well line piping associated with VEP-18, VEP-19, VEP-21, VEP-22, and VEP-25 manifolding to the 4-inch steel subheader line, facing southwest.	

Photo 3 – View of the vertical 4-inch steel subheader line within the northwestern portion of the grocery store basement and first floor, facing northeast.	
Photo 4 – View of the completed roof penetration for the northwestern subheader line within the grocery store basement, facing north.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/27/2021
NYSDEC BCP Site No:	C243043			Time:	07:15 – 15:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and four man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington installed 2-inch steel horizontal above-ground individual well line piping associated with vapor extraction points VEP-20, VEP-23, VEP-24, VEP-27, and VEP-28, manifolding to the 4-inch horizontal subheader line.
- Pennington installed 4-inch steel horizontal and vertical subheader line piping within the eastern portion of the grocery store basement. The roof penetration was completed and 4-inch steel pipe was extended to above the roof surface. A PVC cap was placed on the end of the vertical subheader line. The penetration between the first floor and basement has not been completed.
- Pennington sealed the 3-inch French drain gap between the slab and foundation wall within the western portion of the basement with Loctite Tite Foam spray foam.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

Problems Encountered

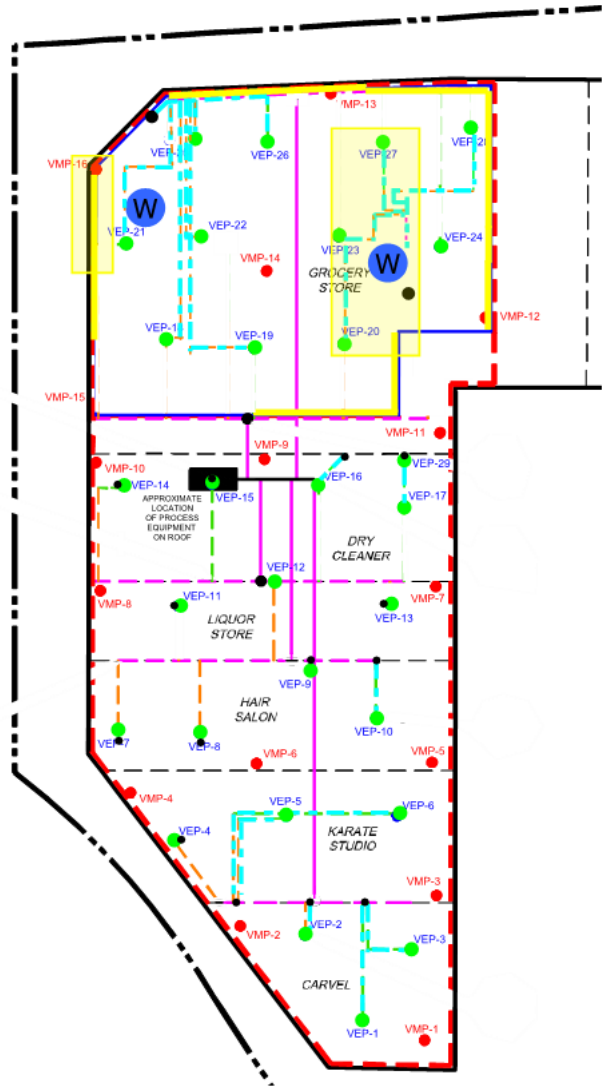
- Pennington experienced issues drilling the penetration between the first floor and basement for vertical subheader line installation within the grocery store. The location will be attempted with different equipment tomorrow, 28 May 2021.

Activities Scheduled for Next Day

- Complete above-ground well-line piping, subheader line piping, and gap sealing within the grocery store basement.
- Temporary demobilize from the site until mobilization for dunnage, processing equipment, and roof-top piping installation.

LANGAN

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of above-ground steel individual well line piping associated with VEP-20, facing southeast.	
Photo 2 – View of above-ground steel individual well line piping associated with VEP-23, VEP-27, and VEP-28, manifolding to the 4-inch steel subheader line, facing northeast.	

Photo 3 – View of the horizontal 4-inch steel subheader line within the eastern portion of the grocery store basement, facing north.	
Photo 4 – View of the completed roof penetration for the eastern subheader line within the grocery store basement, facing northeast.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70		70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	5/28/2021
NYSDEC BCP Site No:	C243043			Time:	07:30 – 12:15

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and four man crew

Site Activities

- Installation of the SSDS continued in the grocery store basement.
- Pennington installed 2-inch steel horizontal above-ground individual well line piping associated with vapor extraction points VEP-20 and VEP-24, manifolding to the 4-inch horizontal subheader line.
- Pennington installed 4-inch steel horizontal and vertical subheader line piping within the eastern portion of the grocery store basement. The penetration between the first floor and basement has been completed.
- Pennington sealed the 3-inch French drain gap between the slab and foundation wall within the southeastern portion of the basement with Loctite Tite Foam spray foam.

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during soil disturbance. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at vent intakes within the tenant space every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

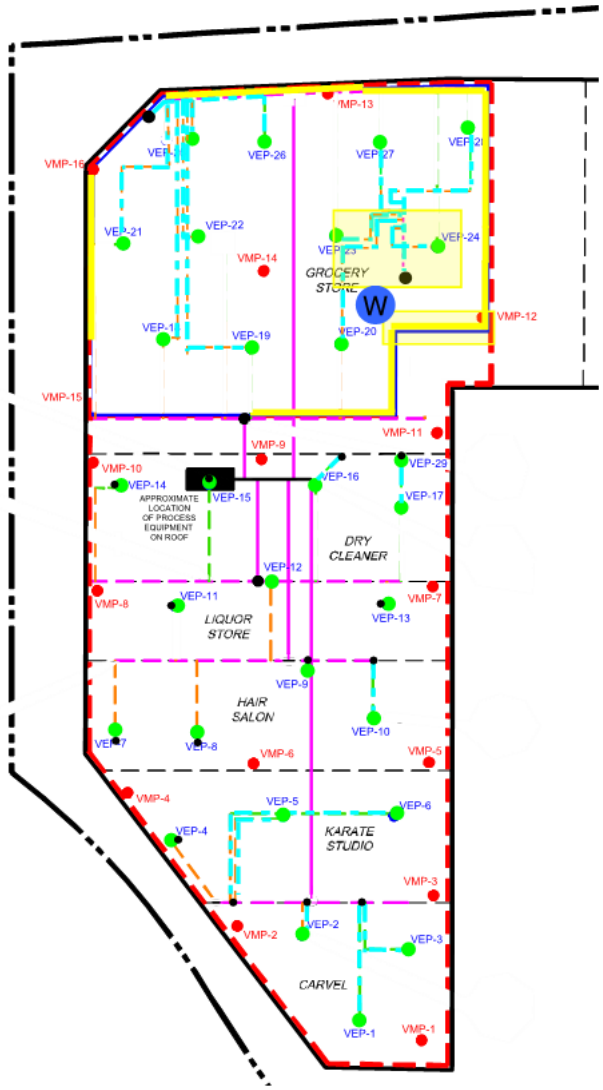
Problems Encountered

- None

Activities Scheduled for Next Day

- None. Pennington will remobilize to the site for the exterior work (dunnage, process equipment, and roof-top piping installation), and the remaining interior work (individual well-line instrumentation and vacuum monitoring point installation) at a later date.

SITE MAP



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of above-ground steel individual well line and subheader piping within the eastern portion of the grocery store basement, facing northeast.	
Photo 2 – View of above-ground steel individual well line and subheader piping within the eastern portion of the grocery store basement, facing east.	

Photo 3 – View of above-ground steel individual well line piping associated with VEP-20, facing east.	
Photo 4 – View of French drain gap sealing within the eastern portion of the basement, facing northeast.	

LANGAN

DAILY STATUS REPORT

Prepared By: Molly Mattern

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	10/11/2021
NYSDEC BCP Site No:	C243043			Time:	7:45 – 12:15

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Molly Mattern (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and three man crew

Site Activities

- Pennington cut roof penetrations and holes in the rooftop beams in preparation for process equipment dunnage installation. Holes were then temporarily covered with metal sheeting and caulked to prevent water penetration prior to dunnage installation and final roof repairs.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

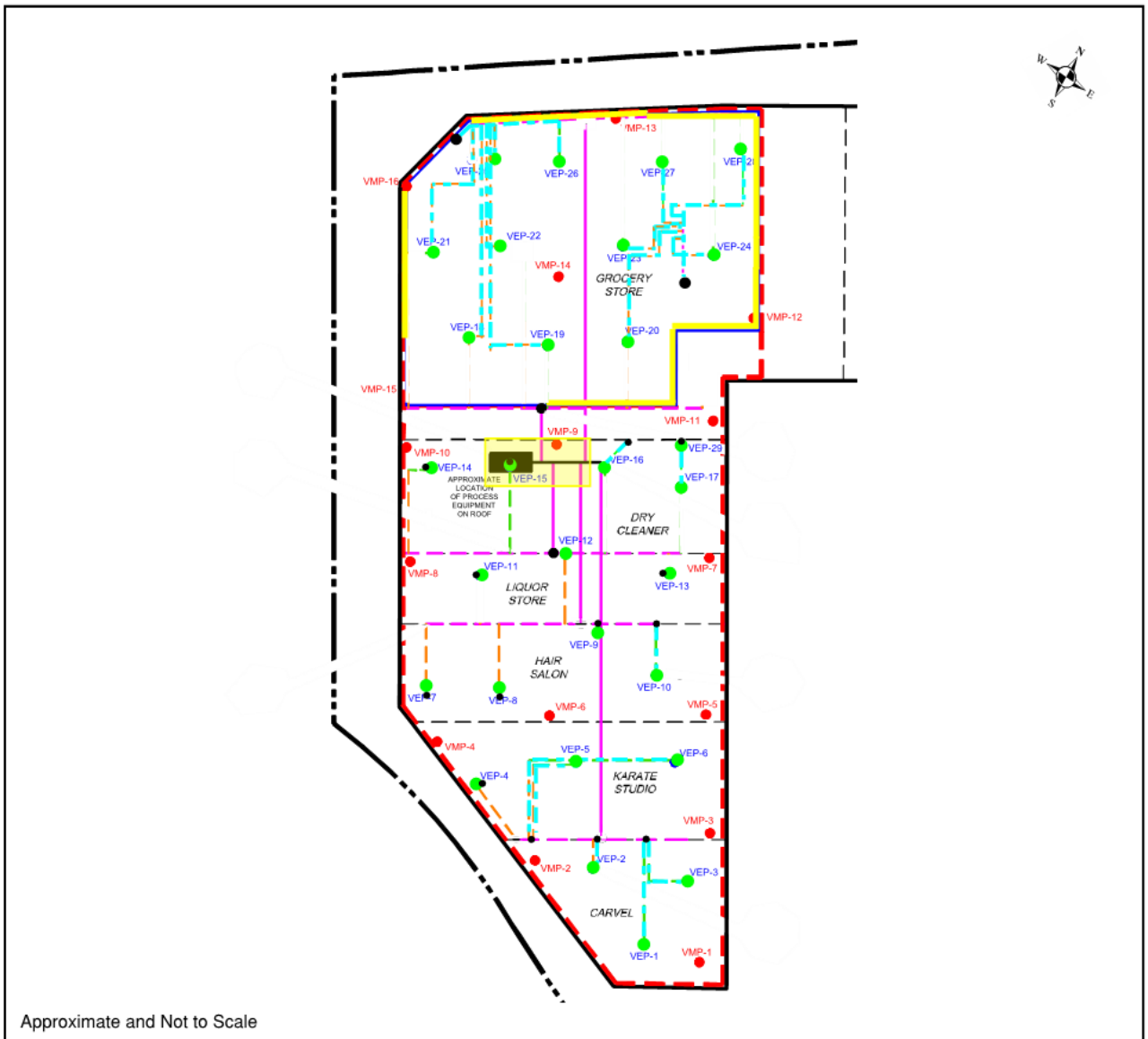
Problems Encountered

- None

Activities Scheduled for Next Day

- Langan and Pennington will remobilize to the site on Wednesday, 13 October 2021, to resume sub-slab depressurization system (SSDS) installation.

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – Holes cut in the roof for future dunnage installation, facing west.	
Photo 2 – Holes covered with temporary metal sheeting and caulked to prevent water leaks, facing north.	

LANGAN

DAILY STATUS REPORT

Prepared By: Nicholas Minkiewicz

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	10/14/2021
NYSDEC BCP Site No:	C243043			Time:	8:00 – 16:15

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Nicholas Minkiewicz (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and three man crew **Lennie Construction Corp. (Lennie)**: Mike (foreman) and two man welding crew

Site Activities

- Pennington drilled holes for and installed fourteen vapor/vacuum monitoring points (VMP-3 through VMP-16) throughout the shopping center per the details provided in the IRMWP. All vapor monitoring points have been installed.
- Lennie Construction Corp. (Lennie) mobilized to the site and welded steel base plates and columns to the existing roof beams for the erection of the steel dunnage structure to support the sub-slab depressurization system (SSDS) process equipment. Temporary steel plates and wood coverings were placed around the newly installed columns to temporarily weatherproof the area prior to DOB required special inspections and final patching of the affected roof areas.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during VMP installation that encountered soil beneath the existing slab. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at HVAC air intake vents within the respective tenant spaces in which the work was occurring every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

Problems Encountered

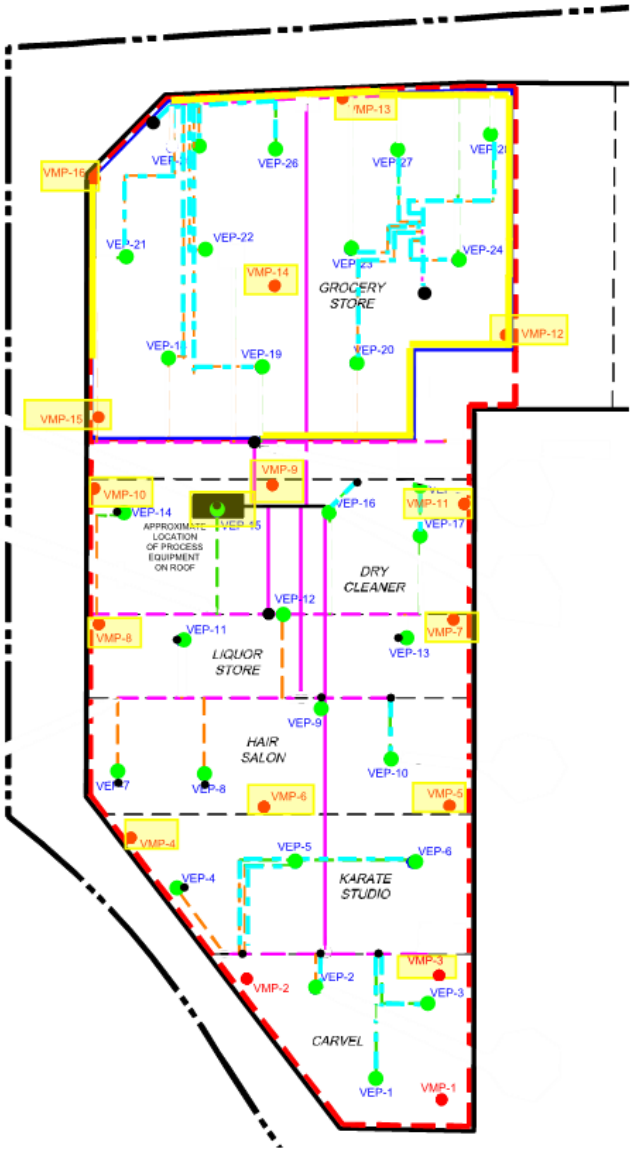
- None

Activities Scheduled for Next Day

- Langan, Pennington, and Metric Inspection (third party special inspectors) will report to the site on Friday, 15 October 2021, for special inspections of steel base plates and columns welded for the steel dunnage structure.

LANGAN

SITE MAP (SSDS INSTALLATION)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- COMPLETED WELL LINE
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of steel base plates and columns welded to the existing roof beams for the erection of the steel dunnage structure (facing east).	
Photo 2 – View of steel plates temporarily installed around columns for temporary weatherproofing prior to special inspection and roof repair (facing south).	

Photo 3 – View of VMP-4 installed within the karate studio (facing south).	

LANGAN

DAILY STATUS REPORT

Prepared By: TJ Malgieri

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	10/21/2021
NYSDEC BCP Site No:	C243043			Time:	7:45 – 15:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** TJ Malgieri (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and three man crew **Lennie Construction:** Mike Denicola (Foreman) and 2 man crew

Site Activities

- Pennington and Lennie Construction used a boom truck to hoist steel dunnage to the roof of the shopping center and installed steel dunnage beams connecting to previously installed steel dunnage columns. The steel dunnage columns were previously approved by a third-party New York City Department of Buildings (NYC DOB) control inspector on 15 October 2021.
- Lennie Construction used welding equipment and A325TC (Torque Control) 3/4-inch bolts to install and secure the steel dunnage in place in preparation for future process equipment mounting. All steel dunnage installation was completed in accordance with the approved steel shop drawings dated 23 July 2021.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil intrusive activities were performed.

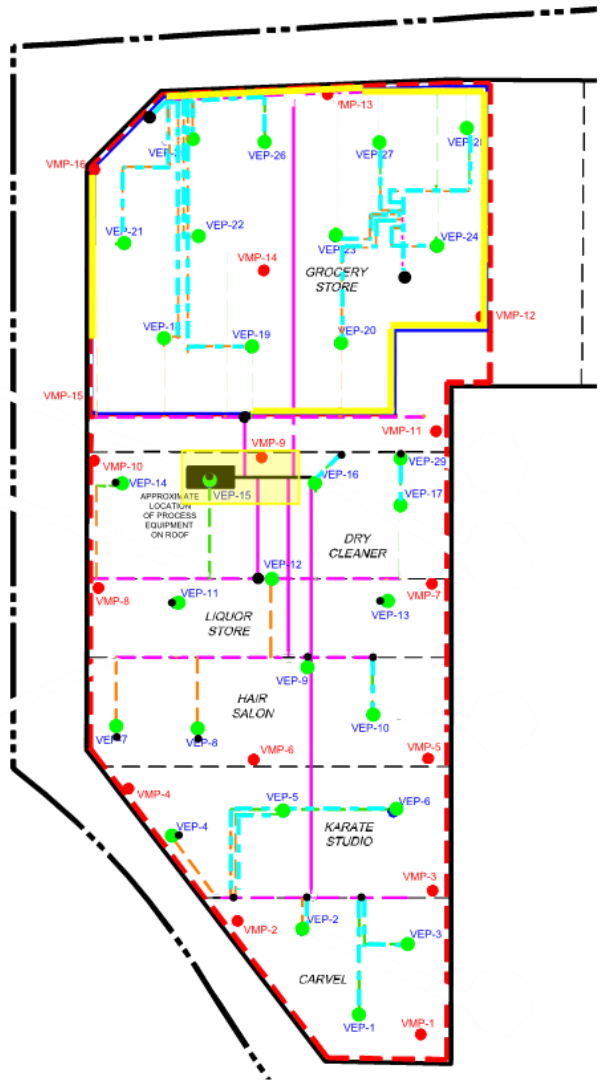
Problems Encountered

- None

Activities Scheduled for Next Day

- Langan, Pennington, and Lennie Construction will continue steel dunnage installation for sub-slab depressurization system (SSDS) installation.

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of the steel dunnage beams bolted to the previously installed steel dunnage columns, facing northwest.	
Photo 2 – View of Lennie Construction welding the steel dunnage beams to the previously installed steel dunnage columns, facing north.	

LANGAN

DAILY STATUS REPORT

Prepared By: TJ Malgieri

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70		70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	10/22/2021
NYSDEC BCP Site No:	C243043			Time:	7:45 – 15:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** TJ Malgieri (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and three man crew **Lennie Construction:** Mike Denicola (Foreman) and 2 man crew

Site Activities

- Lennie Construction used welding equipment and A325TC (Torque Control) 3/4-inch bolts to install and secure the steel dunnage in place in preparation for future process equipment mounting. All steel dunnage installation was completed in accordance with the approved steel shop drawings dated 23 July 2021.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil intrusive activities were performed.

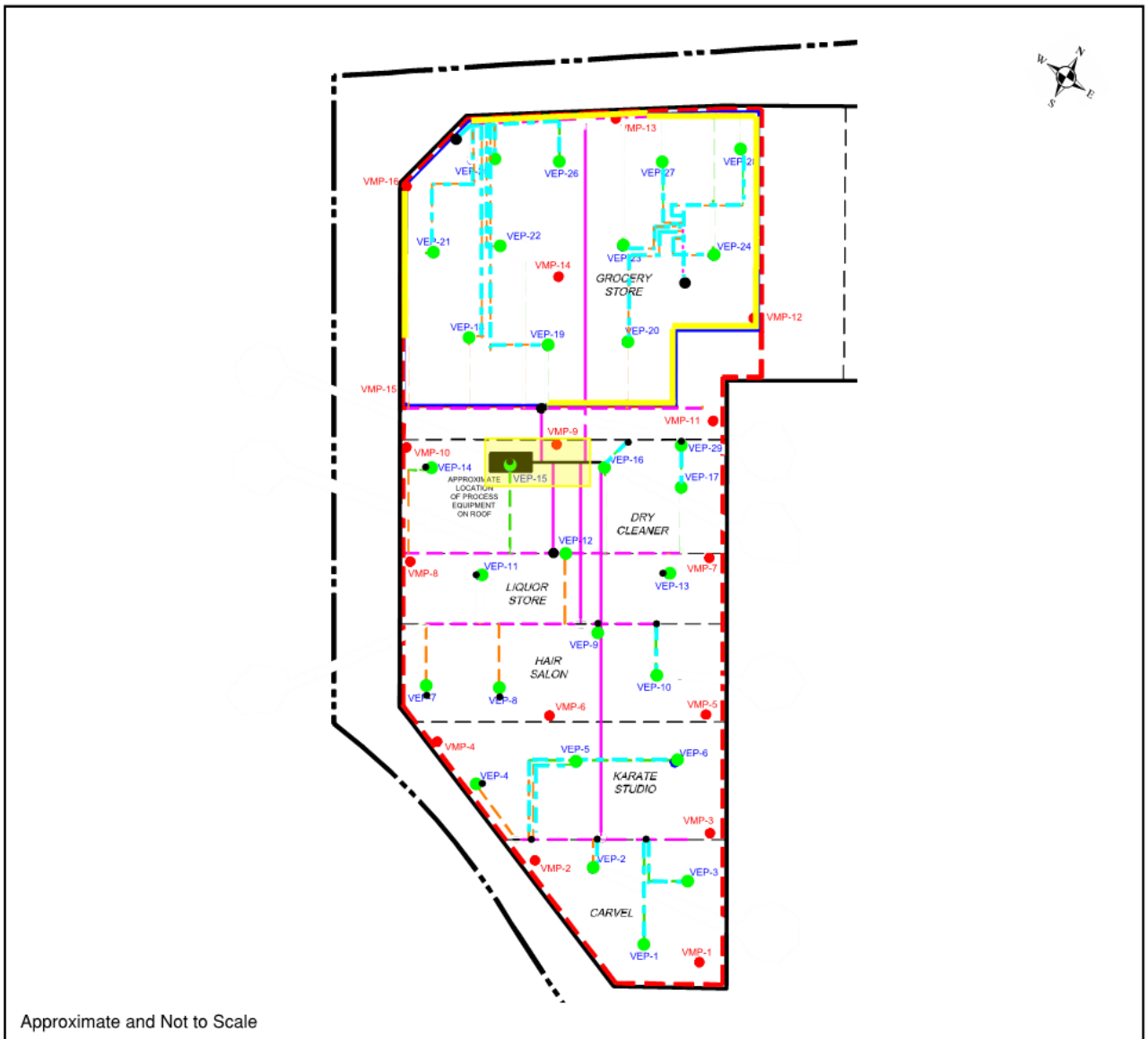
Problems Encountered

- None

Activities Scheduled for Next Day

- Langan, Pennington, and Lennie Construction will continue steel dunnage installation for sub-slab depressurization system (SSDS) installation.
- A third-party New York City Department of Buildings (NYC DOB) inspector will complete a final inspection of the steel dunnage structure.

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
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- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of Lennie construction welding support plates to the main steel dunnage, facing east.	
Photo 2 – Close-up view of the welded connection of a support plate connected to the main steel dunnage, facing south.	

LANGAN

DAILY STATUS REPORT

Prepared By: TJ Malgieri

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70		70-85	X	>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	10/25/2021
NYSDEC BCP Site No:	C243043			Time:	7:45 – 16:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** TJ Malgieri (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) **Lennie Construction:** Mike Denicola (Foreman) and 2 man crew **Metric Inspection:** Mohamed Shaltout

Site Activities

- Lennie Construction used welding equipment and A325TC (Torque Control) 3/4-inch bolts to install and secure the steel dunnage in place in preparation for future process equipment mounting. All steel dunnage installation was completed in accordance with the approved steel shop drawings dated 23 July 2021.
- Metric Inspection, a third-party New York City Department of Buildings (NYC DOB) inspector, completed a final inspection of the steel dunnage structure.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil intrusive activities were performed.

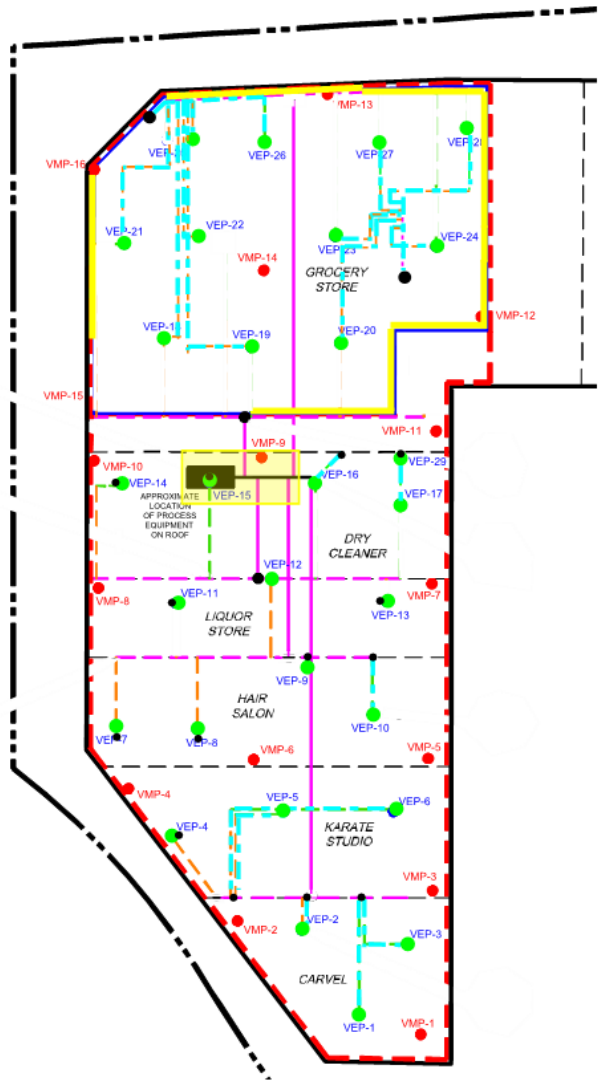
Problems Encountered

- None

Activities Scheduled for Next Day

- Langan, Pennington, and Lennie Construction will continue steel dunnage installation for sub-slab depressurization system (SSDS) installation.

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
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- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of steel dunnage structure and location where Lennie Construction welded support plates to the steel dunnage structure, facing west.	
Photo 2 – Close-up view of the welded connection of a support plate to the steel dunnage, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Matt Kennelly

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	10/27/2021
NYSDEC BCP Site No:	C243043			Time:	7:45 – 14:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Matt Kennelly (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and three man crew. **Lennie Construction:** Mike Denicola (Foreman) and one crew member

Site Activities

- Lennie Construction used welding equipment to complete installation of the steel dunnage structure in preparation for future process equipment mounting. Following completion of welding activities, the dunnage structure was finished with a protective coat of Tnemec Series 1029 Enduratone acrylic polymer coating. All steel dunnage installation was completed in accordance with the approved steel shop drawings dated 23 July 2021.
- Pennington began installation of 4-inch SCH40 PVC exterior subheader lines on the shopping center rooftop.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil intrusive activities were performed.

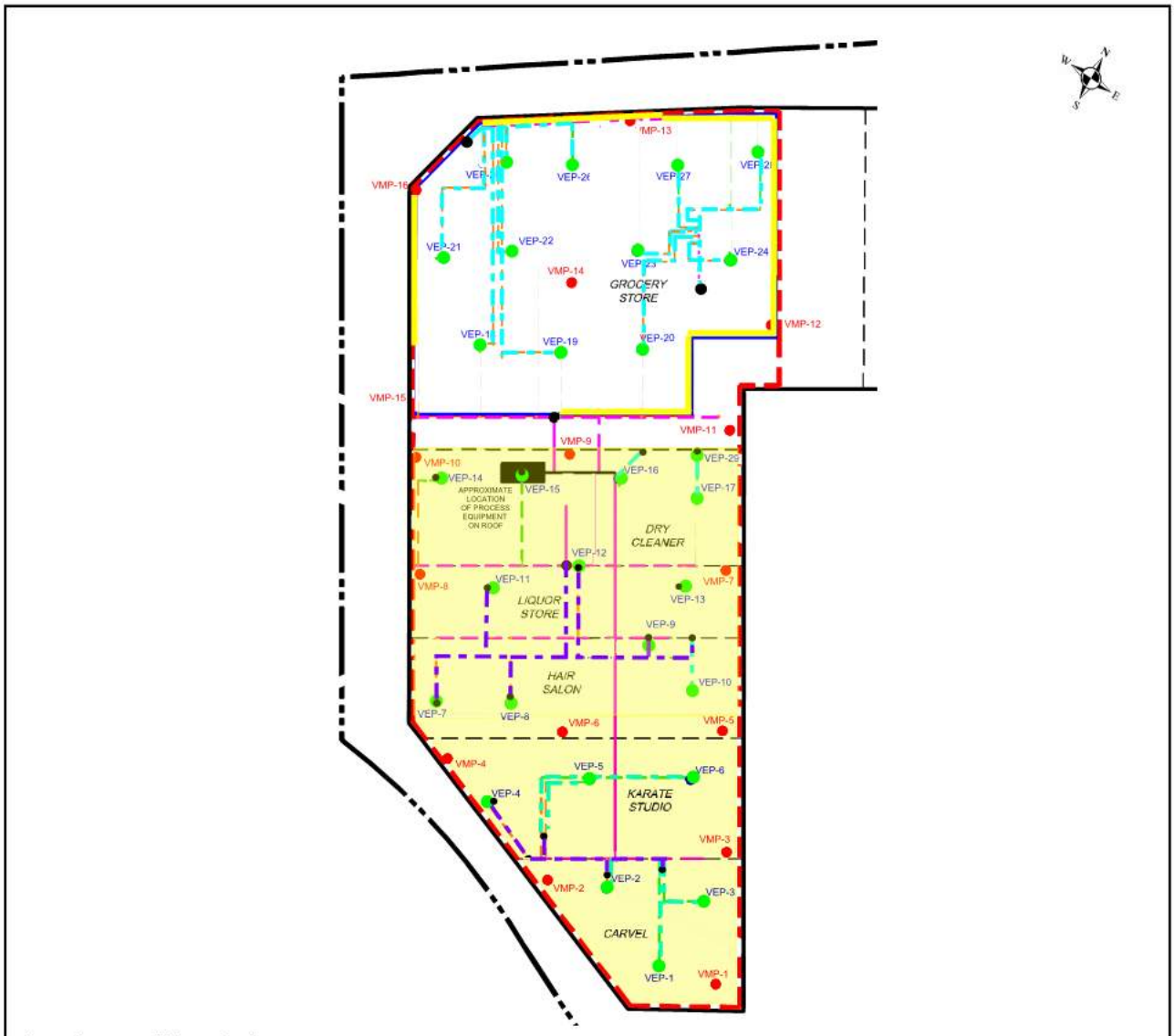
Problems Encountered

- None

Activities Scheduled for Next Day

- Langan and Pennington will continue installation of 4-inch SCH40 PVC exterior subheader lines.

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
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- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
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- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of completed steel dunnage structure, facing west.	
Photo 2 – View of the completed steel dunnage structure, facing north.	

Photo 3 – View of the completed steel dunnage structure, facing south.	
Photo 4 – View of 4-inch SCH40 PVC exterior subheader piping, facing south.	

LANGAN

DAILY STATUS REPORT

Prepared By: Matt Kennelly

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	10/28/2021
NYSDEC BCP Site No:	C243043			Time:	8:25 – 15:15

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Matt Kennelly (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and three man crew.

Site Activities

- Pennington continued installation of 4-inch SCH40 PVC exterior subheader lines on the shopping center rooftop.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan implemented work zone air monitoring during VMP observation. Work zone air monitoring equipment consisted of a personal DataRam (pDR) and photoionization detector (PID) at the Langan personnel's work zone air monitoring station.
- No VOC or dust concentrations were detected in exceedance of the daily short-term exposure limit (STEL) at the work zone air monitoring station.
- Additionally, VOC and dust concentrations were monitored at HVAC air intake vents within the respective tenant spaces in which the work was occurring every 15 minutes in order to satisfy requirements of the "Special Requirements for Work within 20 Feet of Potentially Exposed Individuals or Structures." No VOC or dust concentrations were detected above the action levels at any intake vents within the tenant space.

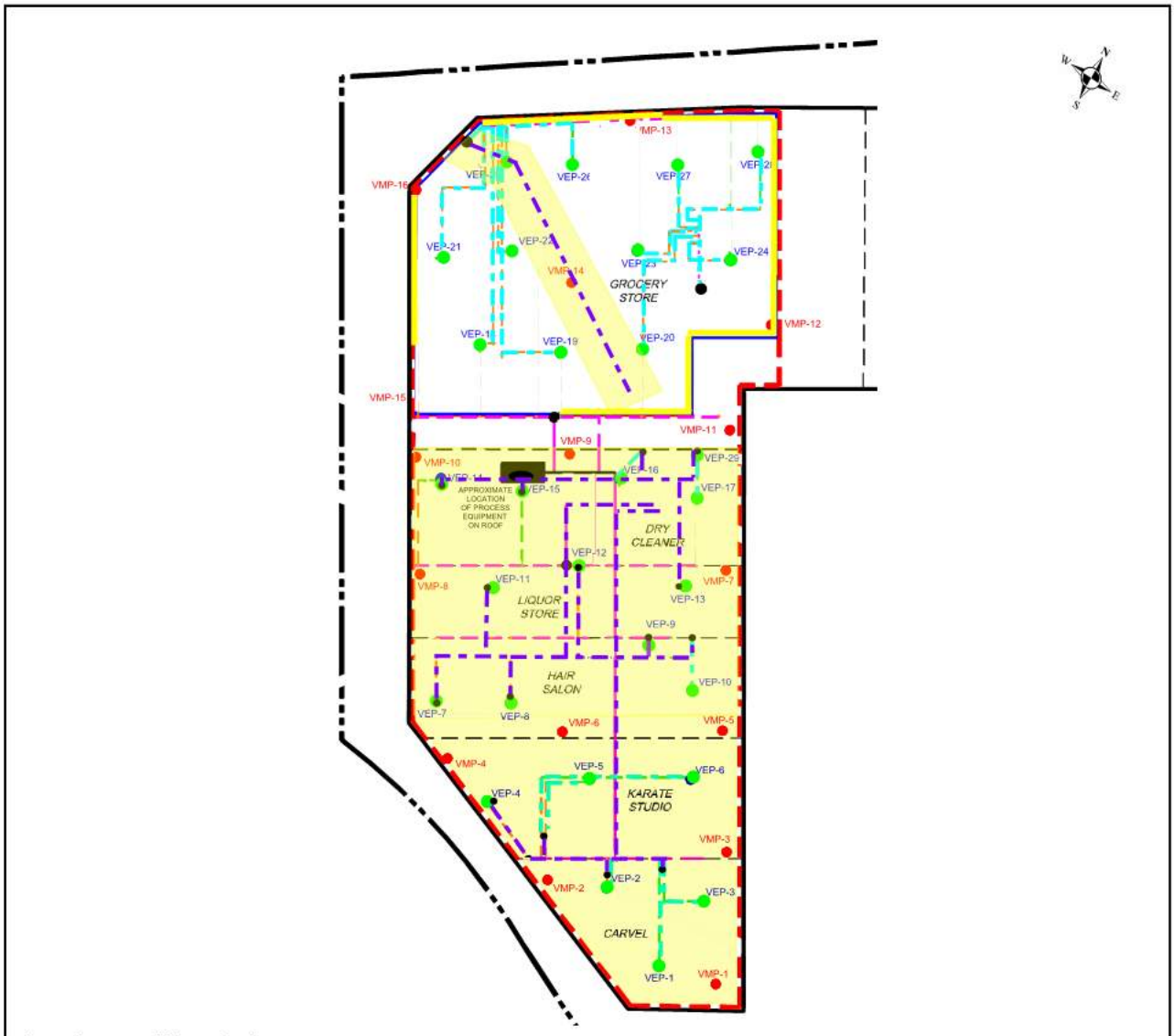
Problems Encountered

- Previously installed VMPs were observed to be in poor condition and will require re-installation.

Activities Scheduled for Next Day

- Langan and Pennington will remobilize to the site next week to mount process equipment and complete exterior subheader and main header installation.

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of VEP-9 and VEP-10 well-lines manifolding to the corresponding 4-inch SCH40 PVC subheader line, facing northeast.	
Photo 2 – View of 4-inch SCH40 PVC exterior subheader lines, facing south.	

Photo 3 – View of 4-inch SCH40 PVC exterior subheader line, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Matt Kennelly

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	11/18/2021
NYSDEC BCP Site No:	C243043			Time:	8:00 – 11:45

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Matt Kennelly (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and one crew member. **Crane Works**: Crane operator

Site Activities

- Pennington and Crane Works used a truck-mounted knuckle boom crane to hoist process equipment onto the previously installed dunnage system.
- Pennington began installation of the discharge stack and inline filter associated with the process equipment.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

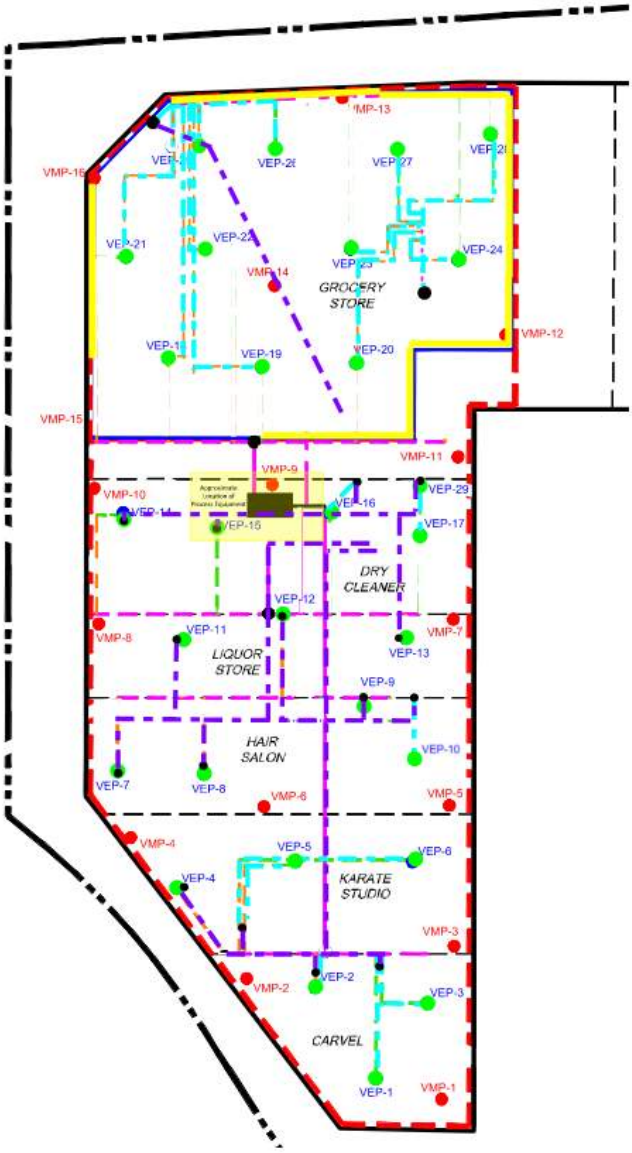
- None

Activities Scheduled

- Langan and Pennington will remobilize to the site to complete installation of exterior subheader/main header lines and final connections to the process equipment.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of process equipment mounted steel dunnage system with control panel visible, facing west.	
Photo 2 – View of the process equipment, facing east.	

Photo 3 – View of process equipment with discharge stack and inline filter attached, facing east. Note packaging (including plastic interior) remains on discharge stack to protect from weather until rain-cover can be attached.	

LANGAN

DAILY STATUS REPORT

Prepared By: Matt Kennelly

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	11/22/2021
NYSDEC BCP Site No:	C243043			Time:	8:00 – 12:45

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Matt Kennelly (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and four person crew

Site Activities

- Pennington continued installation of exterior process equipment components (discharge stack, inline filter, and flanged Flex connector).
- Pennington continued installation of SCH40 PVC exterior subheader/main header lines on the shopping center rooftop.
- Langan confirmed that all components of the process equipment had been supplied and properly installed.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

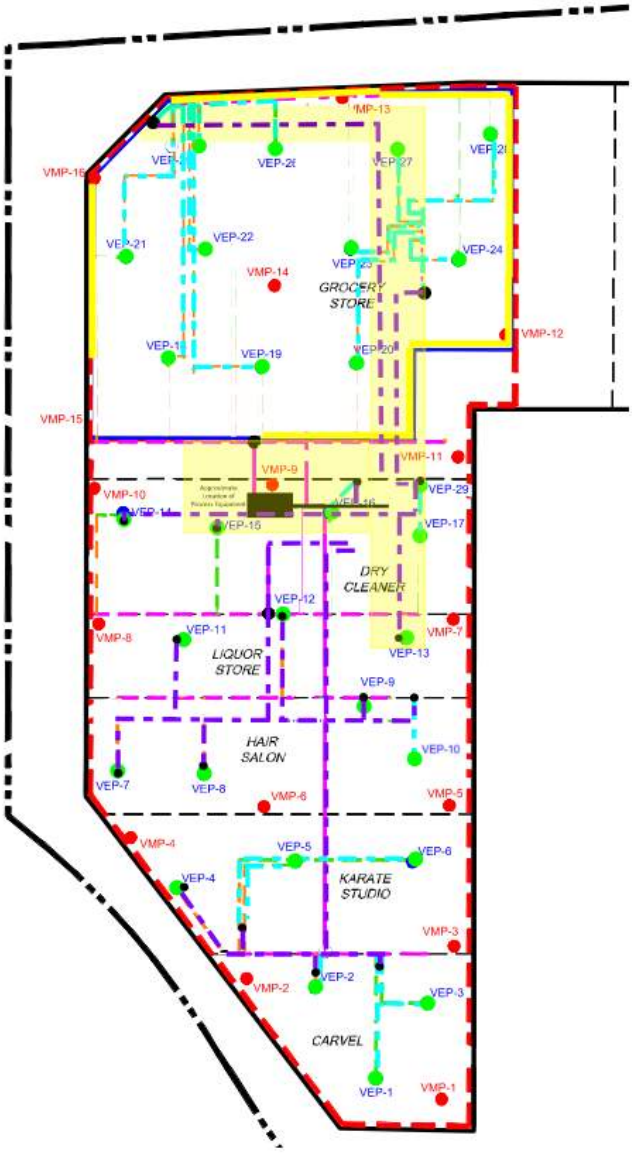
- None

Activities Scheduled

- Langan and Pennington will remobilize to the site to complete installation of exterior subheader/main header lines and final subheader/main header connections to the process equipment.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of process equipment with discharge stack (covered due to rain), inline filter, and flanged flex connector attached, facing east.	
Photo 2 – Interior view of process equipment with one of the two regenerative blowers visible.	

Photo 3 – View of newly installed subheader line (associated with VEP-18, VEP-19, VEP-21, VEP-22, VEP-25 and VEP-26) running towards the main header, facing north.	

LANGAN

DAILY STATUS REPORT

Prepared By: Matt Kennelly

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	11/29/2021
NYSDEC BCP Site No:	C243043			Time:	8:00 – 14:45

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Matt Kennelly (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and one crew member.

Site Activities

- Pennington completed installation of exterior components for process equipment.
- Pennington completed installation of SCH40 PVC subheader lines to all vapor extraction points.
- Pennington continued installation of SCH40 PVC exterior subheader/main header lines on the shopping center rooftop. As of 11/29/2021, three of the five subheader lines have been connected to the main header line.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

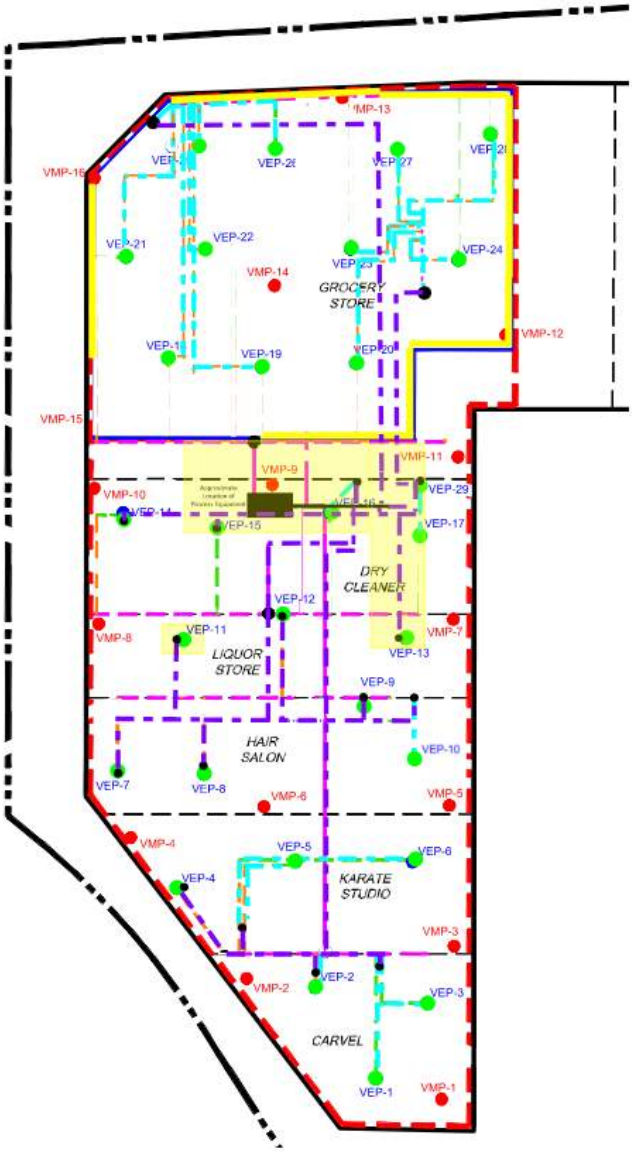
- None

Activities Scheduled for Next Day

- Langan and Pennington will remobilize to the site to complete connections of the main header line to the process equipment. Pennington will reposition the process equipment towards the center of the steel dunnage system.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of process equipment with completed no-loss stack head and associated rain-cap, facing north.	
Photo 2 – View of subheader lines manifolding to main header line with dedicated gate valves, facing north.	

Photo 3 – View of VEP-11 connected to the 4-inch PVC subheader line, facing south.	

LANGAN

DAILY STATUS REPORT

Prepared By: Matt Kennelly

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	11/30/2021
NYSDEC BCP Site No:	C243043			Time:	8:00 – 12:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Matt Kennelly (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin (Foreman) and one crew member.

Site Activities

- Pennington repositioned the process equipment to the center of the steel dunnage system.
- Pennington completed connections of all SCH40 4-in PVC subheader lines to the 6-in main header line on the shopping center roof.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

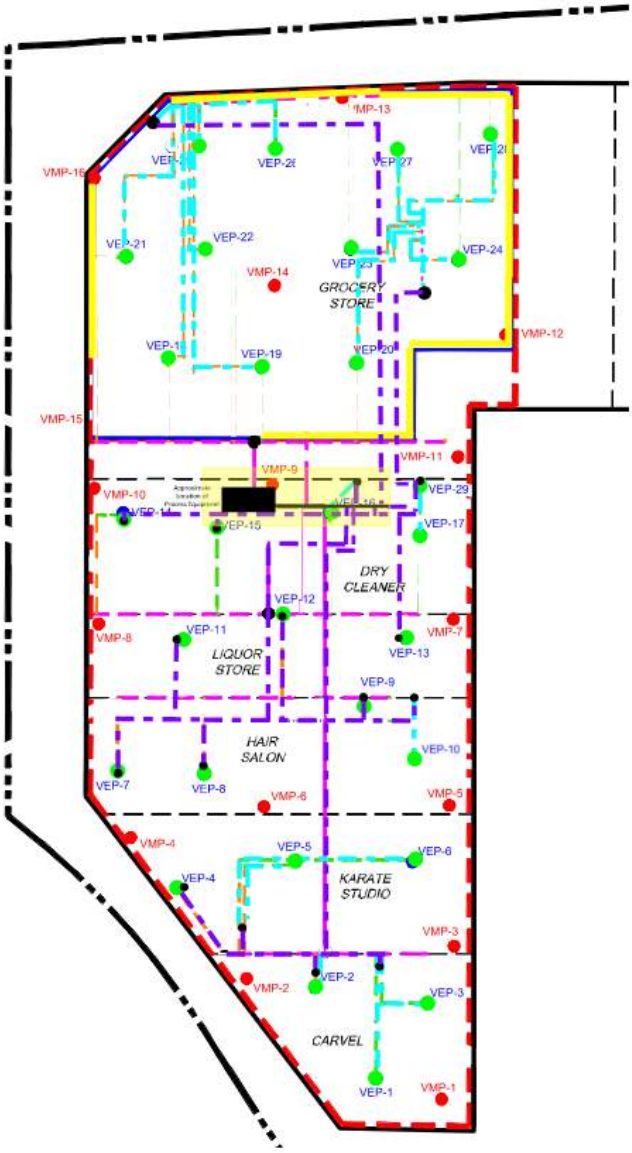
- None

Activities Scheduled

- Langan and Pennington will remobilize to complete the final connection of the main header line to the processing equipment. A New York City licensed electrician will also be mobilize to the site to complete the electrical connection to the processing equipment. Langan and Pennington will complete leak testing and system shakedown following electrical connection and system startup.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of process equipment following repositioning to the center of the steel dunnage system, facing northwest.	
Photo 2 – Completed subheader lines manifolding to the main header line (with dedicated gate valves visible), facing north.	

Photo 3 – View of the connection point between the main header line and processing equipment, facing east.	

LANGAN

DAILY STATUS REPORT

Prepared By: Matt Kennelly

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	12/20/2021
NYSDEC BCP Site No:	C243043			Time:	8:50 – 11:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Matt Kennelly (Environmental) **Tanachion Electrical Contracting, Inc. (Tanachion)**: Freddy Tanachion and one members

Site Activities

- Tanachion, a New York City licensed electrician, mobilized to the site to complete the electrical connection of the SSDS process equipment.
- Tanachion mobilized materials and began preparation for electrical connection of the SSDS process equipment.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

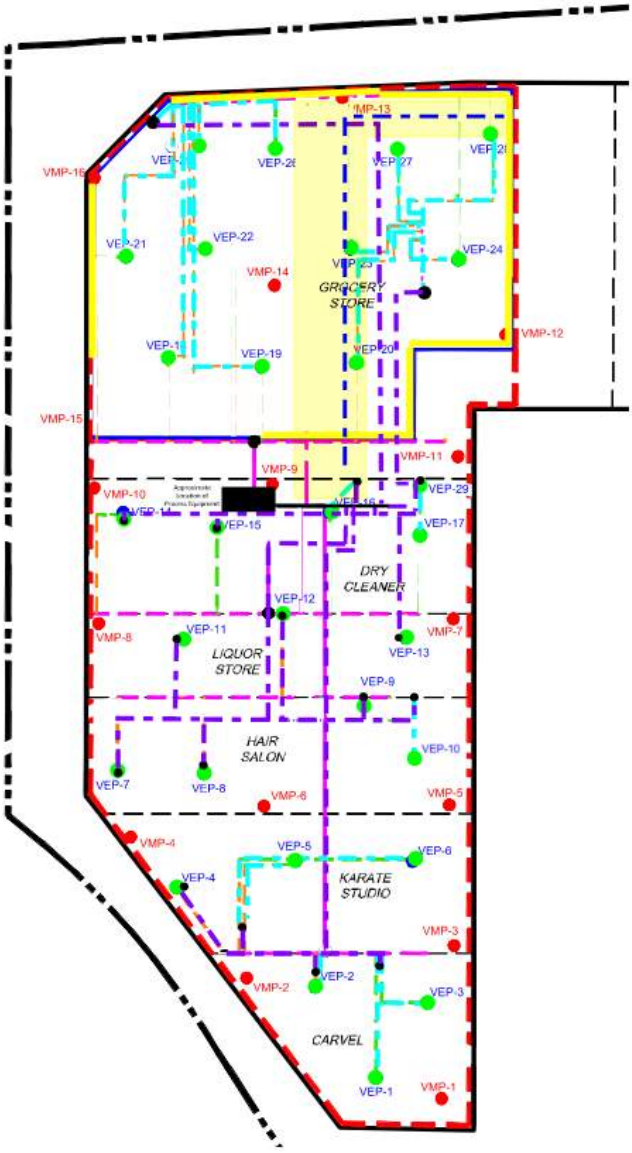
- Tanachion could not complete electrical runs due to incorrectly sized conduit fittings.

Activities Scheduled for Next Day

- Tanachion will remobilize with new conduit fittings to continue the electrical connection of the process equipment. Completion of electrical work and system startup is anticipated by 3 January 2021. Langan and Pennington will complete leak testing and system shakedown activities following electrical connection and system startup.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of electrical conduits running towards SSDS process equipment, facing north.	
Photo 2 – View of SSDS process equipment, facing north.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	12/29/2021
NYSDEC BCP Site No:	C243043			Time:	8:00 – 16:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin and helper

Site Activities

- Pennington completed final connection of the main header to the process equipment using a flexible flange fitting.
- Langan and Pennington began SSDS startup/shakedown activities including initial process equipment performance testing and leak testing. Leak testing included observation of all piping for obvious leaks identifiable by sound. Smoke testing will be completed at all piping joints at a later date.
- Langan and Pennington tested the process equipment's low vacuum alarm and assessed initial system vacuum performance prior to system optimization and leak repairs. A maximum vacuum of approximately 30 inches of water column (IWC) was observed at each blower.
- Pennington began repairing leaking exterior sub header piping on the roof and interior well-line piping within the karate studio, hair salon, liquor store, and dry cleaner.
- Langan and Pennington powered down the process equipment at the end of the day.

Samples Collected

- None.

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

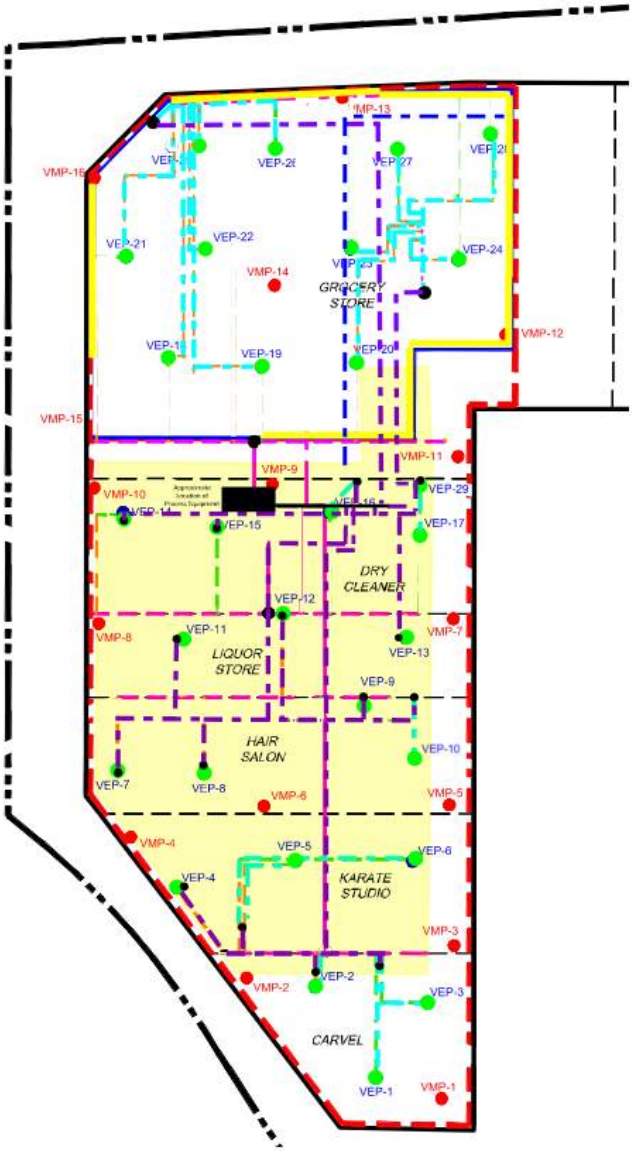
- Multiple leaks affecting system performance were identified and repaired. Pennington will complete further leak testing and repairs during an additional mobilization.

Activities Scheduled for Next Day

- Langan and Pennington will remobilize to the site on Tuesday, 4 January 2022 to continue SSDS startup/shakedown activities including leak repairs, system optimization, and auto dialer installation.
- Pennington will install vacuum gauges and samples ports at each riser and a flow indicator on the main header line on Tuesday, 4 January.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of Pennington installing the flexible flange to complete the main header piping connection to the process equipment, facing northwest.	
Photo 2 – View of completed well-line repairs above the hair salon for piping associated with VEP-7, facing southwest.	

Photo 3 – View of Pennington performing leak repairs associated with VEP-13 within the liquor store, facing north.	
Photo 4 – View of Pennington smoke testing a leak associated with VEP-10 within the hair salon, facing north.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast	X	Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50		50-70	X	70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	1/04/2022
NYSDEC BCP Site No:	C243043			Time:	8:30 – 17:45

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin and helper

Site Activities

- Langan and Pennington continued SSDS startup/shakedown activities including process equipment alarm checks and leak testing. A maximum vacuum of approximately 40 inches of water column (IWC) was observed at each blower following leak repairs.
    - Smoke testing was performed at all piping joints. Identified leaks were subsequently repaired.
    - Langan tested the process equipment's low vacuum and high temperature alarms and confirmed functionality.
- Pennington continued repairing leaking exterior sub header piping on the roof and interior well-line piping within the hair salon and dry cleaner.
    - Leaks remain at riser piping and trenched concrete areas associated with VEP-16, VEP-17, and VEP-29 within the dry cleaner, at riser piping associated with VEP-5 within the karate studio, and at riser piping associated with VEP-11 and VEP-13 within the liquor store. Identified leaks will be repaired during the next mobilization on 6 January 2022.
- The process equipment was left running at the end of the day to allow for vacuum buildup prior to remobilization for final SSDS startup/shakedown activities. All well-line gate valves at VEP locations associated with leaks were closed prior to exiting the site.
- Langan further assessed process equipment gauges and observed missing tubing associated with the combined total vacuum gauge. The tubing will be installed during remobilization.
- Pennington installed the Dwyer Flow Meter Probe on the 6-inch main header line, but was not able to install the flow gauge due to missing tubing. Installation will be completed during remobilization.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

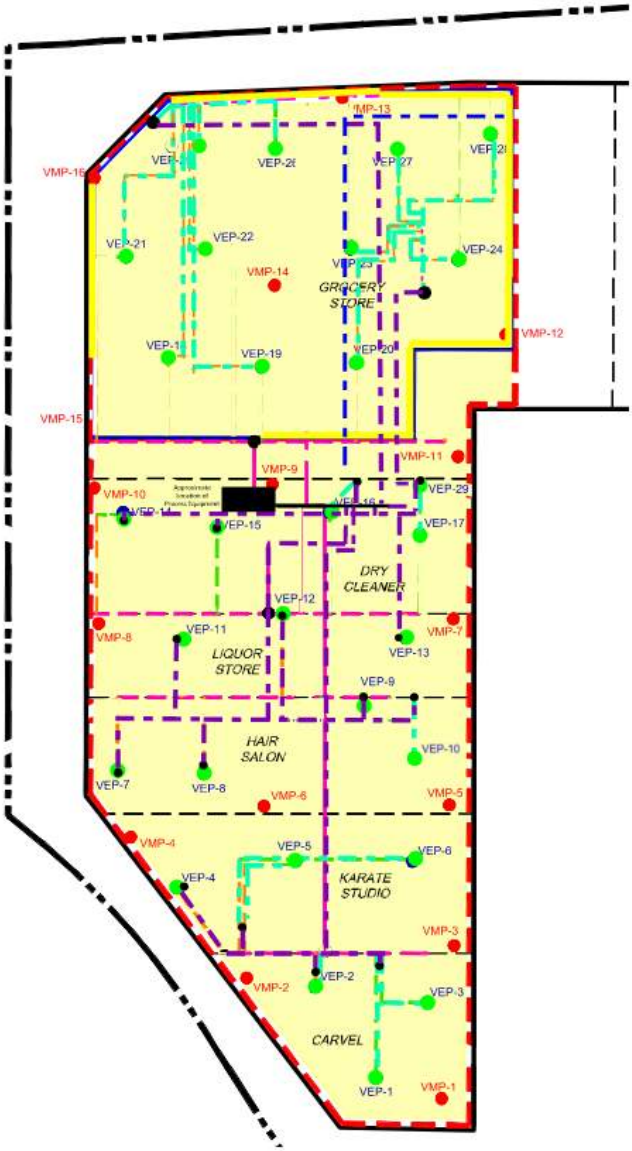
- Multiple piping leaks affecting system performance were identified and repaired. Pennington will complete further leak repairs during an additional mobilization.

Activities Scheduled for Next Day

- Langan and Pennington will remobilize to the site on Thursday, 6 January 2022 to continue SSDS startup/shakedown activities including leak repairs, system optimization, flow indicator installation, and auto dialer installation.
- Pennington will install vacuum gauges and sample ports on each interior well-line riser on Thursday, 6 January.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of Pennington repairing leaks at the VEP-9 well-line riser piping located within the hair salon, facing west.	
Photo 2 – View of Pennington repairing leaks at the VEP-8 well-line riser piping located within the hair salon, facing west.	

Photo 3 – View of functioning high air temperature and low vacuum alarm lights during alarm testing activities, facing west.	
Photo 4 – View of functioning low vacuum alarm lights during alarm testing activities, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Brandon Reiner

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50	X	50-70		70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	1/06/2022
NYSDEC BCP Site No:	C243043			Time:	8:30 – 17:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Brandon Reiner (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin and two man crew

Site Activities

- Langan and Pennington continued SSDS startup/shakedown activities including process equipment alarm checks and leak testing. A maximum vacuum of approximately 40 inches of water column (IWC) was observed at each blower following leak repairs.
    - Additional smoke testing was performed at all piping joints within the grocery store basement. Leaks were identified at the riser penetration through the slab at VEP-26 and VEP-23 and from trenching overcuts associated with VEP-27 and VEP-28.
    - Langan tested the process equipment's overload alarm and confirmed functionality at both blowers.
    - Langan installed the tubing for process equipment's vacuum gauge measuring drop in suction across the in-line filter. A reduction of 5 inches of water column (IWC) across the inline filter was observed.
    - Langan troubleshot and rectified an electrical issue with the Sensaphone Sentinel auto-dialer.
- Pennington installed vacuum gauges on well-line risers located within the hair salon (VEP-7 through VEP-10).
- Pennington unsuccessfully attempted to repair leaking interior well-line riser piping slab penetrations and trenches within the dry cleaner with Loctite liquid crack sealer. Pennington also unsuccessfully attempted to repair a leaking well-line riser piping joint within the karate studio (VEP-5). Remaining leaks, which will be repaired during the next mobilization on 10 January 2022, were identified at the following locations:
    - Dry cleaner: Riser piping slab penetrations associated with VEP-14, VEP-15, VEP-16, VEP-17, and VEP-29 and trenched slab areas associated with VEP-16 and VEP-17;
    - Grocery store basement: Riser piping slab penetrations associated with VEP-23 and VEP-26 and trenched slab areas associated with VEP-27 and VEP-28;
    - Liquor store: Riser piping slab penetrations associated with VEP-11 and VEP-13;and,
    - Karate studio: Riser piping joint associated with VEP-5.
- The process equipment is currently running continuously. All well-line gate valves at VEP locations associated with leaks were closed prior to exiting the site.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

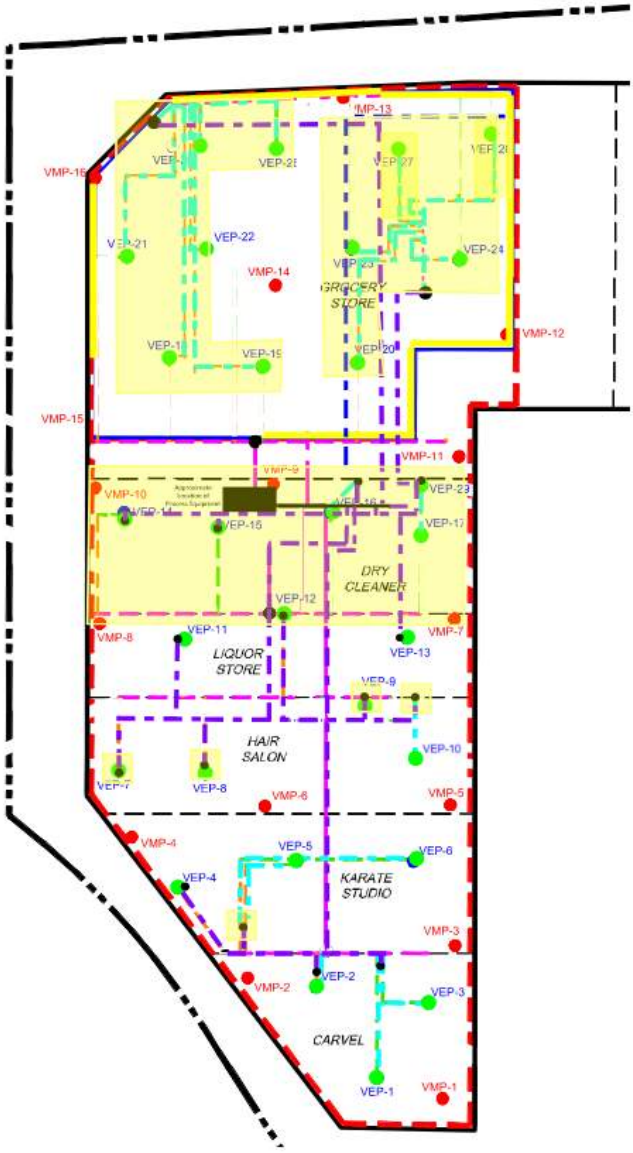
- Multiple piping leaks affecting system performance were identified and repaired. Pennington will complete further leak repairs during an additional mobilization.

Activities Scheduled for Next Day

- Langan and Pennington will remobilize to the site on Monday, 10 January 2022 to install dedicated well-line instrumentation (vacuum gauges and sample ports) and continue leak repairs.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

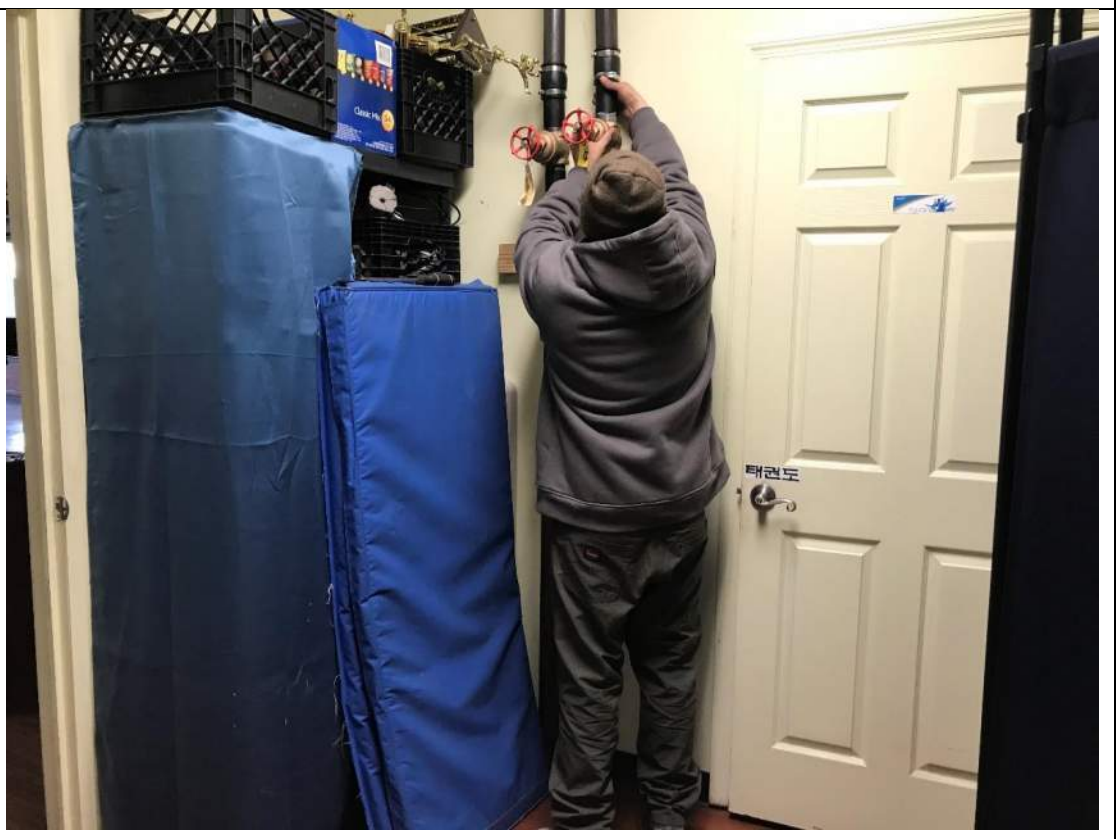
3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of powered Sensaphone Sentinel auto-dialer within the process equipment control panel, facing west.	
Photo 2 – View of Pennington repairing leaks at the trench associated with VEP-16 well-line piping located within the dry cleaner, facing west.	

Photo 3 – View of Pennington installing a vacuum gauge on the VEP-10 well-line riser within the hair salon, facing east.	
Photo 4 – View of Pennington attempting to repair a leaking well-line riser joint at VEP-5 within the karate studio, facing south.	

LANGAN

DAILY STATUS REPORT

Prepared By: Molly Mattern

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50	X	50-70		70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	1/10/2022
NYSDEC BCP Site No:	C243043			Time:	8:45 – 14:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Molly Mattern (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin and two man crew

Site Activities

- Langan and Pennington continued SSDS startup/shakedown activities including leak repairs at riser piping penetrations and trenched concrete areas for well-line piping routes associated with VEP-16, VEP-17, and VEP-29 within the dry cleaner and at riser piping penetrations associated with VEP-11 and VEP-13 within the liquor store. Penetrations and trenches were repaired using Sakrete Concrete Crack Filler. All well-line gate valves at VEP locations associated with leaks remain closed to allow crack repairs to dry.
- Pennington began installation of vacuum gauges and sample ports on risers located within the dry cleaner grocery store basement.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

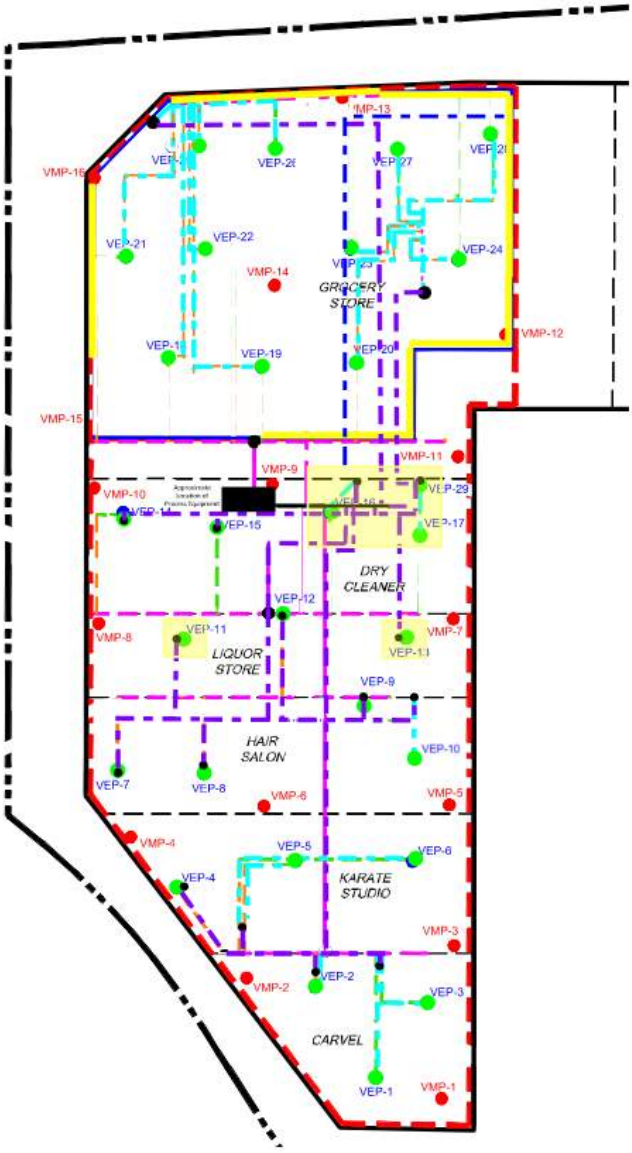
- Multiple piping leaks affecting system performance were identified and repaired. Pennington will confirm successful repair of penetrations and trenches within the dry cleaner and liquor store and will complete repairs of leaks within the grocery store basement tomorrow, 11 January 2021.

Activities Scheduled for Next Day

- Langan and Pennington will continue SSDS startup/shakedown activities including leak repairs and system optimization.
- Pennington will continue to install vacuum gauges and sample ports on interior well-line risers.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of Pennington repairing leaks at the VEP-17 well-line trench located within the dry cleaner, facing south.	
Photo 2 – View of Pennington repairing leaks at the VEP-16 well-line trench located within the dry cleaner, facing south.	

Photo 3 – Vacuum gauge and sample port installed at the VEP-12 well-line riser piping located within the dry cleaner, facing south.	
Photo 4 – View of Pennington repairing a leak at the VEP-11 well-line riser penetration within the liquor store, facing southwest.	

LANGAN

DAILY STATUS REPORT

Prepared By: Matt Kennelly

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32	X	32-50		50-70		70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	1/11/2022
NYSDEC BCP Site No:	C243043			Time:	8:45 – 15:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Matt Kennelly (Environmental) **Pennington Environmental, LLC (Pennington)**: Three man crew

Site Activities

- Langan and Pennington continued SSDS startup/shakedown activities including leak repairs at riser piping penetrations and trenched concrete areas for well-line piping associated with VEP-15, VEP-16, VEP-17, and VEP-29 within the dry cleaner, at riser piping penetrations associated with VEP-11 and VEP-13 within the liquor store, and at riser piping and trenched concrete areas for well-line piping associated with VEP-23, VEP-26, VEP 27, and VEP-28 within the grocery store. Penetrations and trenches were repaired using Sakrete Concrete Crack Filler. All well-line gate valves at VEP locations associated with leaks remain closed prior to exiting the site to allow crack repairs to dry.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

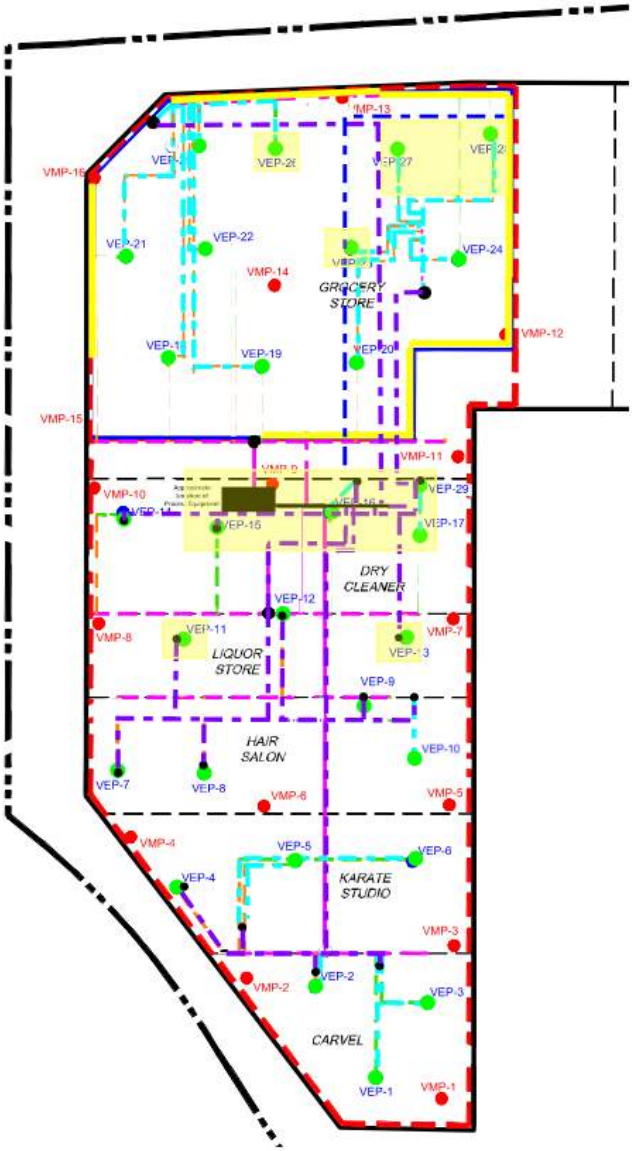
- Multiple piping leaks affecting system performance were previously identified and repaired. Langan and Pennington will confirm successful leak repairs and open the associated gate valves during remobilization on 17 January 2021.

Activities Scheduled

- Langan and Pennington will continue SSDS startup/shakedown activities including leak repairs and system optimization.
- Pennington will continue installation of vacuum gauges and sample ports on each interior well-line riser.
- Pennington will begin installation of exterior piping insulation.
- Langan will complete a full round of vacuum gauging at all vapor monitoring points and interior well-line risers following completion of leak repairs.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of repaired trench leaks at the well-line riser piping associated with VEP-28 located within the grocery store basement.	
Photo 2 – View of repaired trench leaks at the well-line riser piping associated with VEP-27 located within the grocery store basement.	

Photo 3 – Vacuum gauge and sample port installed at the VEP-14 well-line riser piping located within the dry cleaner. Existing sample port cap will be replaced with ball valves and barbed sample port fittings, facing west.	
Photo 4 – View of inlet and outlet vacuum gauges associated with Blower #1 and enclosure temperature gauge, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Matt Kennelly

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	1/18/2022
NYSDEC BCP Site No:	C243043			Time:	8:30 – 14:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Matt Kennelly (Environmental) **Pennington Environmental, LLC (Pennington)**: Greg Mahon and helper

Site Activities

- Pennington installed vacuum gauges on well-line risers located within the Carvel (VEP-1 through VEP-3), the hair salon (VEP-7 through VEP-10), the liquor store (VEP-11 through VEP-13), and the grocery store (VEP-18 through VEP-28). Vacuum gauges have been installed on all well-line risers, with the exception of those located within the karate studio.
- Langan restarted the process equipment after a 'low vacuum' alert was observed, however the system was immediately shut down after abnormal noise was noted at the process equipment. Ice was observed within the vicinity of multiple subheader piping joints and it was determined that ice had potentially also infiltrated the process equipment.
- Langan coordinated with the blower system manufacturer, Gasho, regarding system restart following a shutdown and freeze. Pennington, Langan, and Gasho will remobilize to site to further assess necessary actions for process equipment restart.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

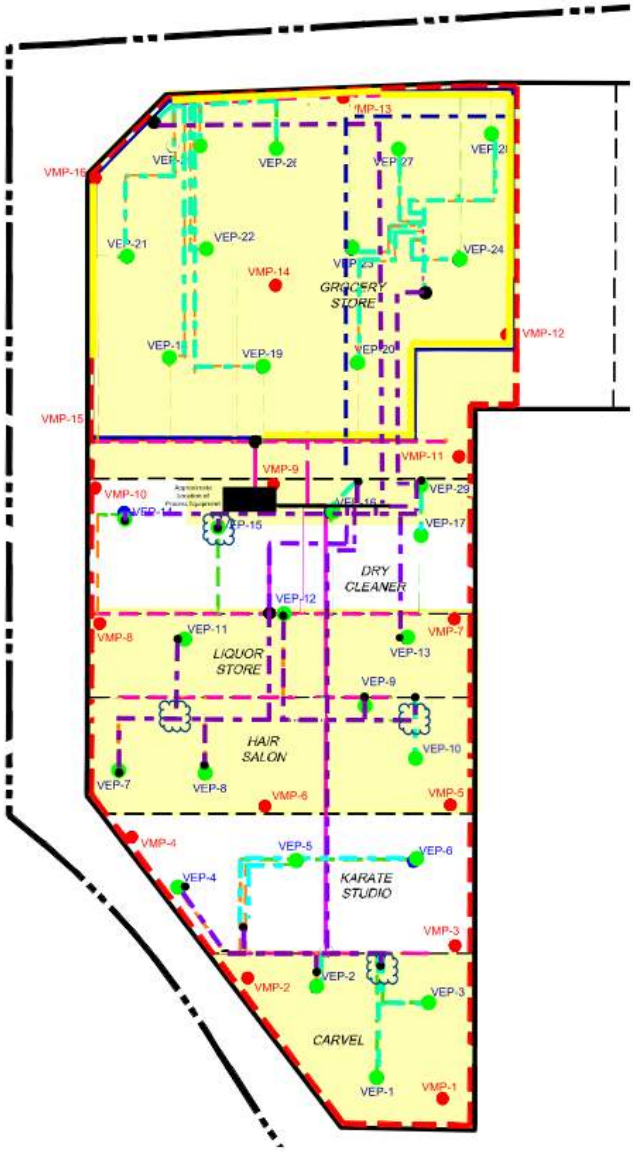
- Langan observed a 'low vacuum' alarm on the process equipment. After attempting to restart the system, it was determined that ice had potentially infiltrated the process equipment. Necessary actions for system restart will be further assessed.
- Langan observed pooling water and icicles forming at four 4-inch subheader piping joints.

Activities Scheduled

- Langan and Pennington will drain water identified within the exterior subheader piping. Exterior subheader piping will also be adjusted to prevent future build-up of water.
- Pennington will continue installation of vacuum gauges and sample ports on interior well-line risers located within the karate studio.
- Pennington will begin installation of exterior subheader piping insulation.
- Following system restart, Langan will complete a full round of vacuum gauging at all vapor monitoring points and interior well-line risers.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- SUBHEADER LOW-POINT / WATER NOTED
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of vacuum gauge and sample port installed at the VEP-9 well-line riser located within the hair salon, facing north. Existing sample port cap will be replaced with ball valves and barbed sample port fittings.	
Photo 2 – View of vacuum gauge and sample port installed at the VEP-20 well-line riser located within the grocery store. Existing sample port cap will be replaced with ball valves and barbed sample port fittings, facing north.	

Photo 3 – 'Low Vacuum' alarm observed on the blower system upon arrival on-Site. The system will be further assessed by Langan, Pennington, and Gasho prior to system restart.	
Photo 4 – Pooling water and icicle observed beneath the 4-inch subheader line between VEP-7 & VEP-11, facing southwest.	

LANGAN

DAILY STATUS REPORT

Prepared By: Matt Kennelly

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50	X	50-70		70-85		>85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	1/19/2022
NYSDEC BCP Site No:	C243043			Time:	8:30 – 14:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Matt Kennelly (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin

Site Activities

- Langan and Pennington drained water identified within exterior subheader and mainheader piping. Four holes were drilled in 4-inch PVC subheader lines and one hole was drilled in the 6-inch PVC mainheader line. Pennington will install petcock valves into drilled holes for future draining activities.
- Pennington routed remaining water towards drilled holes to drain subheader lines.
- Langan coordinated with the remote monitoring systems manufacturer (Sensaphone) to troubleshoot problems with wireless transmittal of process equipment status. Langan corrected the associated internal electrical connections completed by the process equipment manufacturer (Gasho), achieved cellular connection, and confirmed cellular connection via the monitoring system's remote online interface. However, the connection was dropped was dropped shortly after confirmation.

Samples Collected

- None

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

- Connectivity issues were noted with the process equipment's remote monitoring system. Langan corrected the associated internal electrical connections previously completed by Gasho, achieved cellular connection, and confirmed cellular connection via the monitoring system's remote online interface. However, the connection was dropped was dropped shortly after confirmation. Pennington, Langan, and Gasho will remobilize to reposition the device's antenna and internal wiring to prevent potential signal interference.

Activities Scheduled

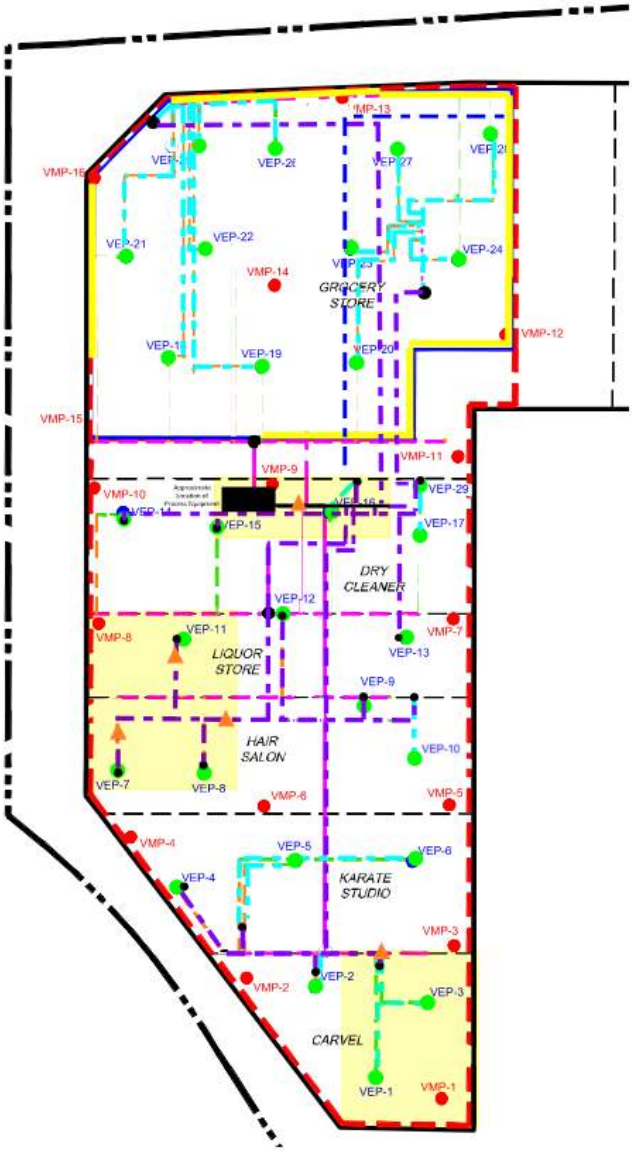
- Gasho, Langan, and Pennington will assess potential freezing within the process equipment and restart the system.
- Langan, Pennington, and Gasho will reposition the remote monitoring system's antenna and internal wiring.
- Langan and Pennington will continue SSDS startup/shakedown activities including confirmation of leak repairs and system optimization.
- Pennington will continue installation of vacuum gauges and sample ports on interior well-line riser located within the karate studio.

Activities Scheduled (Continued)

- Pennington will begin installation of exterior subheader and mainheader piping insulation.
- Langan will complete a full round of vacuum gauging at all vapor monitoring points and interior well-line risers following completion of leak repairs.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- PIPING DRAIN INSTALLED
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of VEP-1 & VEP-3 being drained of free water, facing west. Pennington will install a petcock valve future drainage.	
Photo 2 – Subheader line extending to VEP-7 being drained of free water, facing west. Pennington will install a petcock valve for future drainage.	

Photo 3 – View of remote monitoring system located within the process equipment, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Imtiyaz Khan

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32	X	32-50		50-70		70-85		<85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	1/26/2022
NYSDEC BCP Site No:	C243043			Time:	9:00 – 13:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Imtiyaz Khan (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin **Gasho, Inc.:** Alan Robinson

Site Activities

- Gasho inspected and de-iced the process equipment blower and blower shaft. Gasho confirmed that the equipment had not been damaged by ice and functions as designed. The process equipment was run for approximately three hours without triggering any alarms and was powered down following completion of inspection and testing activities.
- Langan corrected the Sensaphone Sentinel auto-dialer's cellular antenna connection to modem, rebooted the modem, and confirmed functionality of all alarms. The auto-dialer is now online.

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

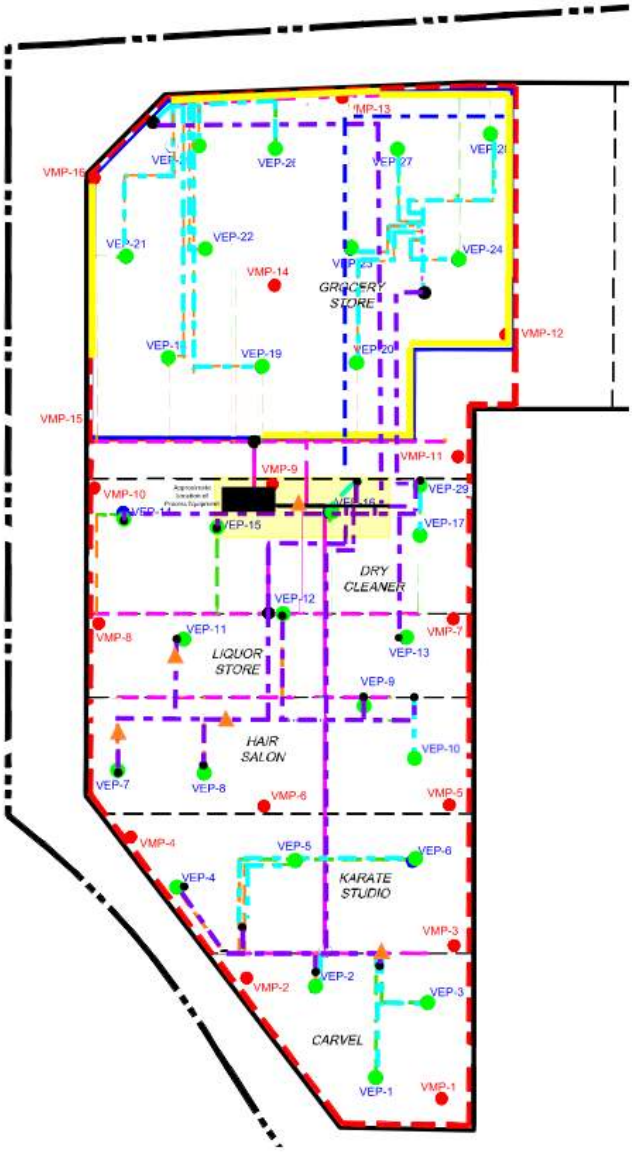
- A variable frequency drive (VFD) speed discrepancy was identified between the VFD control panel display and Sensaphone remote display. Langan will coordinate with Gasho to correct this discrepancy.
- The process equipment's No-Loss stack head was identified to be fabricated with incorrect flanges preventing correct installation. Gasho will fabricate a new stack head for replacement.

Activities Scheduled

- Pennington will install exterior sub-header and main-header piping insulation and moisture drain valves on the piping to reduce and drain potential condensation.
- Following installation of piping insulation, Langan will restart the process equipment for long-term use.
- Pennington will continue installation of vacuum gauges and sample ports on interior well-line riser located within the karate studio.
- Langan and Pennington will continue SSDS startup and system optimization, including a full round of vacuum gauging at all vapor monitoring points (VMPs) and all vapor extraction point (VEP) risers, following completion of exterior piping insulation and system restart.

LANGAN

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- EFFLUENT WATER DRAIN DRILLED
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of process equipment impeller during inspection and de-icing, facing southeast.	
Photo 2 – View of process equipment during system inspection, facing north.	

Photo 3 – View of online Sensaphone Sentinel auto-dialer after programming, antenna reconnection, and re-booting, facing west.	
Photo 4 – View of the signal converter between the Sensaphone Sentinel auto-dialer and VFD, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Alessandra Looman

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50	X	50-70		70-85		<85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	03/02/2022
NYSDEC BCP Site No:	C243043			Time:	8:00 – 13:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Alessandra Looman (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin, Laborers (4)

Site Activities

- Langan and Pennington identified locations within the exterior sub-header piping network exhibiting sloping (i.e., low-points/U-traps) issues.
- Pennington corrected sloping issues by adjusting pipe support brackets, as needed.
- Pennington installed Aerocel Stay-Seal with Protape (SSPT) tube insulation to all 2-inch and 4-inch exterior sub-header piping.
- Pennington installed drain plugs on the piping.

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

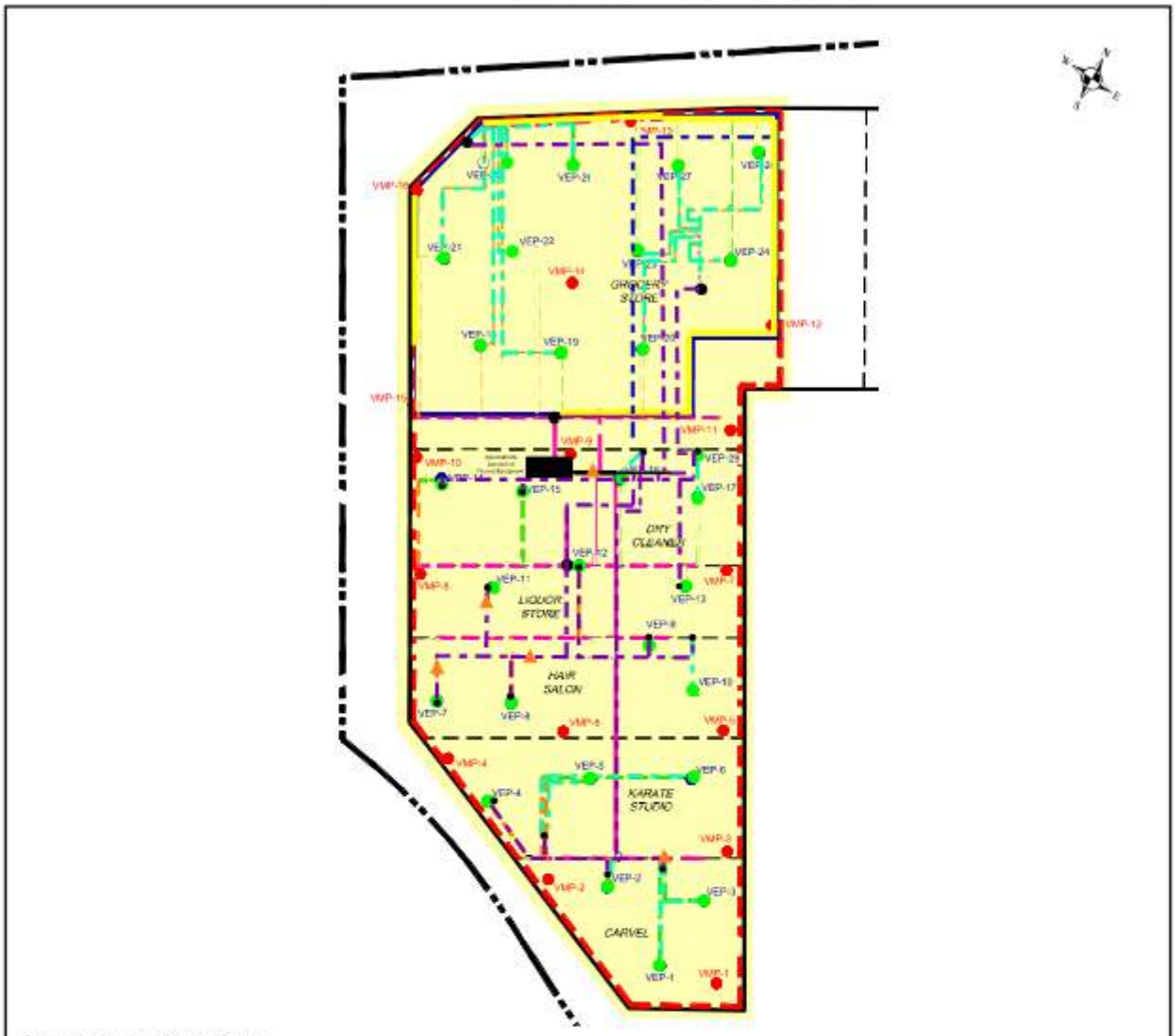
Problems Encountered

- Two locations exhibiting sloping issues will require the 4-inch black steel sub-header line near the roof penetration points to be cut down and PVC elbow reinstalled in order to achieve the appropriate pitch.
- One run of 4-inch PVC sub-header piping located adjacent to the process equipment was identified as a significant low spot in the system. This run will need to be cut and reinstalled above nearby lines, rather than below them.

Activities Scheduled

- Pennington will install exterior 6-inch main-header piping insulation and insulate all system elbows and joints.
- Pennington will cut and reinstall piping to correct the remaining slope issues.
- Following installation of piping insulation, Langan will restart the process equipment for long-term use.
- Pennington will continue installation of vacuum gauges and sample ports on interior well-line risers.
- Langan and Pennington will continue SSDS startup and system optimization, including a full round of vacuum gauging at all vapor monitoring points (VMPs) and all vapor extraction point (VEP) risers, following completion of exterior piping insulation and system restart.

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- EFFLUENT WATER DRAIN DRILLED
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of Pennington correcting pipe sloping issues, facing south.	
Photo 2 – View of Pennington installing insulation to 4-inch sub-header piping, facing northeast.	

Photo 3 – View of one location where 4-inch black steel sub-header line will need to be cut down to achieve the appropriate pitch, facing southeast.	
Photo 4 – View of insulated 2-inch and 4-inch sub-header piping, facing north.	

LANGAN

DAILY STATUS REPORT

Prepared By: Alessandra Looman

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		<85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	03/07/2022
NYSDEC BCP Site No:	C243043			Time:	8:00 – 14:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Alessandra Looman (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin, Laborers (2)

Site Activities

- Pennington installed Aerocel Stay-Seal with Protape (SSPT) tube insulation to all 6-inch exterior header piping.
- Pennington corrected remaining sloping issues by cutting down and re-installing select 4-inch steel and 2-inch PVC vertical piping penetrating the roof.
- Pennington cut and reinstalled the 4-inch PVC sub-header piping located adjacent to the process equipment to run above nearby lines rather than below them, to eliminate a low spot in the system.
- Pennington continued installation of vacuum gauges and sample ports on interior well-line risers in the grocery basement, dry cleaners, liquor store, and ice cream shop.

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

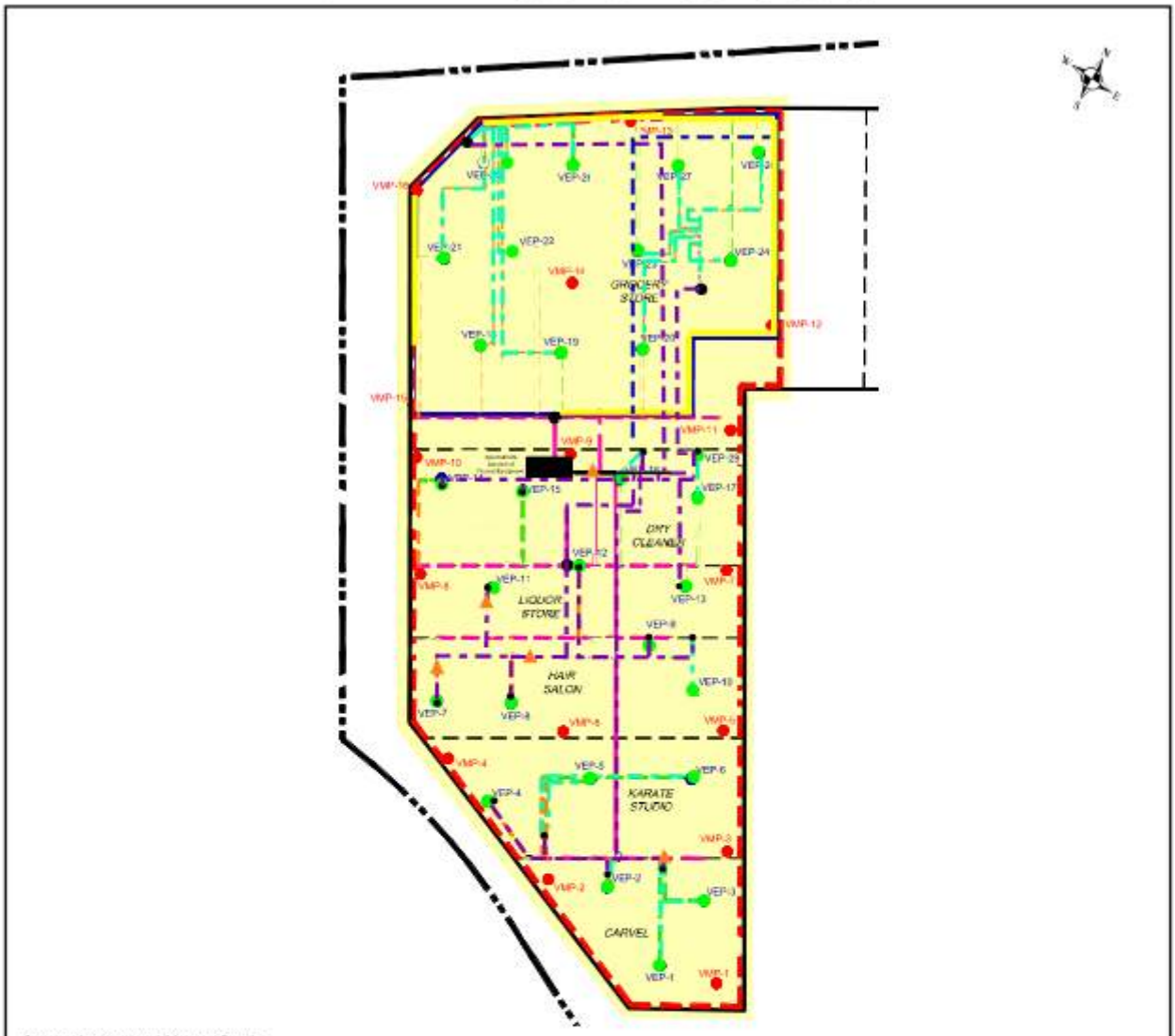
Problems Encountered

- Water was observed exiting system pipes as certain sections were cut for re-leveling. Pennington opened the in-line filter housing to investigate. A significant volume of water was collected within the in-line filter housing and poured out when opened. After all water was drained the filter housing was re-secured. The source of this collecting water is unknown at this time and is being investigated further.
- The hair salon was closed and inaccessible today; installation of vacuum gauges and sample ports on interior well-line risers was not completed in this tenant space.
- Interior well-line risers in the Taekwondo school require taps be drilled prior to installation of vacuum gauges and sample ports in this tenant space.

Activities Scheduled

- Pennington will finish installation of vacuum gauges and sample ports on interior well-line risers in the hair salon and Taekwondo school.
- Pennington will insulate all system elbows and joints with tape or similar, as needed.
- Langan and Pennington will continue SSDS startup and system optimization, including a full round of vacuum gauging at all vapor monitoring points (VMPs) and all vapor extraction point (VEP) risers, following completion of remaining installation items and system restart.

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- EFFLUENT WATER DRAIN DRILLED
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of insulated 6-inch header piping, facing southeast.	
Photo 2 – View of one location where 4-inch black steel sub-header line was cut down to achieve the appropriate pitch, facing northwest.	

Photo 3 – View of cut and reinstalled 4-inch PVC sub-header piping, now running above nearby lines rather than below them, facing northwest.	
Photo 4 – View of installed vacuum gauge and sample port on interior well-line riser, facing west.	

LANGAN

DAILY STATUS REPORT

Prepared By: Alessandra Looman

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		<85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	03/16/2022
NYSDEC BCP Site No:	C243043			Time:	8:00 – 16:00

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Alessandra Looman (Environmental), Linhan Yang (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin

Site Activities

- Pennington insulated system elbows and joints with insulation tape.
- Pennington installed vacuum gauges and sample ports on interior well-line risers in the hair salon and Taekwondo studio.
- Langan performed the SSDS pre-startup inspection and shakedown/startup procedures.
- Langan completed a round of vacuum gauging at all vapor extraction points (VEPs) and vacuum monitoring points (VMPs).
- Langan tested and confirmed functionality of the Sensaphone wireless auto-dialer system.
- System was left operational upon departure of the site.

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

- The following VMPs require re-drilling due to borehole collapse and/or possible concrete blockage:
  - VMP-1, VMP-2, VMP-4, VMP-5, VMP-6, VMP-9, VMP-12
- VMP-10 was not installed or is otherwise unable to be located.
- VEP-2 requires vacuum gauge and sample port to be installed.
- The valve serving the sub-header including VEP-7 through VEP-12 is broken and requires repair/replacement (stuck in closed position). As such, the VEPs on this leg of the system were unable to be tested.
- Air leaks were observed at the following VEPs:
  - VEP-14 (leaking air at base of well)
  - VEP-17 (well appears okay; trench concrete patch seal is leaking, needs additional caulking or similar)
  - VEP-29 (leaking air at base of well; already attempted to seal, but leak persists)

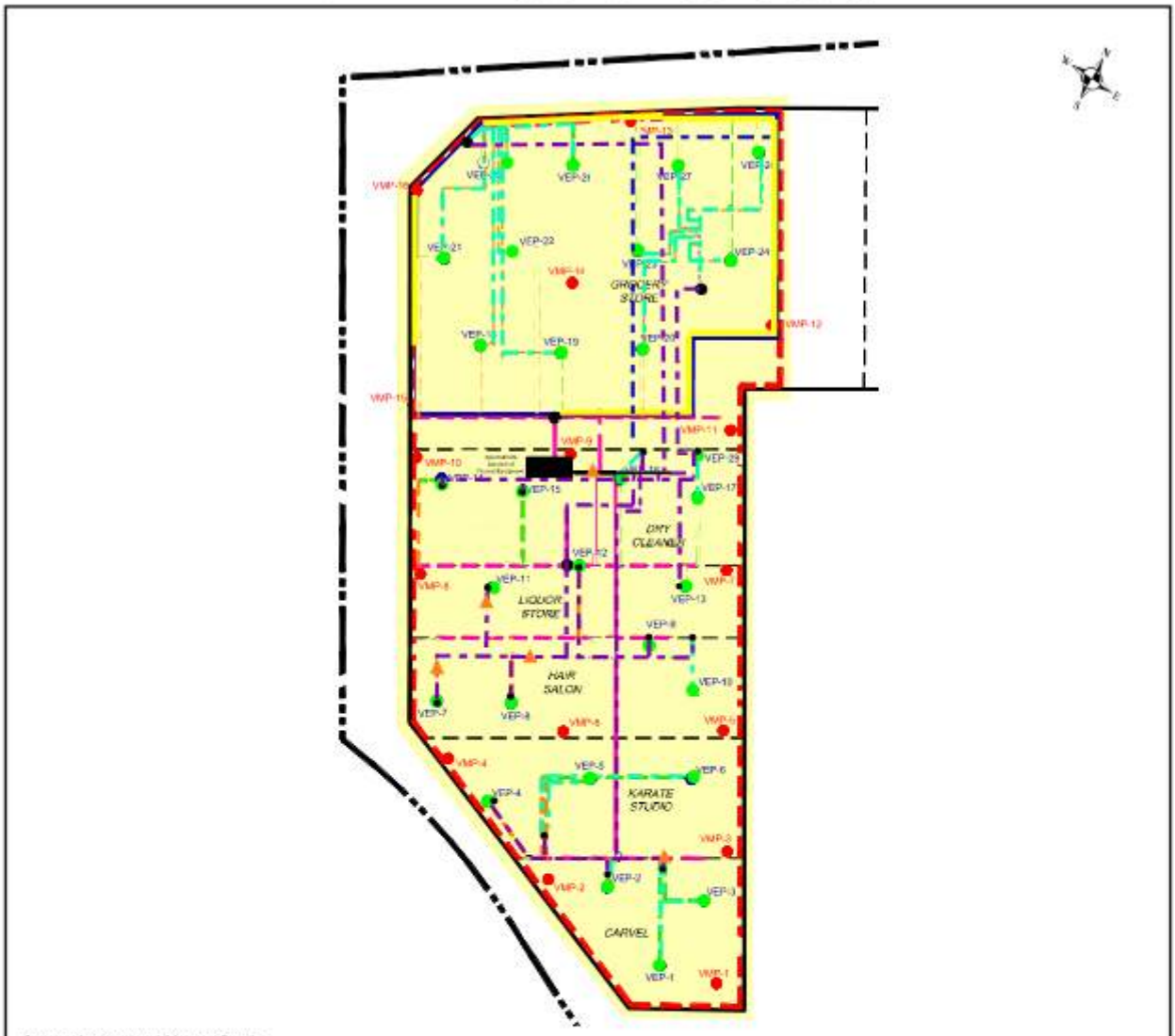
LANGAN

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Alessandra Looman (Environmental), Linhan Yang (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin

Activities Scheduled

- Pennington will re-drill the VMPs exhibiting borehole collapse.
- Pennington will install VMP-10 in the rear of the dry cleaner tenant space.
- Pennington will install a vacuum gauge and sample port on the VEP-2 interior well-line riser in Carvel.
- Pennington will repair/replace the valve serving the sub-header including VEP-7 through VEP-12.
- Langan and Pennington will continue SSDS startup and system optimization, including a full round of vacuum gauging at all VMPs and VEPs, following completion of remaining installation items.

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- EFFLUENT WATER DRAIN DRILLED
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
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- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of system elbows insulated with tape, facing west.	
Photo 2 – View of air filter housing; no additional water accumulation observed prior to system startup, facing northwest.	

Photo 3 – View of SSDS control panel screens at system startup, facing southwest.	
Photo 4 – From left to right, view of VEP-29 (leaking air at base of individual well-line), and VEP-17 (leaking air at trench concrete patch), facing northwest.	

LANGAN

DAILY STATUS REPORT

Prepared By: Alessandra Looman

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50	X	50-70		70-85		<85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	03/23/2022
NYSDEC BCP Site No:	C243043			Time:	7:45 – 17:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Alessandra Looman (Environmental) **Pennington Environmental, LLC (Pennington)**: AJ Benjamin and crew (2)

Site Activities

- Pennington replaced the valve serving the sub-header including VEP-7 through VEP-12.
- Pennington patched air leaks at VEPs and concrete trench using DRYLOK® Pourable Masonry Crack Filler in the dry cleaner tenant space.
- Pennington re-drilled the VMPs exhibiting borehole collapse in several tenant spaces, and installed VMP-10 in the rear of the dry cleaner tenant space.
- Pennington installed a vacuum gauge and sample port on the VEP-2 interior well-line riser in Carvel.
- Langan performed the SSDS pre-startup inspection and shakedown/startup procedures.
- Langan completed a round of vacuum gauging at all vapor extraction points (VEPs) and vacuum monitoring points (VMPs).
- System was left operational upon departure of the site.

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

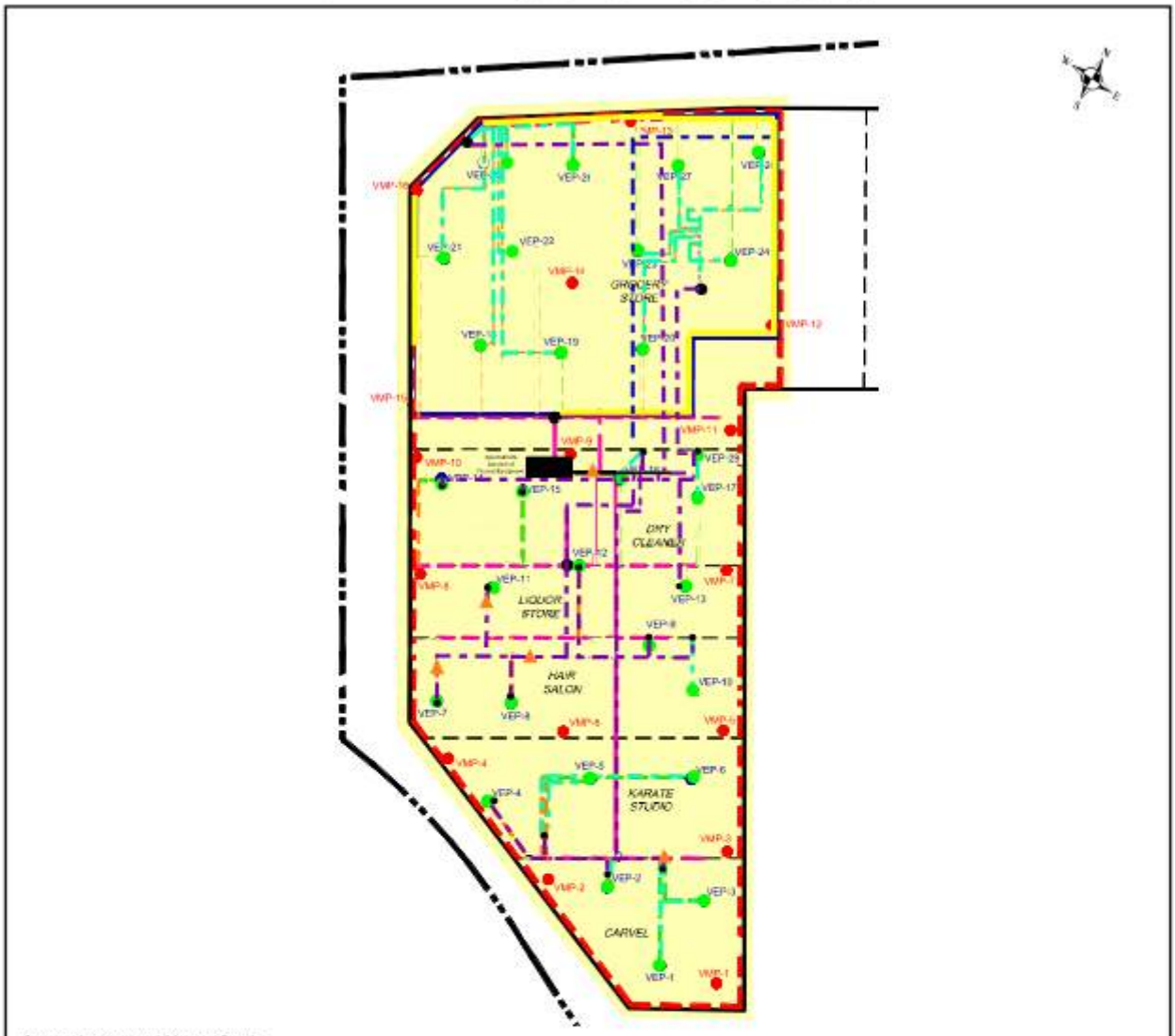
Problems Encountered

- None.

Activities Scheduled

- Pennington will install a vacuum gauge and sample port on the VEP-7 interior well-line riser in the salon tenant space.
- Langan will continue SSDS startup and system optimization, including a full round of vacuum gauging at all VMPs and VEPs and soil vapor/indoor air sampling.

SITE MAP (SSDS Installation)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
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NOTES

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3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

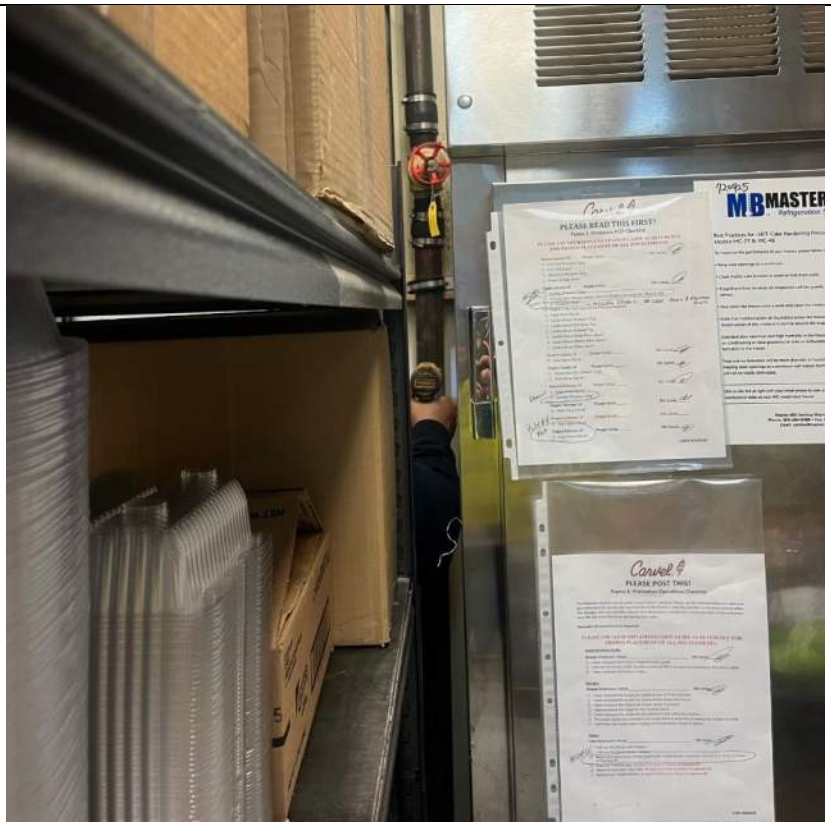
4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

LANGAN

Photo Log

Photo 1 – View of new valve installed on the sub-header line serving VEP-7 through VEP-12, facing north.	
Photo 2 – View of patched air leaks at VEP-29 (left), VEP-17 (right), and concrete trench in the dry cleaner tenant space, facing northwest.	

Photo 3 – View of VMP-10 being installed in the rear of the dry cleaner tenant space, facing west.	
Photo 4 – View of Pennington drilling to install a vacuum gauge and sample port on VEP-2 in Carvel, facing northwest.	

LANGAN

DAILY STATUS REPORT

Prepared By: Alessandra Looman

WEATHER	Snow		Rain		Overcast		Partly Cloudy	X	Bright Sun	X
TEMP.	< 32		32-50		50-70	X	70-85		<85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	04/15/2022
NYSDEC BCP Site No:	C243043			Time:	7:45 – 14:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Alessandra Looman (Environmental)

Site Activities

- Langan performed an inspection of the SSDS; no issues were noted at the process equipment.
- Langan completed a round of vacuum gauging at all vapor extraction points (VEPs) and vacuum monitoring points (VMPs).
- System was left operational upon departure of the site.

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

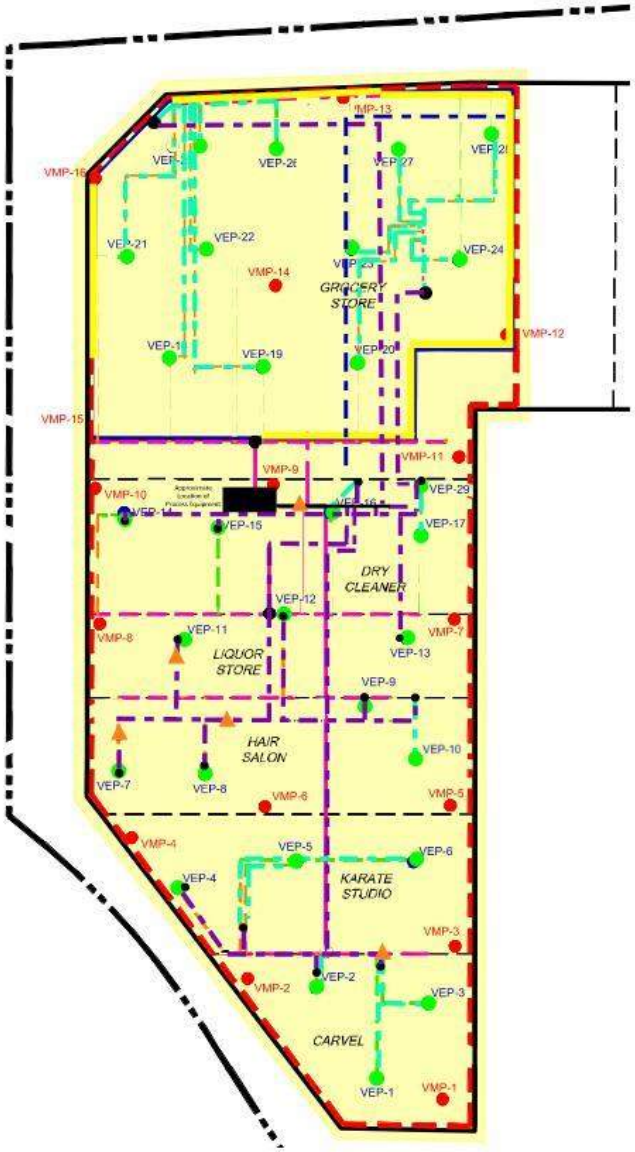
- None.

Activities Scheduled

- Langan will conduct soil vapor and indoor air sampling on Monday 18 April 2022.
- Langan will continue SSDS system optimization, including a full round of vacuum gauging at all VMPs and VEPs in approximately one month.
- Pennington will install a vacuum gauge and sample port on the VEP-7 interior well-line riser in the salon tenant space.

LANGAN

SITE MAP (SSDS OM&M)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- COMPLETED VEP WELL POINT
- W WORK ZONE AIR MONITORING STATION
- WORK AREA
- EFFLUENT WATER DRAIN DRILLED
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION
- GAP SEALING COMPLETED
- COMPLETED WELL LINE
- COMPLETED SUBHEADER LINE
- ELECTRICAL CONDUITS

NOTES

1. Basemap taken from Full-Scale SSDS Manifold Layout prepared by Langan dated 25 November 2020.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

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Photo Log

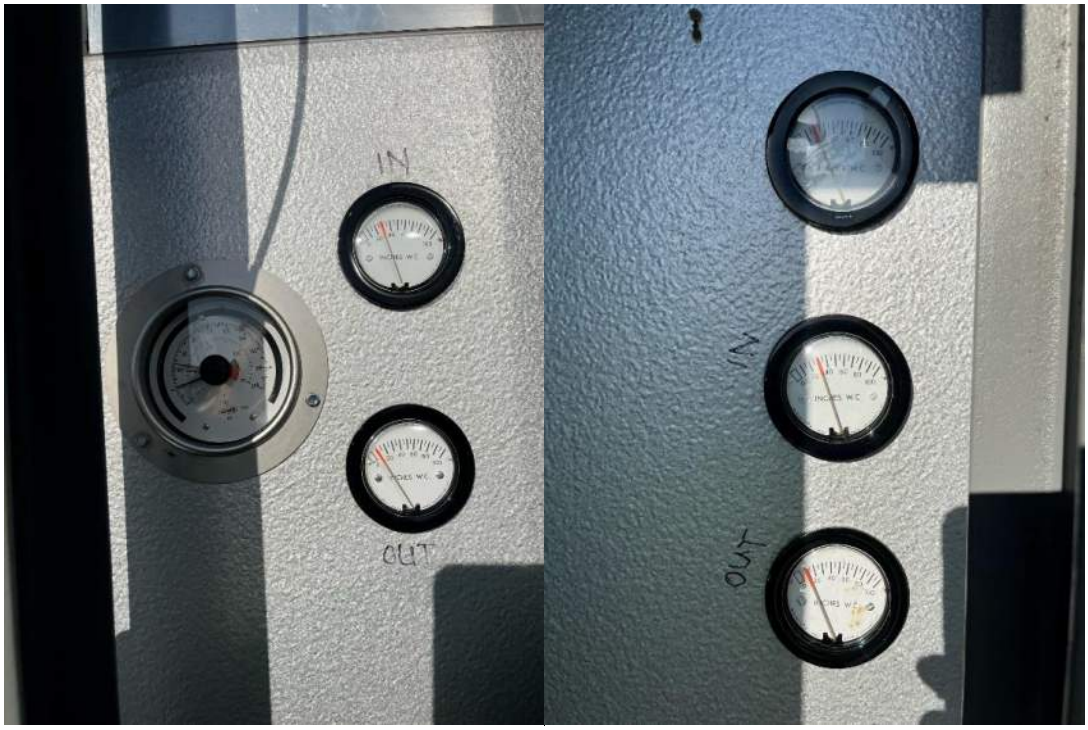
Photo 1 – View of blower vacuum parameters upon arrival, facing southwest.	
Photo 2 – View of blower VFD parameters upon arrival, facing southwest.	

Photo 3 – View of in-line filter housing conditions upon arrival, facing northwest.	
Photo 4 – View of grocery sub-header valves at approximately 75% closed upon departing the site, facing northwest (left) and facing northeast (right).	

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DAILY STATUS REPORT

Prepared By: Alessandra Looman

WEATHER	Snow		Rain	X	Overcast	X	Partly Cloudy	X	Bright Sun	
TEMP.	< 32		32-50	X	50-70	X	70-85		<85	

Langan Project No:	100849501	Project:	990 Rossville Ave	Date:	04/18/2022
NYSDEC BCP Site No:	C243043			Time:	8:00 – 21:30

Consultant:	**PERSONNEL ON SITE:**
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**Langan:** Alessandra Looman (Environmental), Linhan Yang (Environmental)

Site Activities

- Langan conducted soil vapor and indoor air sampling in both the mitigated and unmitigated portions of the site.
    - 22 indoor air samples (plus two duplicate indoor air samples) and 11 soil vapor samples (plus one duplicate soil vapor sample) were collected from the tenant spaces.
    - One ambient air sample and one system effluent vapor sample (plus one duplicate effluent sample) was also collected.
- Pennington installed a vacuum gauge and sample port on the VEP-7 interior well-line riser in the salon tenant space.
- System was left operational upon departure of the site.

Samples Collected

- The following soil vapor samples were collected and submitted to the laboratory to be analyzed for volatile organic compounds (VOCs). The samples were submitted to Alpha Analytical, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory located in Westborough, Massachusetts.

SV01_041822	SV02_041822	SV03_041822	SV04_041822	SV05_041822
SV06_041822	SV07_041822	SV08_041822	SV09_041822	SV10_041822
SV11_041822	SVDUP01_041822			

- The following indoor air samples were collected and submitted to the laboratory to be analyzed for VOCs. The samples were submitted to Alpha Analytical.

IA01_041822	IA02_041822	IA03_041822	IA04_041822	IA05_041822
IA06_041822	IA07_041822	IA08_041822	IA09_041822	IA10_041822
IA11_041822	IA12_041822	IA13_041822	IA14_041822	IA15_041822
IA16_041822	IA17_041822	IA18_041822	IA19_041822	IA20_041822
IA21_041822	IA22_041822	IADUP01_041822	IADUP02_041822	

- The following SSDS effluent vapor samples were collected and submitted to the laboratory to be analyzed for VOCs. The samples were submitted to Alpha Analytical.

SVE01_OUT_041822	SVEDUP01_OUT_041822

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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.	**PERSONNEL ON SITE:** **Langan:** Alessandra Looman (Environmental), Linhan Yang (Environmental)

- The following ambient air sample was collected and submitted to the laboratory to be analyzed for VOCs. The sample was submitted to Alpha Analytical.

  AA01_041822

Community Air Monitoring Program (CAMP)

- Langan did not implement CAMP as no soil disturbance occurred.

Problems Encountered

- None.

Activities Scheduled

- Langan will continue SSDS optimization, including a full round of vacuum gauging at all VMPs and VEPs in approximately one month.

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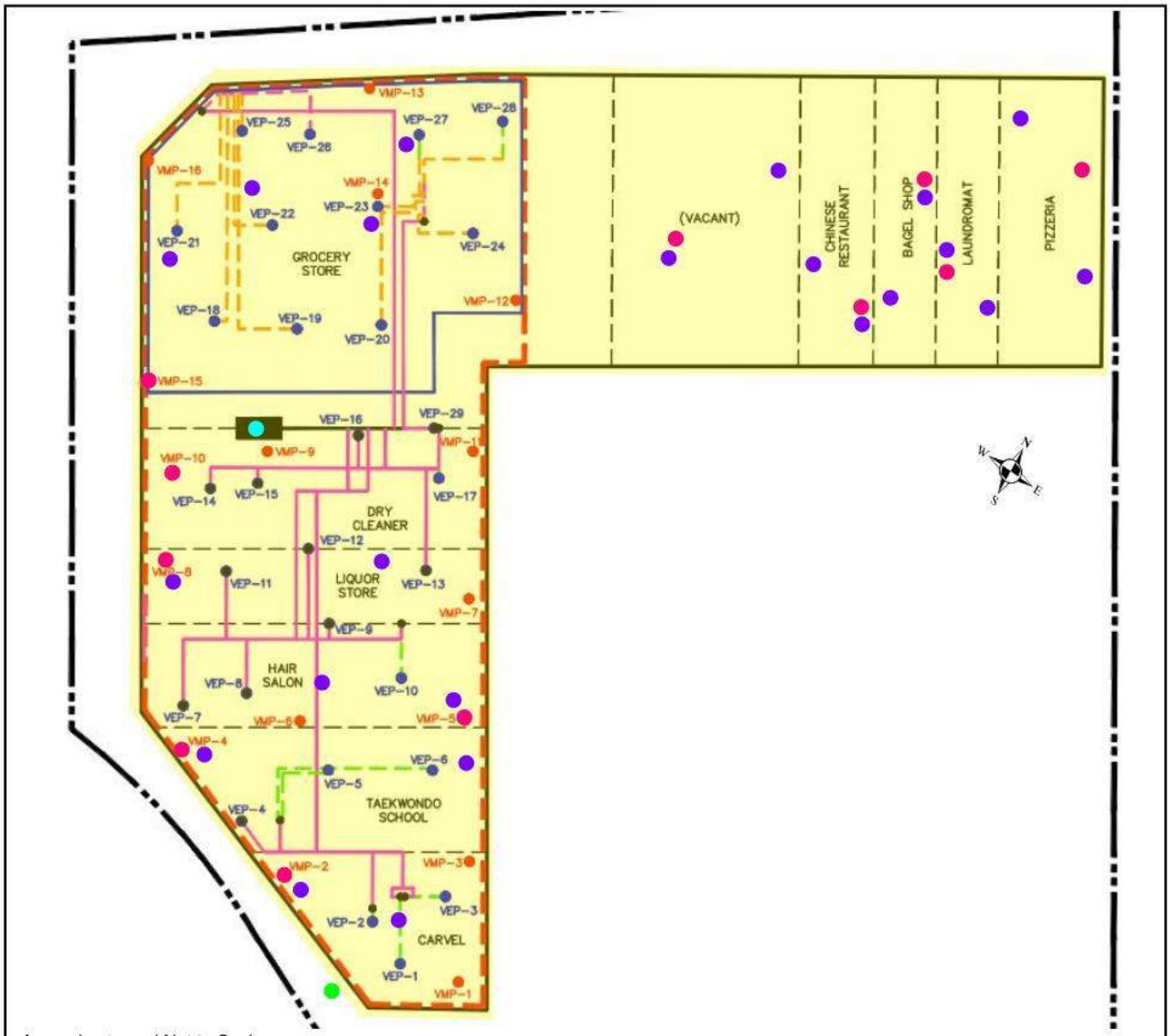
SITE MAP (SSDS)



Approximate and Not to Scale

LEGEND

- PROPERTY LINE
- EXISTING BUILDING OUTLINE
- INTERIOR WALL
- VEP-1 SSDS FULL-SCALE VEP
- VMP-1 SSDS FULL-SCALE VMP
- PROPOSED SSDS MITIGATION AREA
- APPROXIMATE BASEMENT EXTENTS
- WORK AREA
- SOIL VAPOR SAMPLE LOCATION 4/18/22
- INDOOR AIR SAMPLE LOCATION 4/18/22
- AMBIENT AIR SAMPLE LOCATION 4/18/22
- SOIL VAPOR EFFLUENT SAMPLE LOCATION 4/18/22
- INDIVIDUAL BELOW GRADE WELL LINE (SCH40 PVC)
- INDIVIDUAL ABOVE GROUND WELL LINE (2-INCH BLACK STEEL)
- INTERIOR SUBHEADER LINE (4-INCH BLACK STEEL)
- EXTERIOR SUBHEADER LINE (4-INCH SCH40 PVC)
- EXTERIOR MAIN HEADER LINE (6-INCH SCH40 PVC)
- ROOF PENETRATION LOCATION

NOTES

1. Basemap taken from As-Built SSDS Well Manifold Layout prepared by Langan dated 12 April 2022.

2. SSDS design has been modified to incorporate additional roof penetrations, relocate all interior subheader lines to the building exterior, and minimize the amount of interior above-ground horizontal piping.

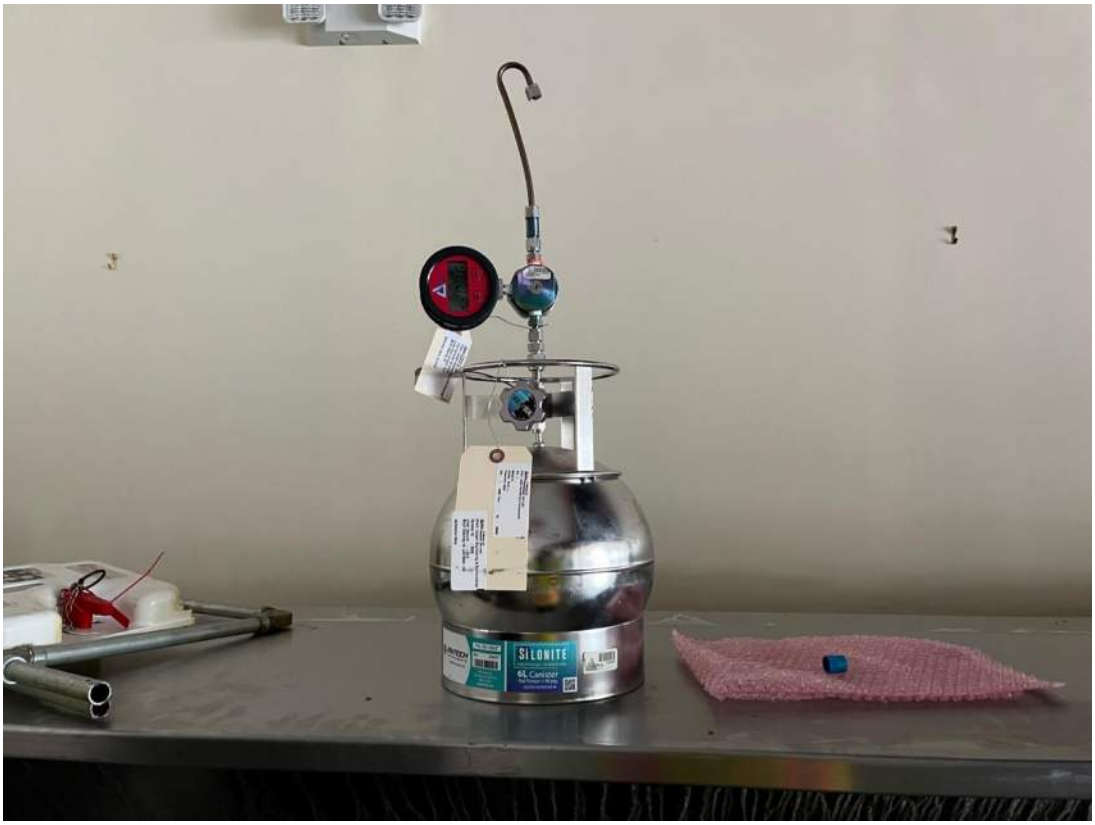
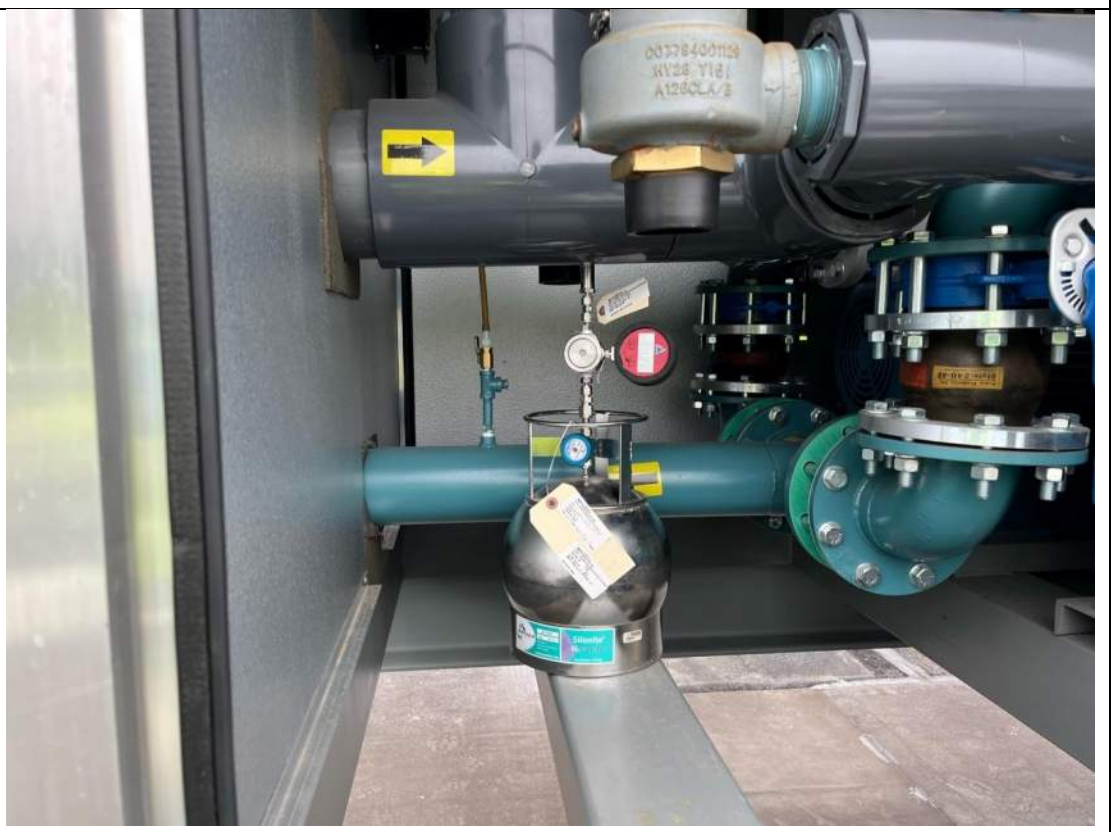
3. Proposed horizontal above-grade interior piping associated with VEP-5 and VEP-6 was redesigned to run below-grade.

4. Proposed horizontal below-grade interior piping associated with VEP-16 and VEP-17 was redesigned to run to the northern wall of the dry cleaner tenant space.

5. Interior well-line and roof penetration locations within the grocery store tenant space basement have been modified based on field conditions.

Photo Log

Photo 1 – View of Langan installing a temporary sub-slab soil vapor sampling point within the bagel shop tenant space, facing north.	
Photo 2 – View of Langan preparing the shroud for helium leak detection tracer test, facing northwest.	

Photo 3 – View of one indoor air sampling location, facing north.	
Photo 4 – View of the SSDS effluent vapor sample within process equipment enclosure, facing northwest.	

Monthly Progress Report No. 01
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: February 2021

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of February 2021.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/ commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

None

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan will submit the Remedial Investigation Work Plan (RIWP) Fact Sheet in March 2021, at which point a 30-day public comment period will commence.

Langan continued coordinating and scheduling with the subcontractors required to implement the NYSDEC-approved Revised Interim Remedial Measures Work Plan (IRMWP). Subcontractor coordination and scheduling commenced in August 2020, prior to NYSDEC-approval of the IRMWP. We anticipate mobilizing for Sub-Slab Depressurization System (SSDS) installation in April 2021. Notification will be provided to the Department prior to mobilization.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 10% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

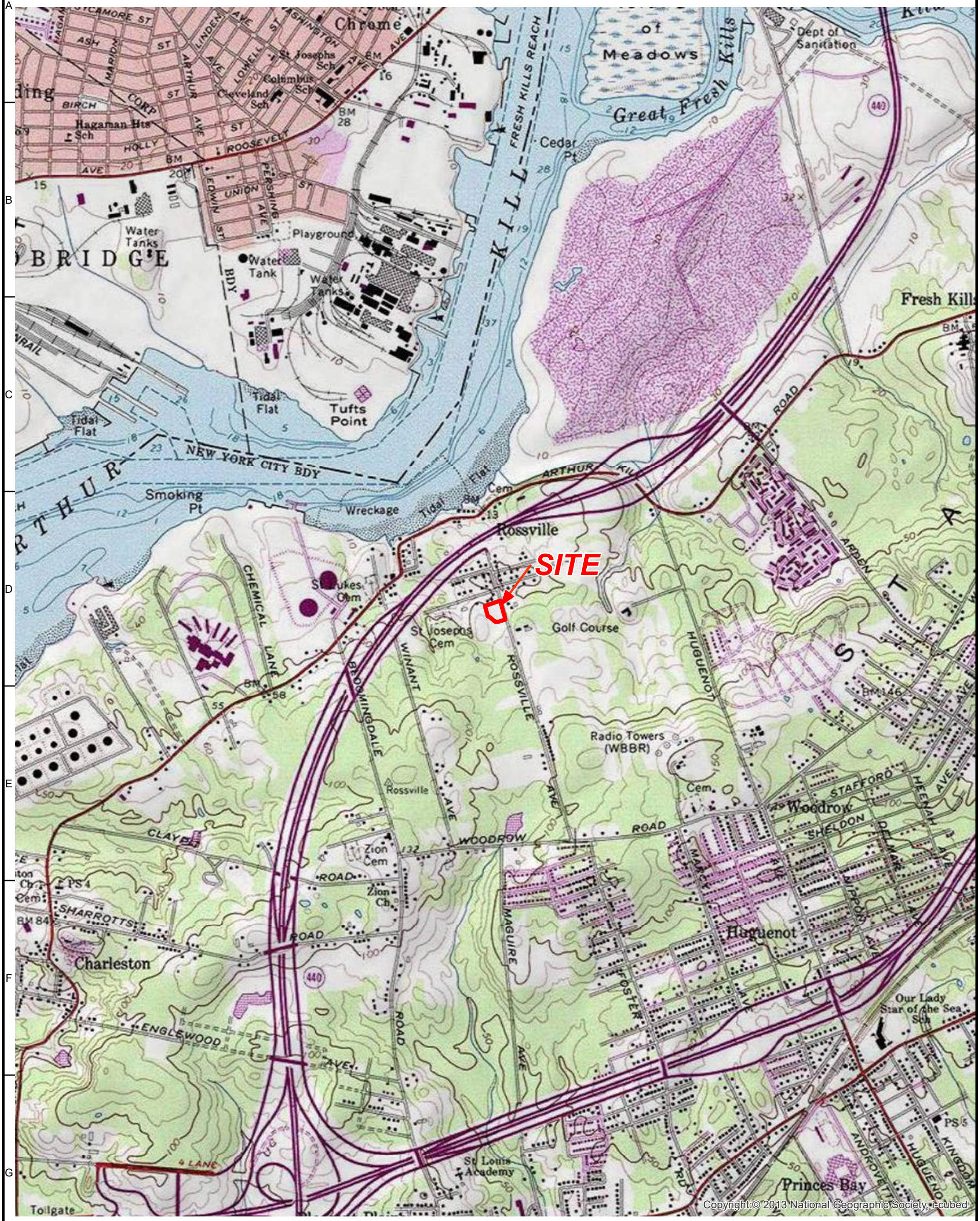
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



Notes:
1. USGS Topographic basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS Online.
2. Parcel information from MapPLUTO 18v2 copyrighted by the New York City Department of Planning, last updated 2018.

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Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Date: 2/25/2020	
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Drawn By: KMB	

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Monthly Progress Report No. 02
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: March 2021

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of March 2021.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/ commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan submitted the Remedial Investigation Work Plan (RIWP) Fact Sheet to the New York State Department of Environmental Conservation (NYSDEC) on 29 March 2021.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

NYSDEC approved the RIWP Fact Sheet for distribution on 2 April 2021. Langan distributed the Fact Sheet to all parties on the site contact list and provided copies of the draft RIWP to the repositories on 6 April 2021. The 30-day public comment period for the RIWP commenced on 8 April 2021 and will end on 8 May 2021.

Langan continued coordinating and scheduling with the subcontractors required to implement the NYSDEC-approved Revised Interim Remedial Measures Work Plan (IRMWP). Subcontractor coordination and scheduling commenced in August 2020, prior to NYSDEC-approval of the IRMWP.

Allied Rossville LLC will file for New York City Department of Building permits associated with the rooftop structural and Sub-Slab Depressurization System (SSDS) installation activities in the upcoming reporting period. We will be mobilizing for SSDS installation on 19 April 2021.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

Langan submitted the RIWP Fact Sheet to NYSDEC on 29 March 2021.

7. Information Regarding Percentage of Completion

The BCP project is about 10% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

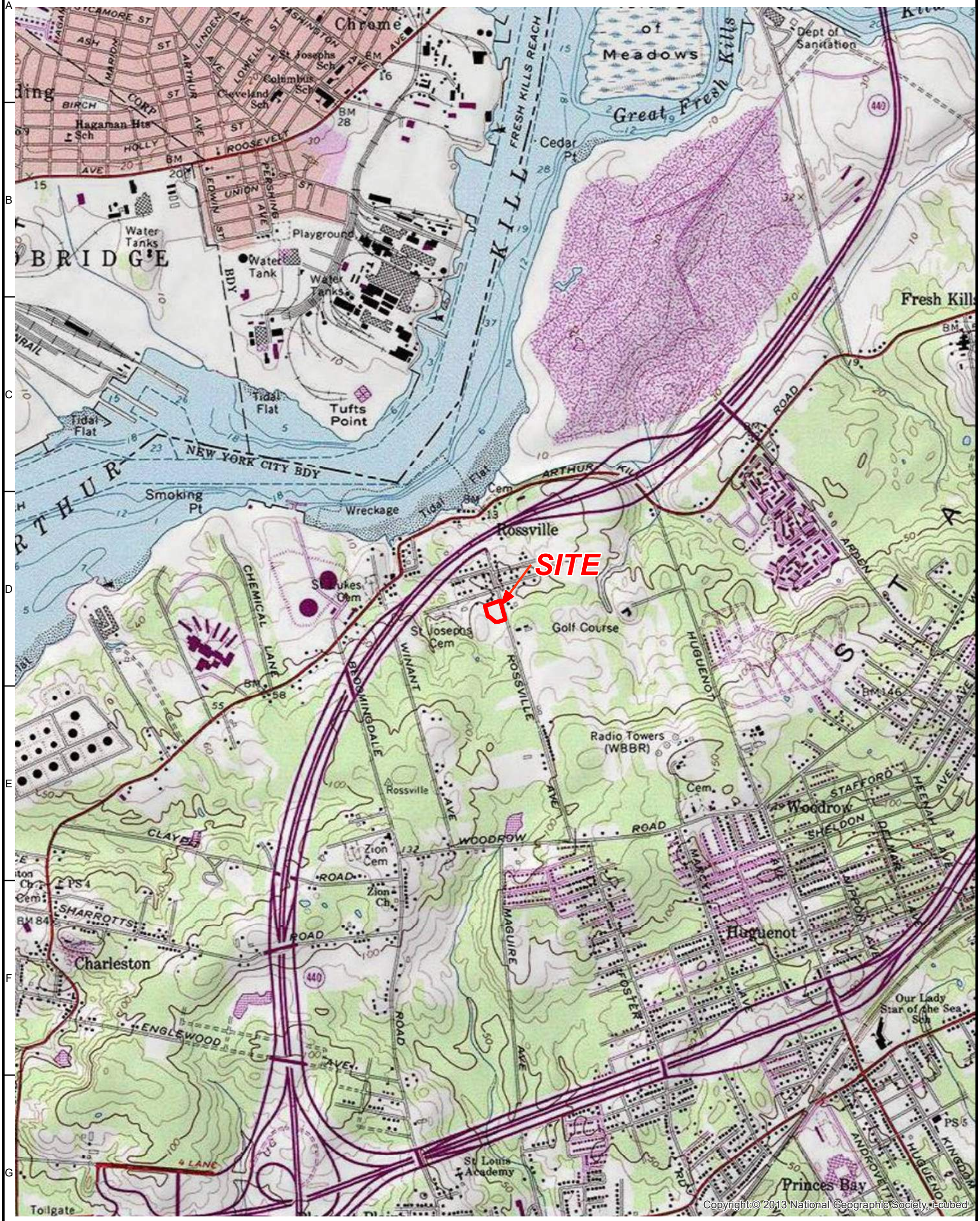
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

Langan distributed the Fact Sheet to all parties on the site contact list and provided copies of the draft RIWP to the repositories on 6 April 2021.

11. Miscellaneous Information

None



Notes:
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Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

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Monthly Progress Report No. 03
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: April 2021

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of April 2021.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/ commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan and the sub-slab depressurization system (SSDS) contractor mobilized to the Site on 26 April 2021 to begin SSDS installation activities as part of the January 2021 Interim Remedial Measures Work Plan (IRMWP) implementation.

Langan distributed the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP) Fact Sheet to all parties on the site contact list and provided copies of the draft RIWP to the repositories on 6 April 2021. The 30-day public comment period for the RIWP commenced on 8 April 2021 and will end on 8 May 2021.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan and the SSDS installation contractor will continue implementing the NYSDEC-approved IRMWP. Completion of SSDS installation activities is anticipated during mid- to late-May 2021.

The 30-day public comment period for the RIWP will end on 8 May 2021. Langan will prepare a certified, final draft of the RIWP following completion of the public comment period and formal approval by the NYSDEC.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 15% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

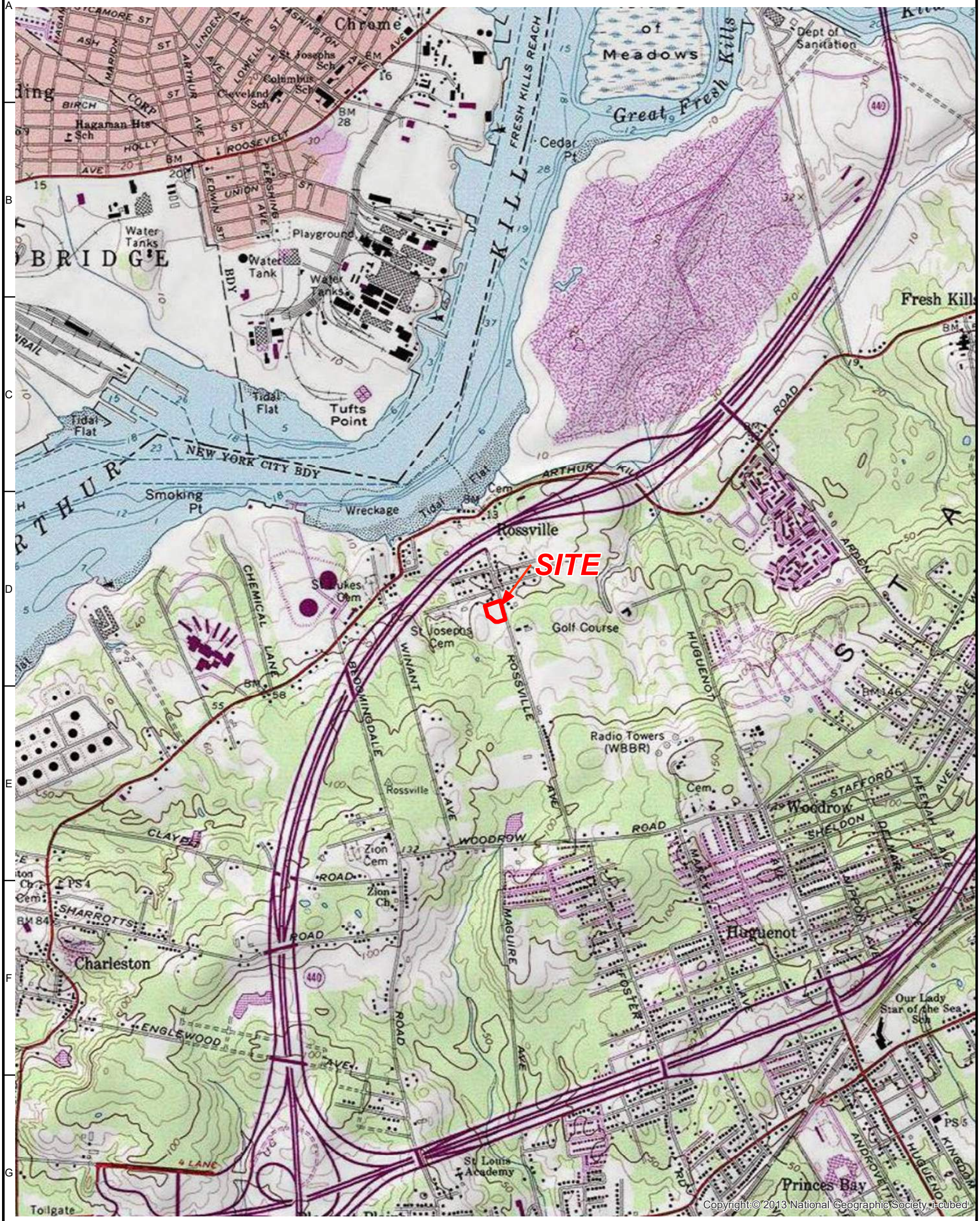
Langan distributed the NYSDEC-approved RIWP Fact Sheet to all parties on the site contact list and provided copies of the draft RIWP to the repositories on 6 April 2021. The 30-day public comment period for the RIWP commenced on 8 April 2021.

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

Upon approval of the RIWP, the final, certified RIWP will be issued and distributed to the public repositories.

11. Miscellaneous Information

None



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Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

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Monthly Progress Report No. 04
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: May 2021

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of May 2021.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/ commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan and the sub-slab depressurization system (SSDS) contractor continued SSDS installation activities as part of the January 2021 Interim Remedial Measures Work Plan (IRMWP) implementation. After completing the majority of the interior work, Langan and the SSDS contractor temporarily demobilized from the site on 28 May 2021 with plans to return and complete SSDS installation activities on the rooftop once a permit for rooftop work with the New York City Department of Buildings is pulled.

The 30-day public comment period for the Remedial Investigation Work Plan (RIWP) ended on 8 May 2021 and the RIWP was approved on 13 May 2021.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan and the SSDS installation contractor will remobilize to the site to continue implementing the NYSDEC-approved IRMWP. Completion of SSDS installation activities is anticipated in August.

The RIWP was approved on 13 May 2021. Langan will coordinate and schedule with the subcontractors required to implement the NYSDEC-approved RIWP, and Allied Rossville LLC will coordinate with the neighboring properties to obtain access for the off-site investigation scope. At this time, it is anticipated that the RI will commence in August.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 25% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

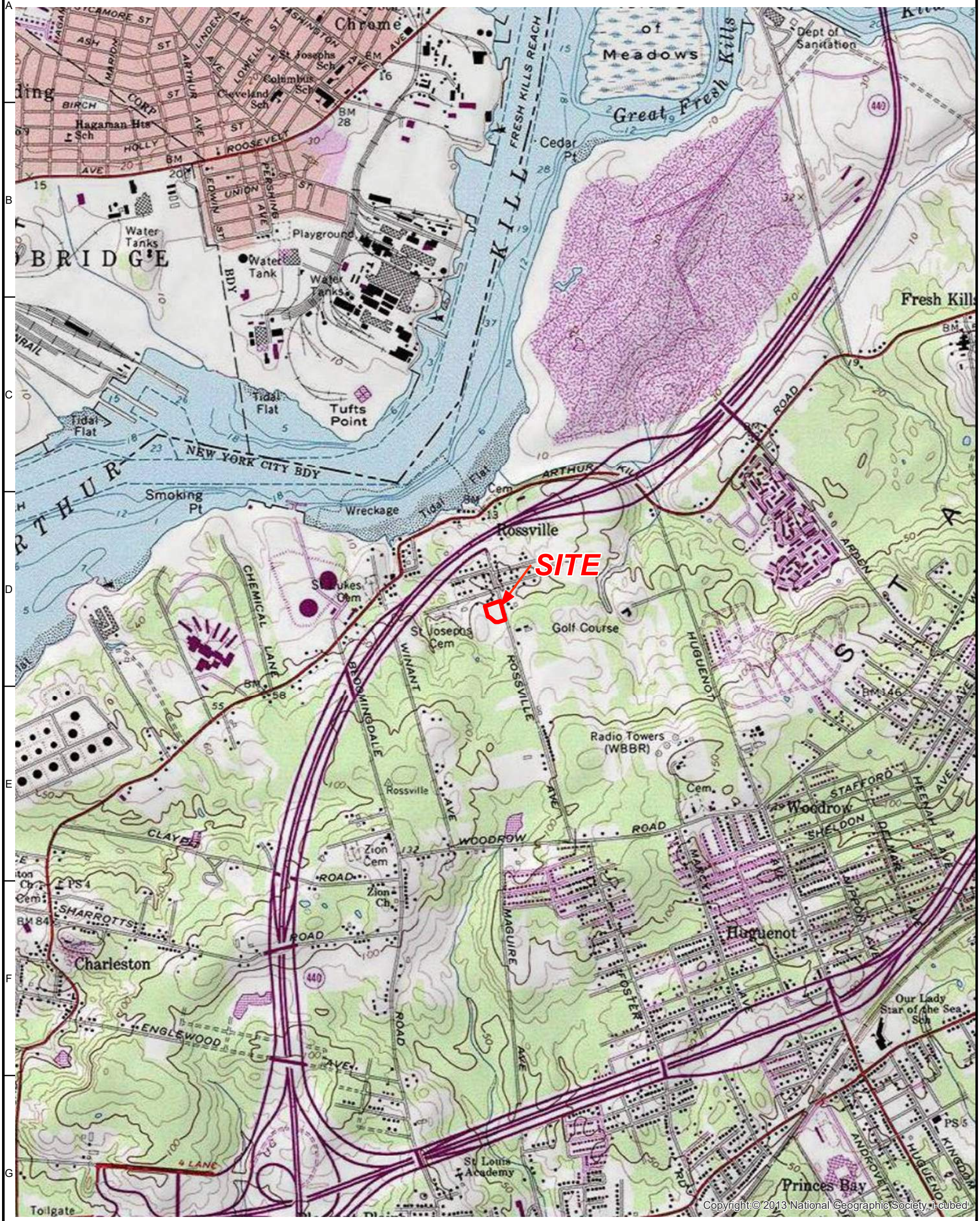
The 30-day public comment period for the RIWP ended on 8 May 2021.

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

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Monthly Progress Report No. 05
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: June 2021

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of June 2021.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/ commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

The sub-slab depressurization system (SSDS) contractor continued to coordinate with the New York City Department of Buildings in order to pull the required permit and commence rooftop work for SSDS installation completion.

Langan began to coordinate and schedule with the subcontractors to implement the NYSDEC-approved Remedial Investigation Work Plan (RIWP). At this time, it is anticipated that the RI will commence in August.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan and the SSDS installation contractor will remobilize to the site to continue implementing the NYSDEC-approved January 2021 Interim Remedial Measures Work Plan (IRMWP). Completion of SSDS installation activities is anticipated in August.

Langan will continue coordinating and scheduling with the subcontractors required to implement the NYSDEC-approved RIWP, and Allied Rossville LLC will continue coordinating with the neighboring properties to obtain access for the off-site investigation scope. At this time, it is anticipated that the RI will commence in August.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 25% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

The New York City Department of Buildings has not yet issued the required permit for the rooftop work, thus delaying SSDS installation completion.

9. Citizen Participation Plan Activities during This Reporting Period

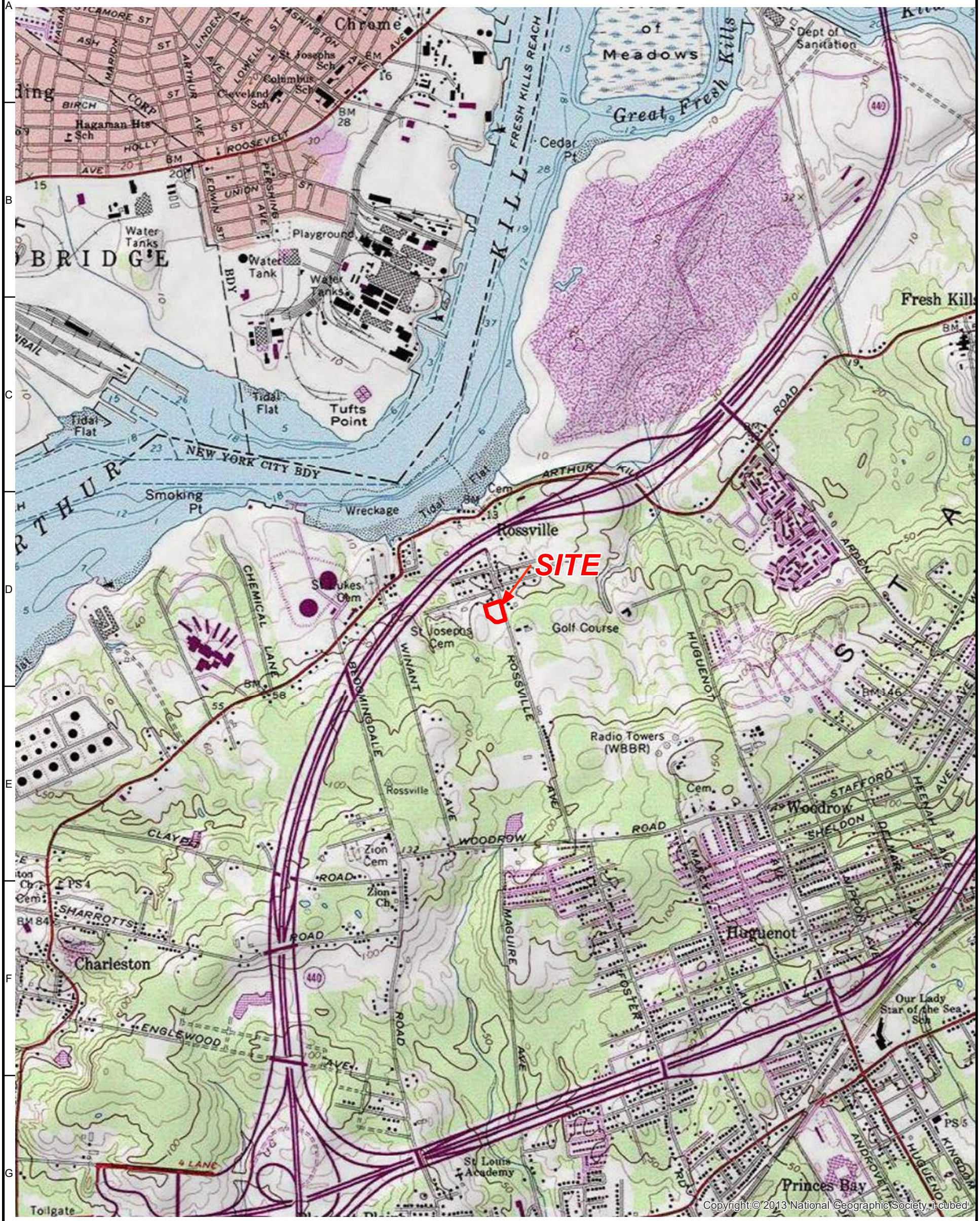
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
100849501	1
Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

Path: \\langan.com\data\PAR\data5\100849501\Project Data\ArcGIS\Export\PDF\Env_Figures\2020-02 Phase II Investigation\Figure 1 - Site Location Map.mxd Date: 2/25/2020 User: ibaker Time: 10:55:05 AM

Monthly Progress Report No. 06
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: July 2021

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of July 2021.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/ commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

The sub-slab depressurization system (SSDS) contractor continued to coordinate with the New York City Department of Buildings in order to pull the required permit and commence rooftop work for SSDS installation completion.

Langan continued to coordinate and schedule with the subcontractors to implement the NYSDEC-approved Remedial Investigation Work Plan (RIWP). At this time, it is anticipated that the RI will commence in September.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan and the SSDS installation contractor will remobilize to the site to continue implementing the NYSDEC-approved January 2021 Interim Remedial Measures Work Plan (IRMWP). Completion of SSDS installation activities is anticipated in September.

Langan will continue coordinating and scheduling with the subcontractors required to implement the NYSDEC-approved RIWP, and Allied Rossville LLC will continue coordinating with the neighboring properties to obtain access for the off-site investigation scope. At this time, it is anticipated that the RI will commence in September.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 25% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

The New York City Department of Buildings has not yet issued the required permit for the rooftop work, thus delaying SSDS installation completion.

9. Citizen Participation Plan Activities during This Reporting Period

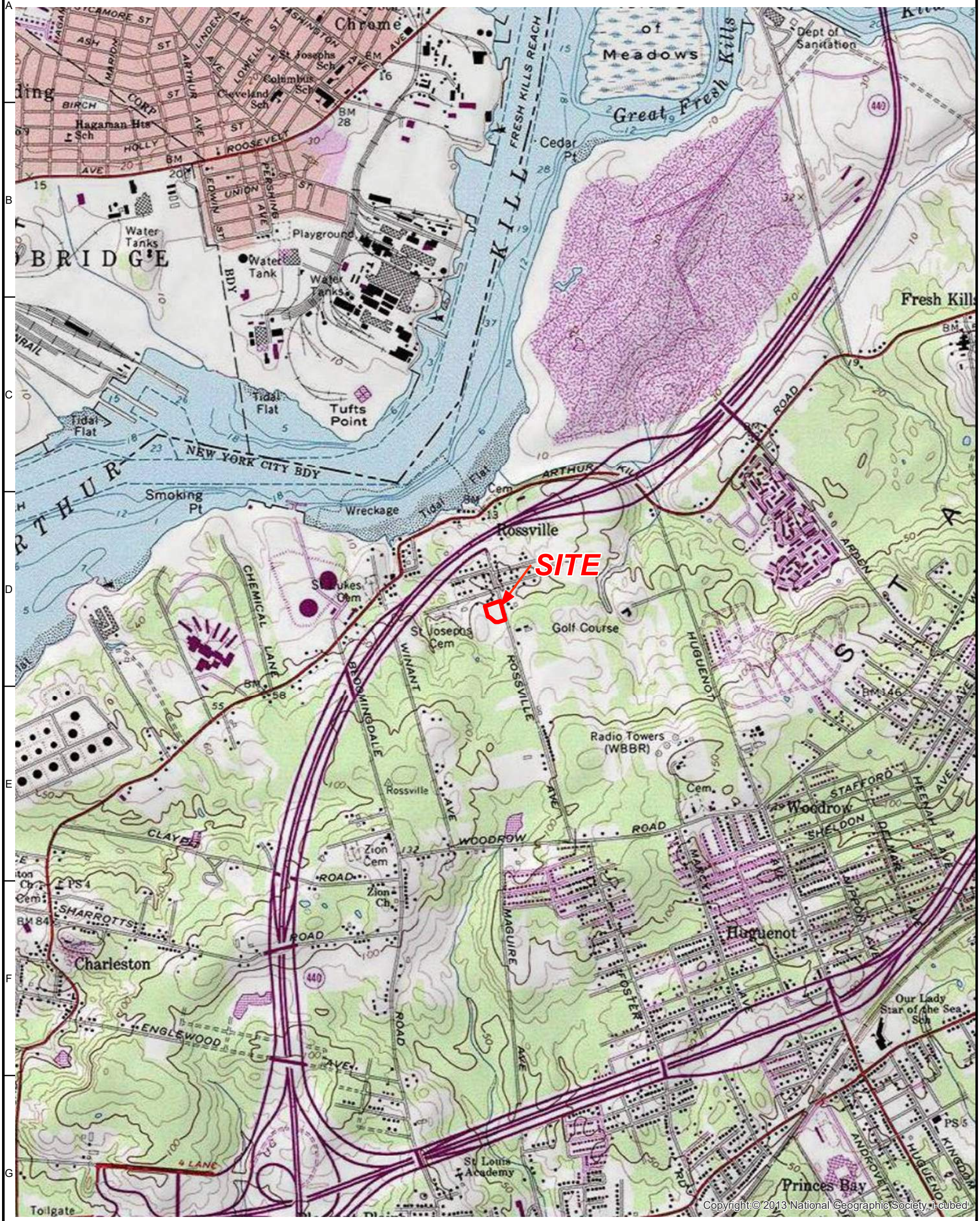
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

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Monthly Progress Report No. 07
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: August 2021

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of August 2021.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Allied MD Construction, LLC (associated with the Participant) pulled the required New York City Department of Buildings permit to allow for the rooftop work for the sub-slab depressurization system (SSDS) installation.

Langan continued to coordinate and schedule with the subcontractors to implement the NYSDEC-approved Remedial Investigation Work Plan (RIWP). At this time, the RI is scheduled to commence on 9 September 2021.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan and the SSDS installation contractor will remobilize to the site to continue implementing the NYSDEC-approved January 2021 Interim Remedial Measures Work Plan (IRMWP). Completion of SSDS installation activities is anticipated in early-October. The anticipated schedule for SSDS installation completion is as follows:

- 16 September 2021: Rooftop dunnage steel delivered to steel fabricator.
- Week of 20 September 2021: Steel fabricator constructs dunnage unit and SSDS installation contractor completes exterior rooftop piping.
- Week of 27 September 2021: Steel dunnage delivered to the site and installed.

Langan will continue coordinating and scheduling with the subcontractors required to implement the NYSDEC-approved RIWP, and Allied Rossville LLC will continue coordinating with the

neighboring properties to obtain access for the off-site investigation scope. The RI will commence on 9 September 2021 and is anticipated to be completed on 24 September 2021.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 25% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

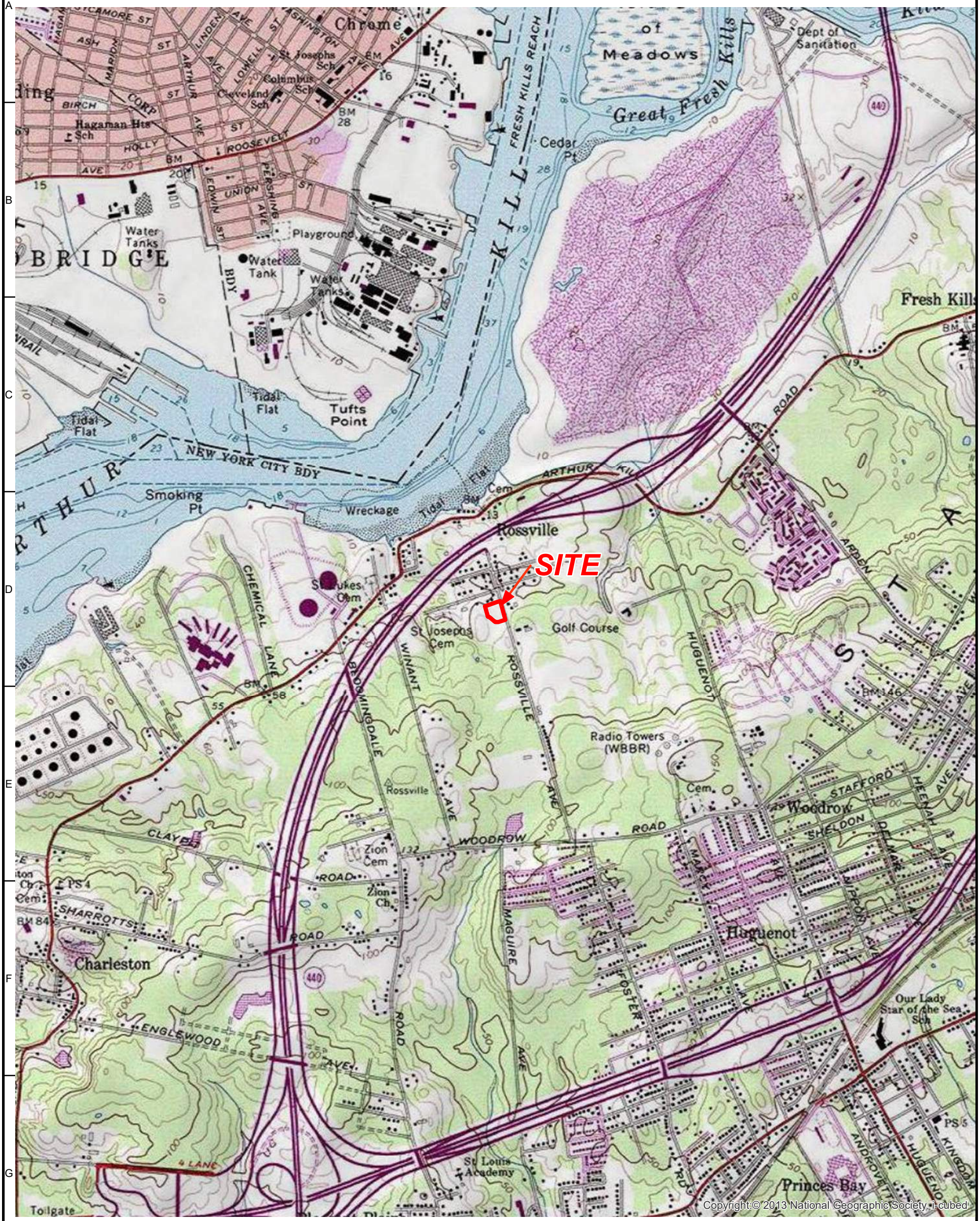
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

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Monthly Progress Report No. 08
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: September 2021

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of September 2021.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan and subcontractors mobilized to the site to implement the NYSDEC-approved Remedial Investigation Work Plan (RIWP) on 9 September 2021. The geophysical survey, catch basin/dry well/piping video inspections, soil boring installation, soil sampling, groundwater monitoring well installation and development, and 50% of the soil vapor point installation was completed between 9 and 24 September 2021.

The sub-slab depressurization system (SSDS) contractor and steel fabricator completed a site walk on 27 September 2021 in preparation for SSDS process equipment installation in accordance with the NYSDEC-approved Interim Remedial Measures Work Plan (IRMWP). The steel fabricator procured the rooftop dunnage steel on 16 September 2021 and began off-site fabrication of the dunnage.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan and the SSDS installation contractor will remobilize to the site to continue implementing the NYSDEC-approved IRMWP. Completion of SSDS installation activities is anticipated in mid-October. The anticipated schedule for SSDS installation completion is as follows:

- Week of 4 October 2021: SSDS installation contractor completes exterior rooftop piping.
- Week of 11 October 2021: Steel dunnage and SSDS process equipment delivered to the site and installed.
- Week of 18 October 2021: SSDS startup/shakedown activities completed.

Langan will remobilize to the site to re-install soil vapor points and collect groundwater and soil vapor samples on 1 October 2021 and through the week of 4 October 2021 to complete implementation of the NYSDEC-approved RIWP. Completion of the RI is anticipated on 7 October 2021.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 30% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

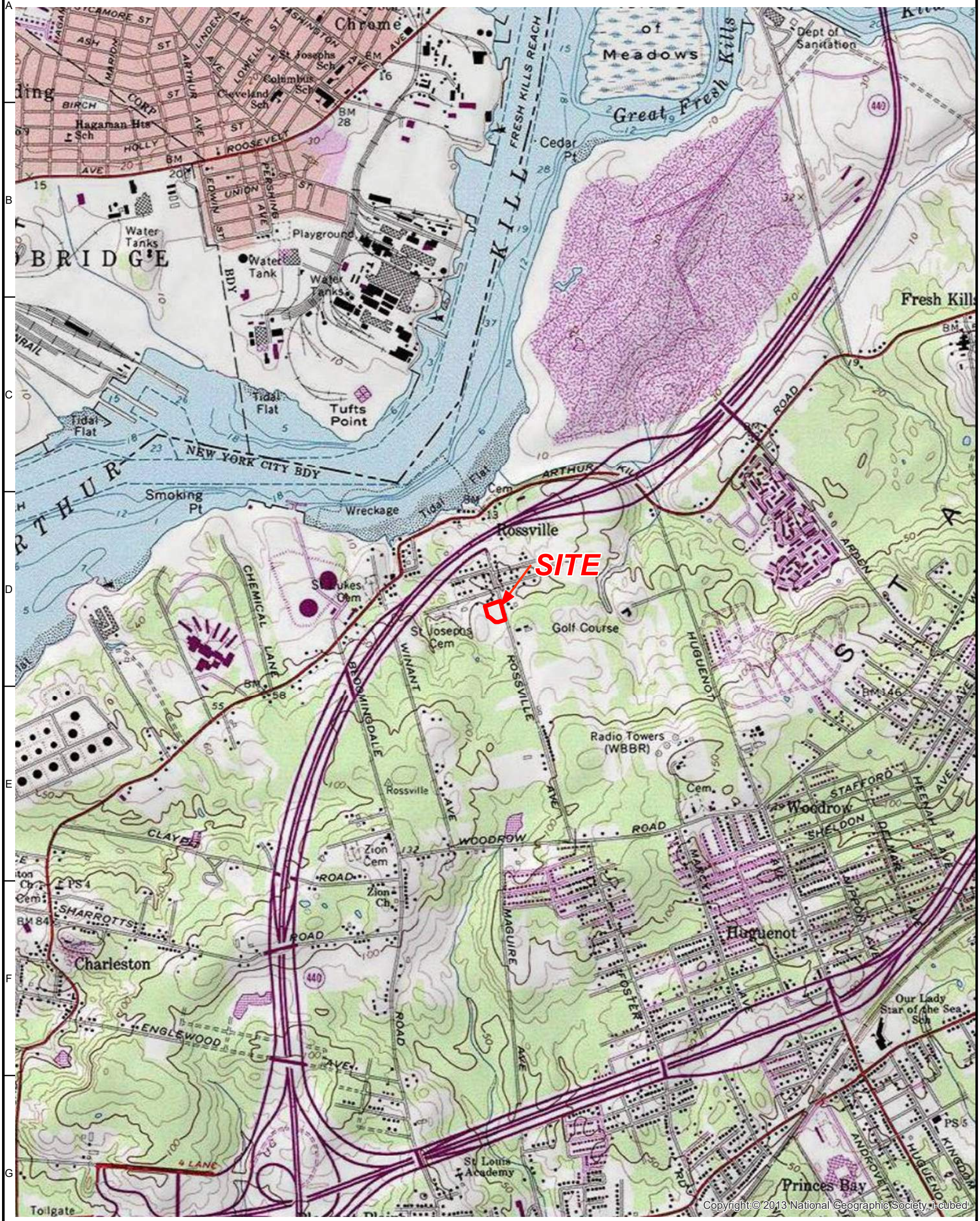
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

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Monthly Progress Report No. 09
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: October 2021

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of October 2021.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan continued to implement the NYSDEC-approved Remedial Investigation Work Plan (RIWP). The remaining 50% of soil vapor points were installed and all soil vapor and groundwater samples were collected between 1 and 7 October 2021.

The sub-slab depressurization system (SSDS) contractor and steel fabricator completed installation of the rooftop dunnage system between 11 and 27 October 2021 in preparation for SSDS process equipment mounting. The SSDS contractor also installed the majority of exterior rooftop-mounted subheader piping for SSDS installation on 27 and 28 October 2021. All work was performed in accordance with the NYSDEC-approved Interim Remedial Measures Work Plan (IRMWP).

Langan received all analytical results from the Remedial Investigation (RI) and subsequently began validating the data.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan and the SSDS installation contractor will remobilize to the site to continue implementing the NYSDEC-approved IRMWP. Completion of SSDS installation activities is anticipated in mid-November. The anticipated schedule for SSDS installation completion is as follows:

- Week of 8 November 2021: SSDS installation contractor completes exterior rooftop piping and SSDS process equipment is delivered to the site and installed.

- Week of 15 November 2021: Electrical connection to the SSDS process equipment and SSDS startup/shakedown activities completed.

Langan is preparing the Remedial Investigation Report (RIR) for NYSDEC submission in December.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

Data tables for submission with the RIR are currently being generated. It is anticipated that the final validated data tables will be completed and submitted to NYSDEC in mid-November prior to submission of the forthcoming RIR.

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 35% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

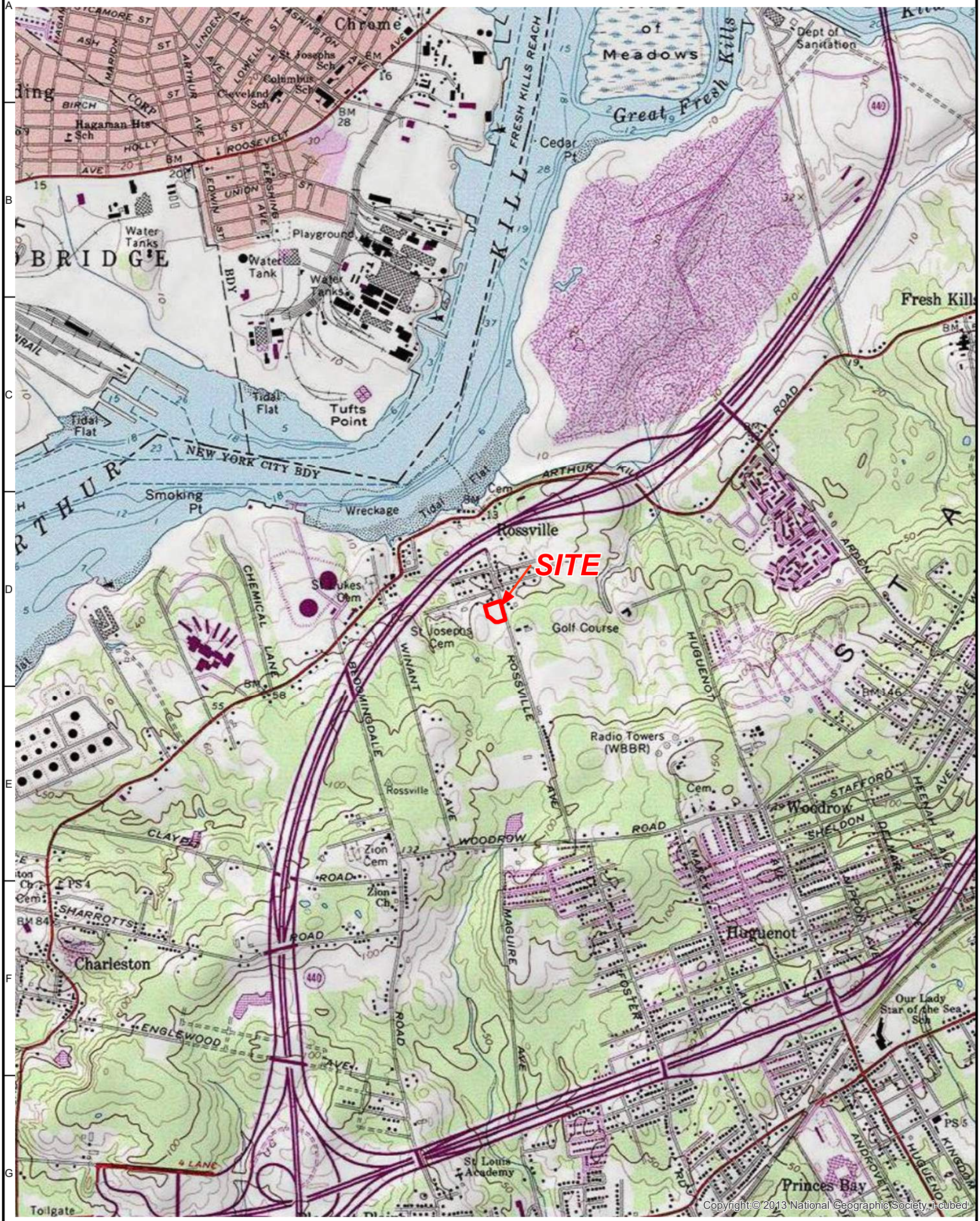
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
100849501	1
Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

Path: \\langan.com\data\PAR\data5\100849501\Project Data\ArcGIS\Export\PDF\Env_Figures\2020-02 Phase II Investigation\Figure 1 - Site Location Map.mxd Date: 2/25/2020 User: ibaker Time: 10:55:05 AM

Monthly Progress Report No. 10
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: November and December 2021

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the months of November and December 2021.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

The sub-slab depressurization system (SSDS) contractor mobilized the SSDS process equipment and mounted it to the rooftop dunnage system on 18 November 2021. The SSDS contractor also completed installation of the exterior rooftop-mounted subheader piping for SSDS installation between 18 and 30 November 2021. All work was performed in accordance with the NYSDEC-approved Interim Remedial Measures Work Plan (IRMWP).

Langan completed validation of all analytical results from the Remedial Investigation (RI) on 5 November 2021 and continued drafting the Remedial Investigation Report (RIR).

Langan completed a preliminary discussion with NYSDEC regarding Remedial Action Work Plan (RAWP) approach on 30 November 2021 and subsequently began designing a pilot test program for inclusion in the forthcoming RAWP.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan, the SSDS installation contractor, and a New York City licensed electrician will remobilize to the site to continue implementing the NYSDEC-approved IRMWP. Completion of SSDS installation activities is anticipated in early January. The anticipated schedule for SSDS installation completion is as follows:

- Week of 20 and 27 December 2021: Electrical connection to the SSDS process equipment.

- Week of 3 January 2021: SSDS startup/shakedown activities completed.

Langan is preparing the RIR for NYSDEC submission in January.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

Draft validated data tables were generated and sent to NYSDEC on 23 November 2021. Data tables for submission with the RIR are currently being finalized. The final validated data tables will be completed and submitted to NYSDEC with the forthcoming RIR.

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 40% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

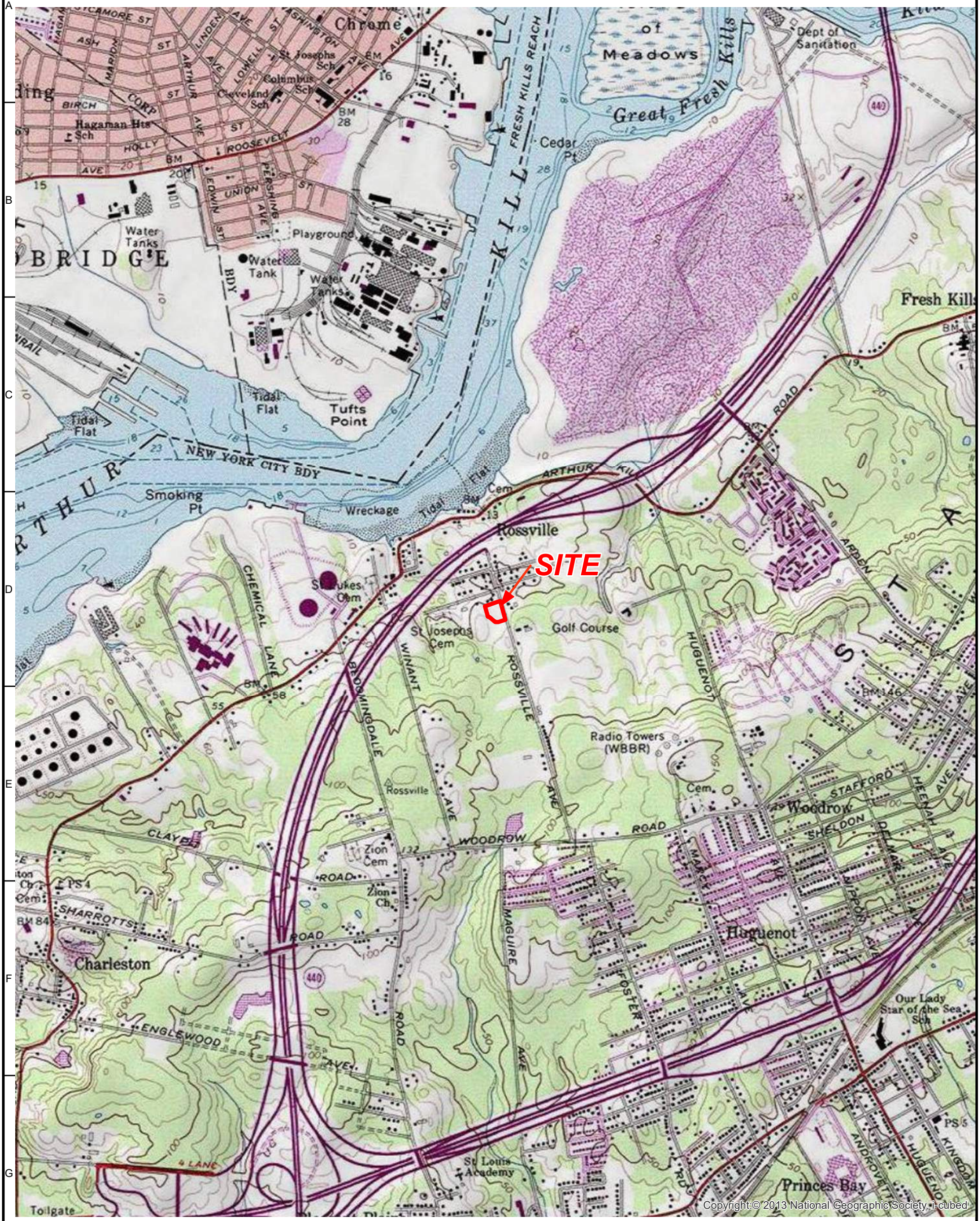
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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Project
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RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
100849501	1
Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

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Monthly Progress Report No. 12
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: February 2022

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of February 2022.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan submitted the Remedial Investigation Report (RIR) to NYSDEC on 4 February 2022, and continued drafting the Remedial Action Work Plan (RAWP).

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan and the sub-slab depressurization system (SSDS) installation contractor will remobilize to the site to continue implementing the NYSDEC-approved IRMWP. Completion of SSDS installation activities, including exterior piping insulation installation and SSDS shakedown/startup activities, is anticipated in March.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

The final validated data tables for analytical samples collected during the Remedial Investigation were completed and submitted to NYSDEC with the draft RIR on 4 February 2022.

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

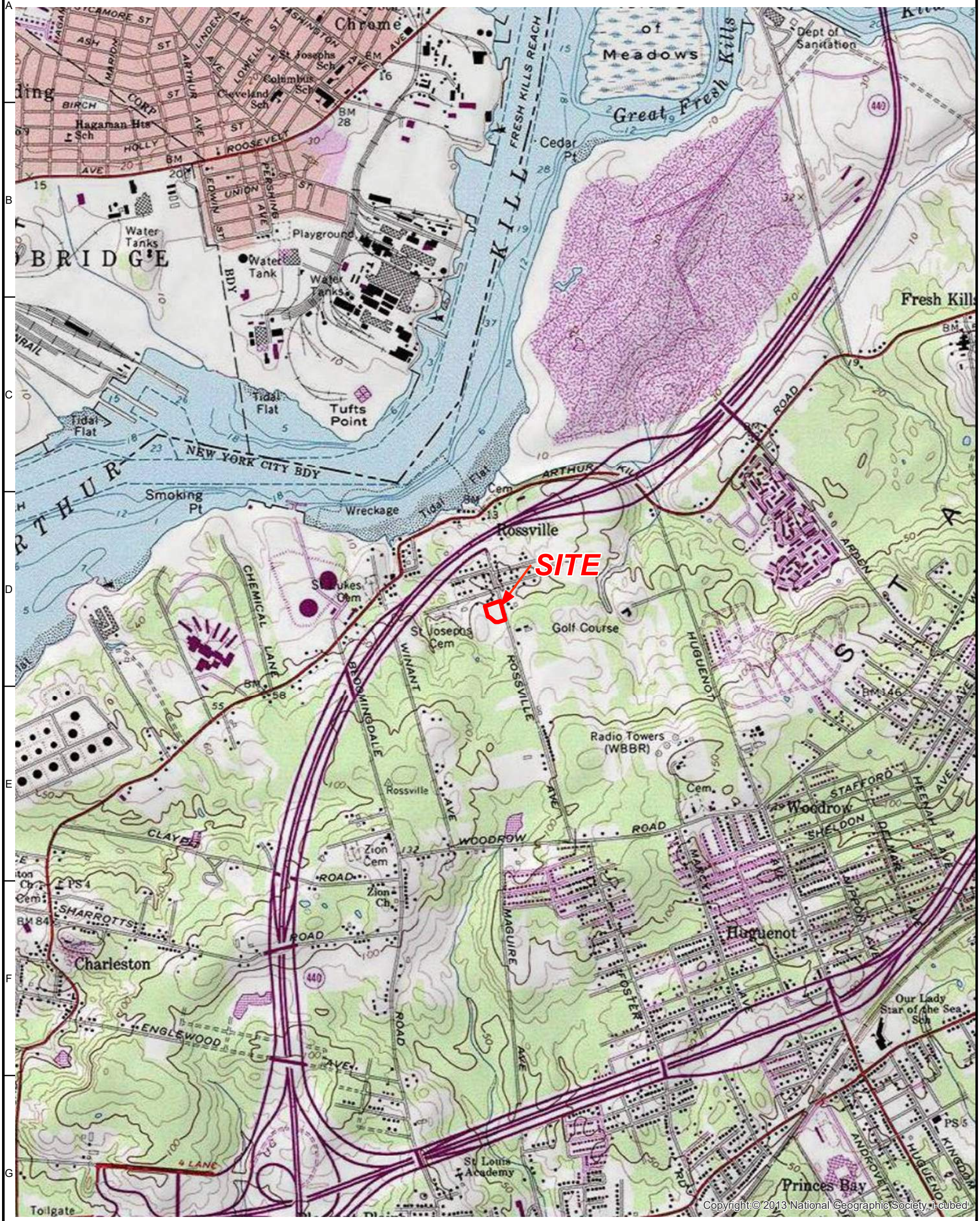
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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Langan Engineering & Environmental Services, Inc.
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Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
100849501	1
Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

Path: \\langan.com\data\PAR\data5\100849501\Project Data\ArcGIS\Export\PDF\Env_Figures\2020-02 Phase II Investigation\Figure 1 - Site Location Map.mxd Date: 2/25/2020 User: ibaker Time: 10:55:05 AM

Monthly Progress Report No. 13
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: March 2022

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of March 2022.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan and the sub-slab depressurization system (SSDS) installation contractor remobilized to the site to continue implementing the NYSDEC-approved Interim Remedial Measures Work Plan (IRMWP). SSDS installation activities, including exterior piping insulation installation and SSDS shakedown/startup activities, was completed on 16 March 2022 and an additional inspection was completed on 23 March 2022 to optimize the system.

Langan continued drafting the Remedial Action Work Plan (RAWP).

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan will remobilize to the site to continue implementing the NYSDEC-approved IRMWP in April and perform the one-month post-startup soil vapor and indoor air sampling and inspection.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

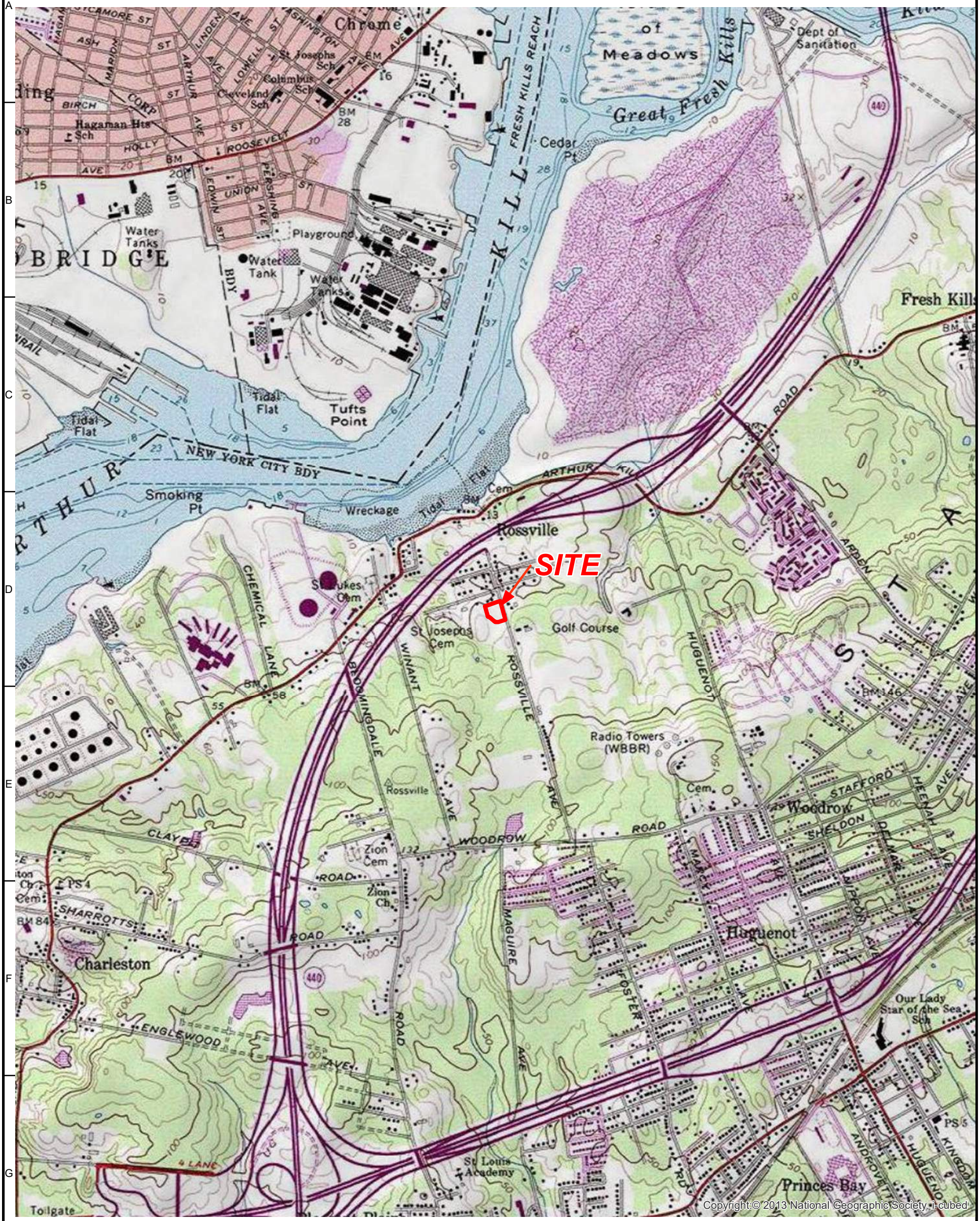
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
100849501	1
Date: 2/25/2020	
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Monthly Progress Report No. 14
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: April 2022

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of April 2022.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan remobilized to the site to continue implementing the NYSDEC-approved Interim Remedial Measures Work Plan (IRMWP) and perform the sub-slab depressurization system (SSDS), one-month post-startup soil vapor and indoor air sampling and inspection.

Langan continued drafting the Remedial Action Work Plan (RAWP) and Construction Completion Report (CCR).

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan will validate and review the results of the post-startup soil vapor and indoor air sampling and continue to perform monthly SSDS operation, maintenance, and monitoring (OM&M) activities.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

The one-month post-startup soil vapor and indoor air sampling results are being validated and reviewed.

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

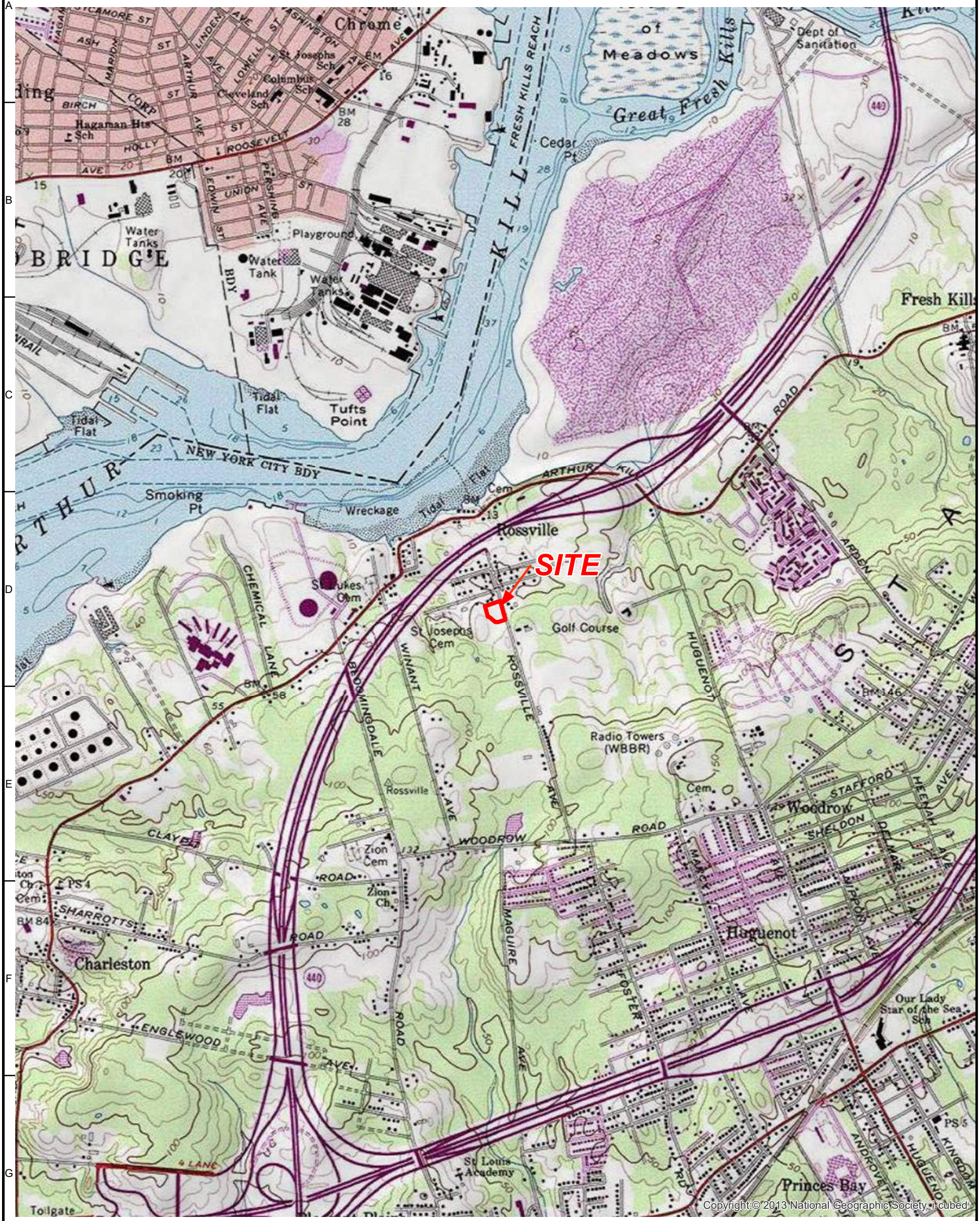
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
100849501	1
Date: 2/25/2020	
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Monthly Progress Report No. 15
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: May 2022

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of May 2022.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan submitted the draft Remedial Action Work Plan (RAWP) to NYSDEC on 18 May 2022.

Langan remobilized to the site to perform the second monthly sub-slab depressurization system (SSDS) operation, maintenance, and monitoring (OM&M) inspection. Langan continued drafting the Construction Completion Report (CCR) for the SSDS.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan will continue to perform monthly SSDS OM&M activities.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

Langan submitted the draft RAWP to NYSDEC on 18 May 2022.

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

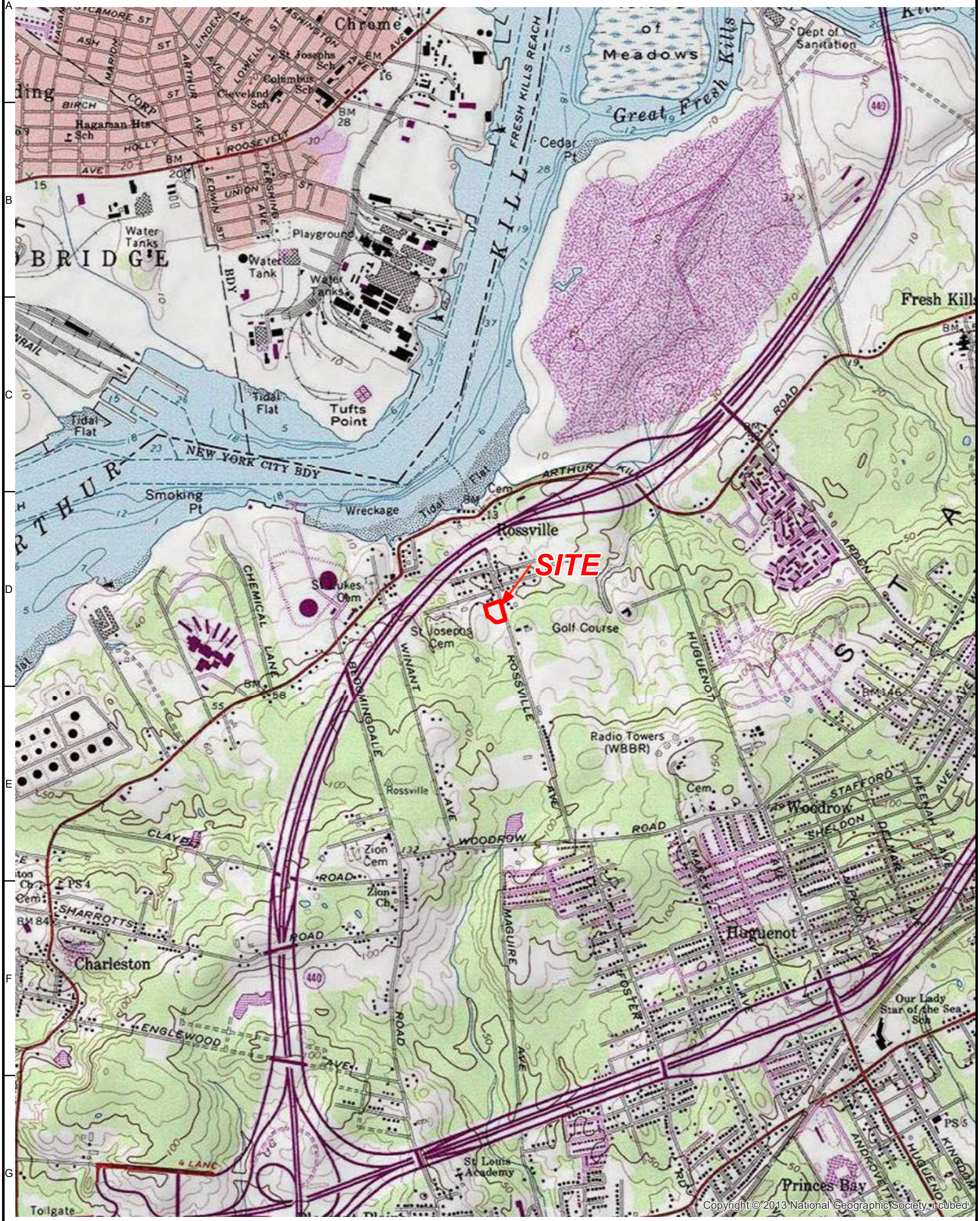
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
100849501	1
Date: 2/25/2020	
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Monthly Progress Report No. 16
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: June 2022

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of June 2022.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan remobilized to the site to perform the third monthly sub-slab depressurization system (SSDS) operation, maintenance, and monitoring (OM&M) inspection. Langan continued drafting the Construction Completion Report (CCR) for the SSDS.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan will continue to perform monthly SSDS OM&M activities.

Langan will address NYSDEC comments to the draft Remedial Investigation Report (RIR) and Remedial Action Work Plan (RAWP), when received.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

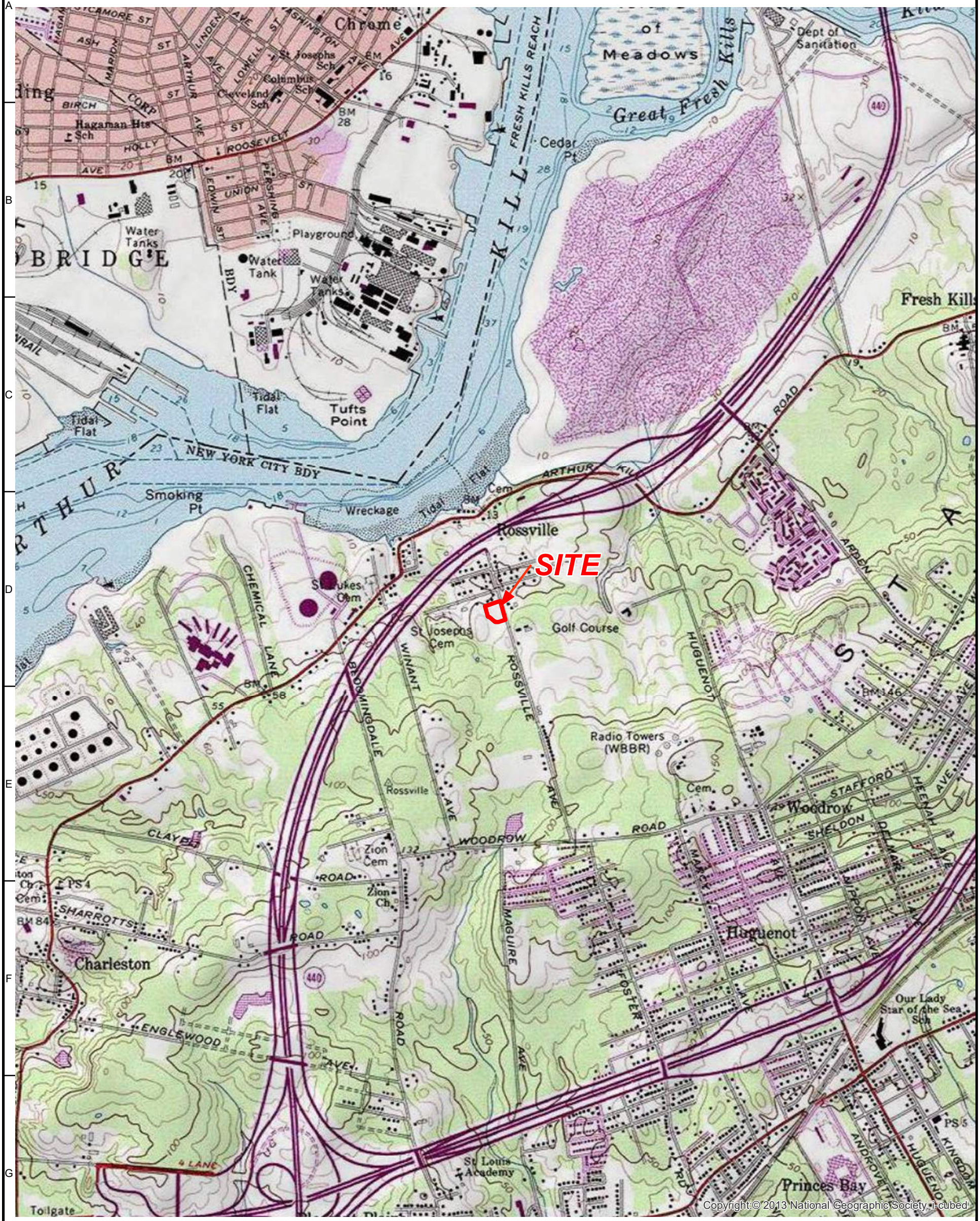
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

A Fact Sheet will be prepared for the RAWP and distributed once NYSDEC comments are received.

11. Miscellaneous Information

None



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Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
100849501	1
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Monthly Progress Report No. 17
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: July 2022

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of July 2022.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan remobilized to the site to perform the fourth monthly sub-slab depressurization system (SSDS) operation, maintenance, and monitoring (OM&M) inspection. Langan continued drafting the Construction Completion Report (CCR) for the SSDS.

Langan met with NYSDEC on 29 July 2022 to discuss the Department's preliminary feedback on the draft 18 May 2022 Remedial Action Work Plan (RAWP), and began evaluating potential soil remedial actions.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan will continue to perform monthly SSDS OM&M activities and will submit the draft CCR to NYSDEC.

Langan will continue to evaluate potential soil remedial actions and begin revising the RAWP.

Langan will address NYSDEC comments to the draft Remedial Investigation Report (RIR) when received.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

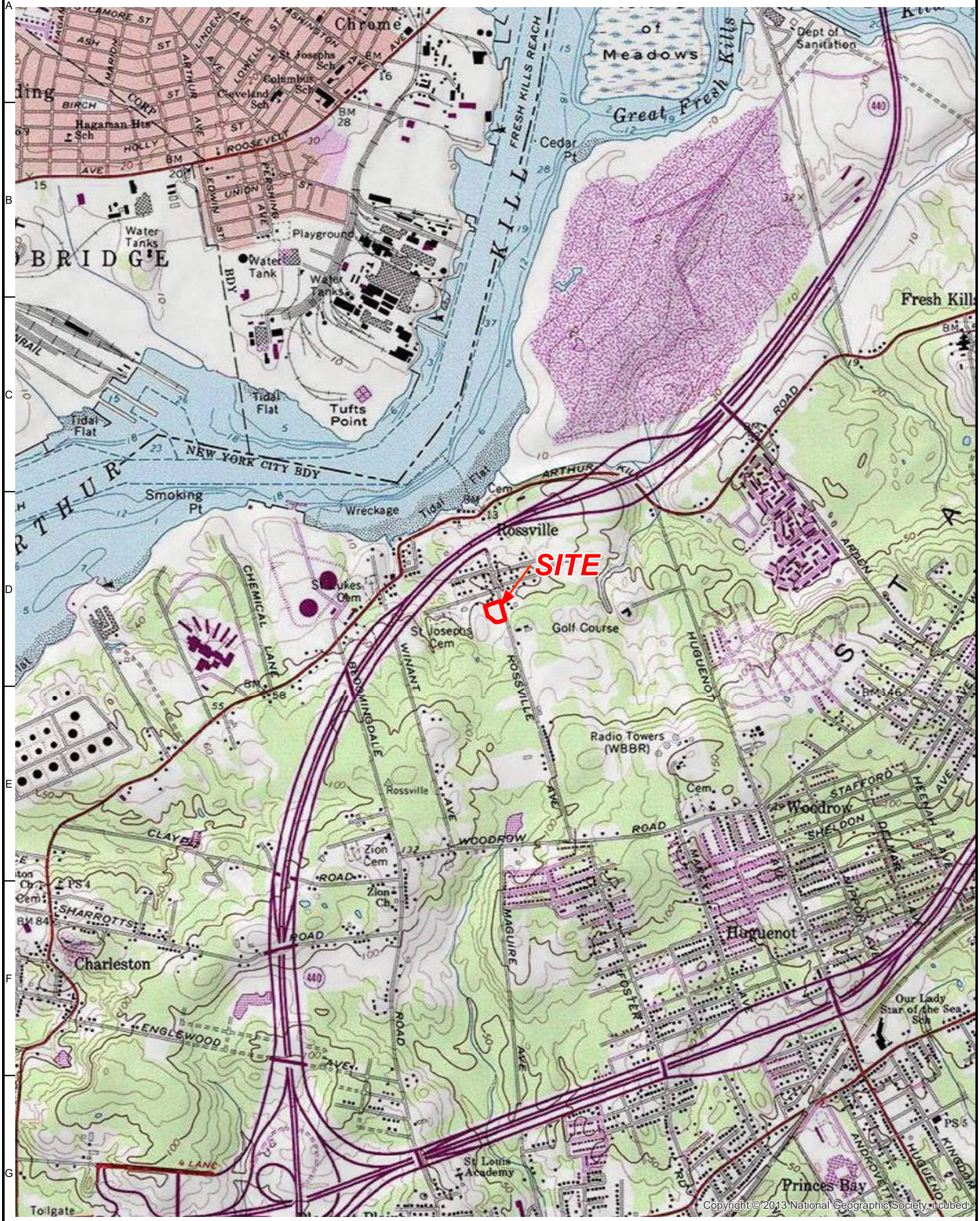
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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Project
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RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
100849501	1
Date: 2/25/2020	
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Monthly Progress Report No. 18
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: August 2022

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of August 2022.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan remobilized to the site to perform the fifth monthly sub-slab depressurization system (SSDS) operation, maintenance, and monitoring (OM&M) inspection. Langan continued drafting the Construction Completion Report (CCR) for the SSDS.

Langan evaluated potential soil remedial actions to be included in the revised Remedial Action Work Plan (RAWP).

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan will continue to perform monthly SSDS OM&M activities and will submit the draft CCR to NYSDEC.

Langan will continue to evaluate potential soil remedial actions and begin revising the RAWP.

Langan will address NYSDEC comments to the draft Remedial Investigation Report (RIR) when received.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

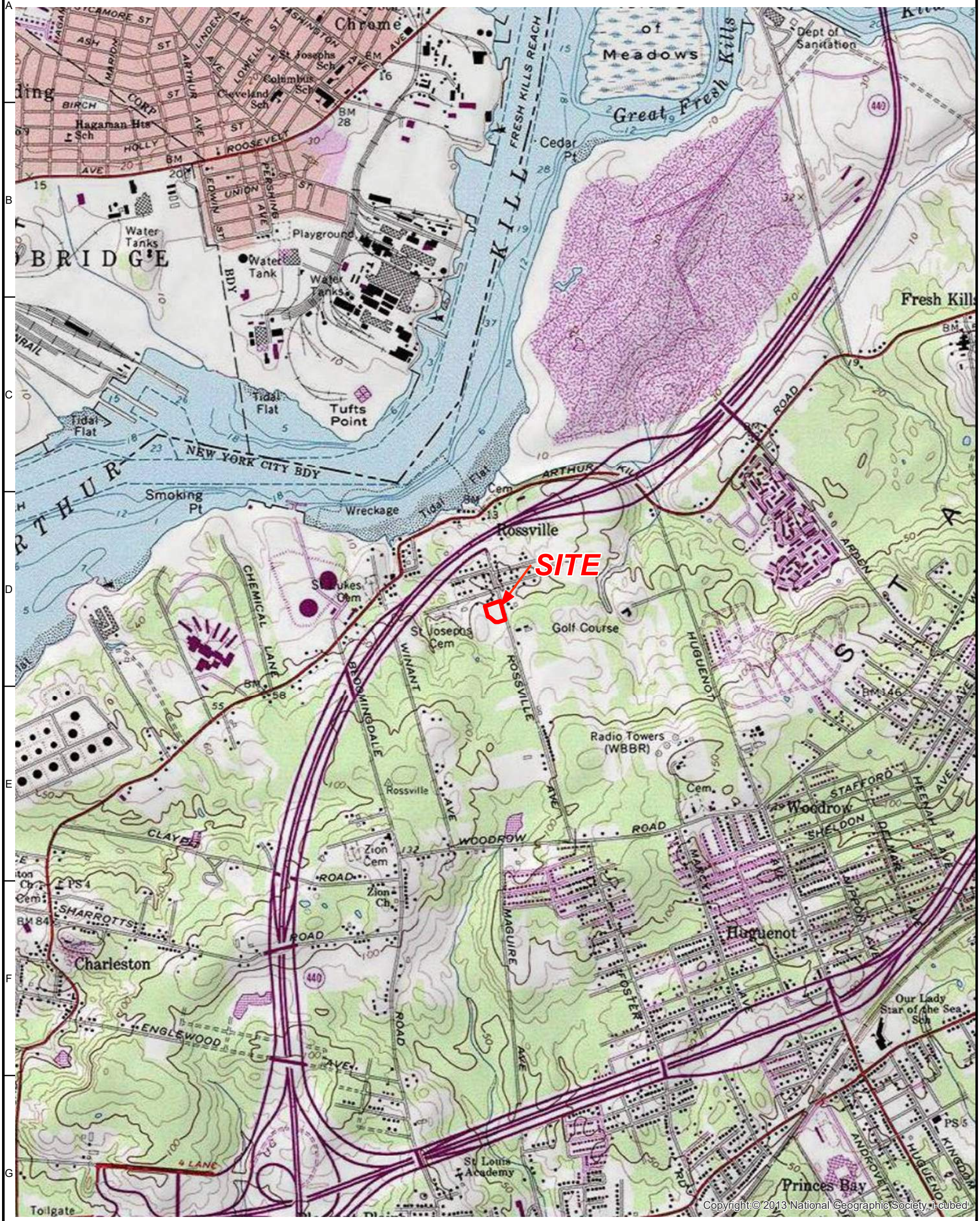
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Monthly Progress Report No. 19
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: September 2022

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of September 2022.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan remobilized to the site to perform the sixth monthly sub-slab depressurization system (SSDS) operation, maintenance, and monitoring (OM&M) inspection. Langan continued drafting the Construction Completion Report (CCR) for the SSDS.

Langan evaluated potential soil remedial actions to be included in the revised Remedial Action Work Plan (RAWP), and prepared and submitted a Supplemental Remedial Investigation Work Plan (SRIWP) on 13 September 2022.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan will continue to perform monthly SSDS OM&M activities and will submit the draft CCR to NYSDEC.

Langan will address NYSDEC comments to the draft Remedial Investigation Report (RIR) and SRIWP when received.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

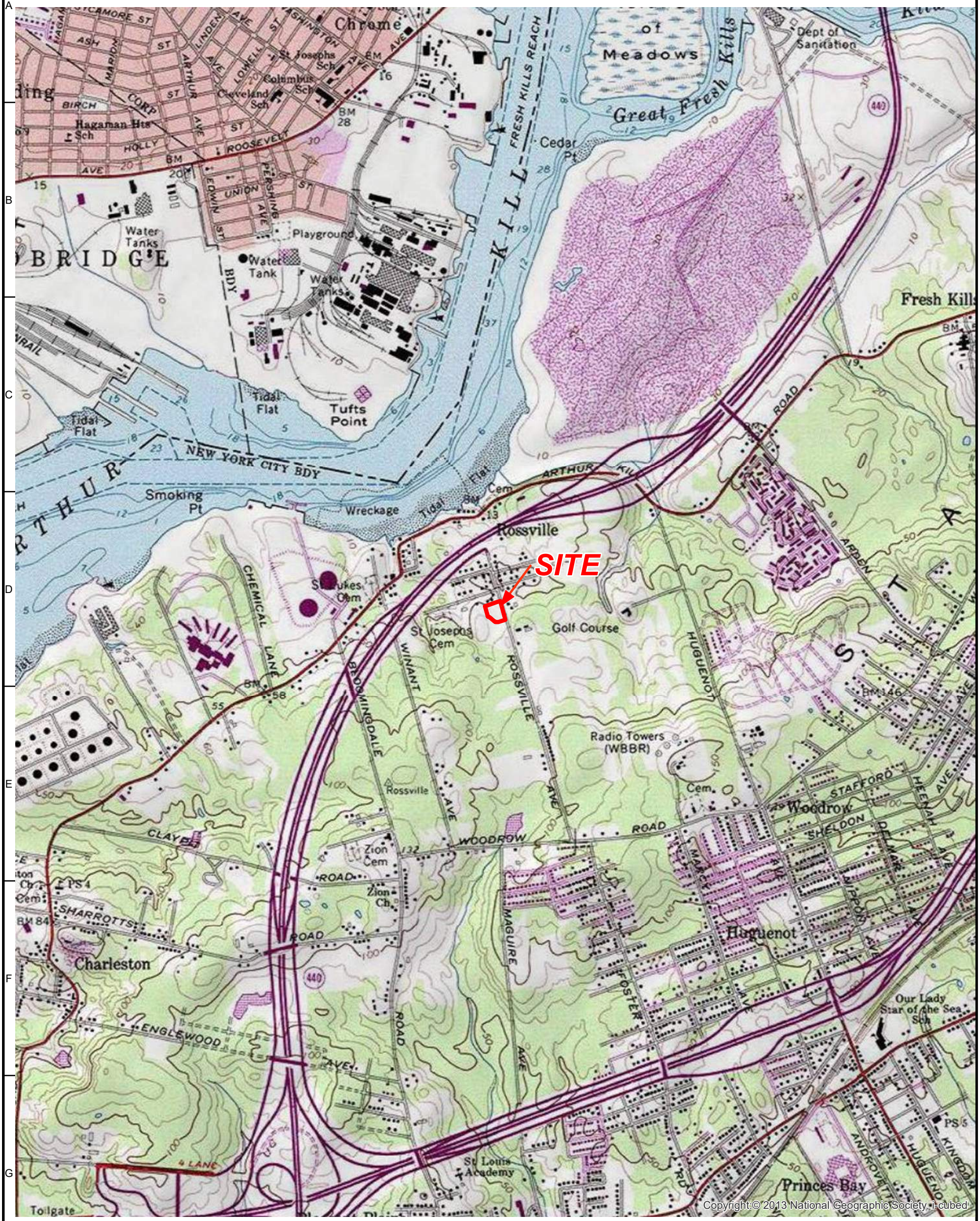
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



Notes:
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Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
100849501	1
Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

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Monthly Progress Report No. 20
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: October 2022

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of October 2022.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan remobilized to the site to perform the seventh and final monthly sub-slab depressurization system (SSDS) operation, maintenance, and monitoring (OM&M) inspection. Langan continued drafting the Construction Completion Report (CCR) for the SSDS.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

The Supplemental Remedial Investigation Work Plan (SRIWP) previously submitted to NYSDEC on 13 September 2022 was approved by NYSDEC on 1 November 2022. Langan will complete the SRI on 21 to 23 November 2022.

Langan will submit the draft CCR to NYSDEC. Quarterly SSDS OM&M inspections will resume in January 2023.

Langan will address NYSDEC comments to the draft Remedial Investigation Report (RIR) when received.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

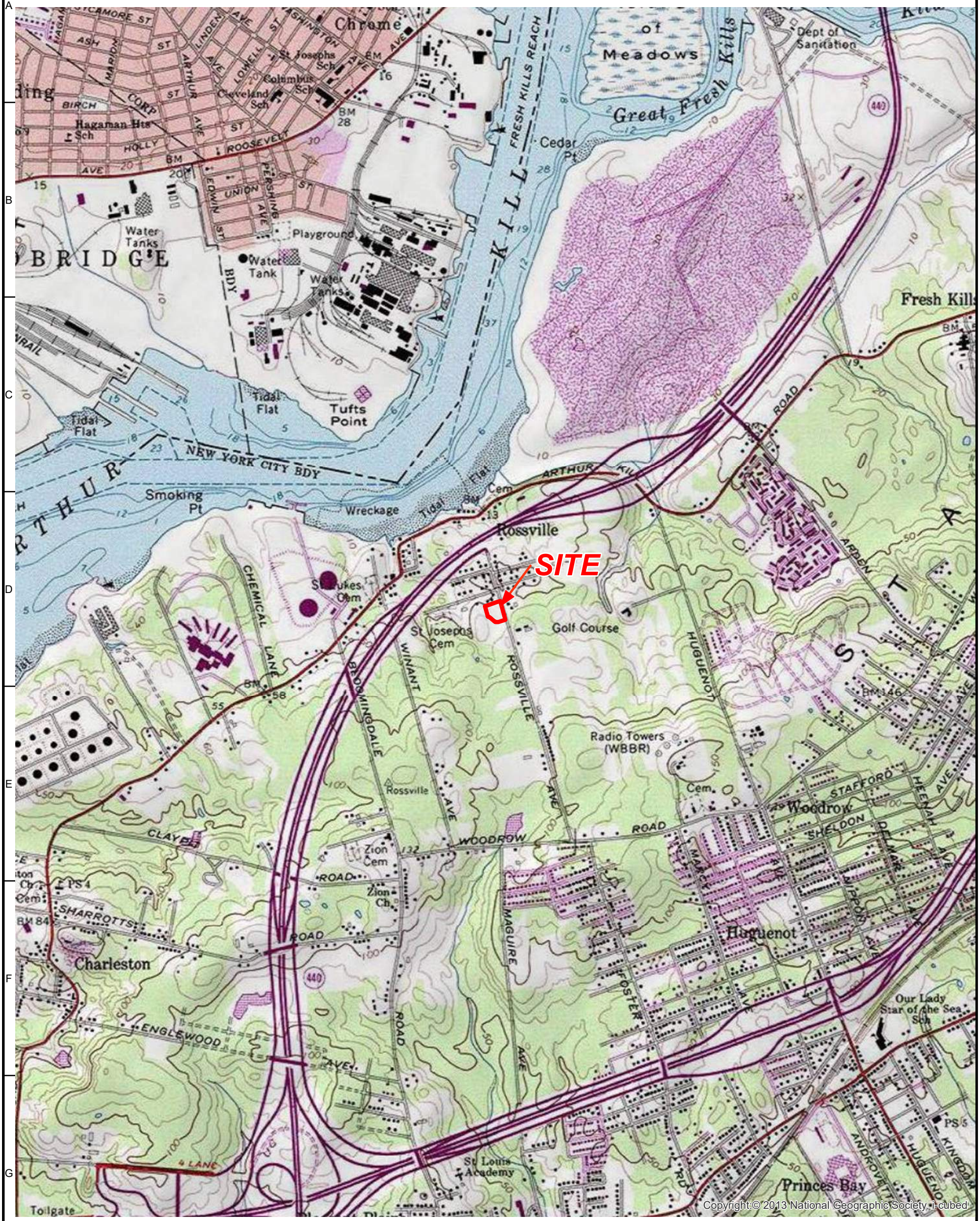
None for October 2022. The final SRIWP was provided to the repositories on 2 November 2022.

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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Project
990-1026 ROSSVILLE AVENUE
BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Monthly Progress Report No. 21
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: November 2022

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of November 2022.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan mobilized to the site to perform the Supplemental Remedial Investigation (SRI) to delineate chlorinated volatile organic compound (CVOC) impacts in the alley to the west of the former dry cleaner on 21 to 23 November.

Langan continued drafting the Construction Completion Report (CCR) for the sub-slab depressurization system (SSDS).

3. Actions Relative to the Site Anticipated for the Next Reporting Period

The SRI analytical results will be reviewed, validated, and incorporated into a revised draft of the Remedial Action Work Plan (RAWP).

Langan will submit the draft CCR to NYSDEC. Quarterly SSDS operation, maintenance, and monitoring (OM&M) inspections will resume in January 2023.

Langan will address NYSDEC comments to the draft Remedial Investigation Report (RIR) when received.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None. SRI results will be received in December 2022.

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

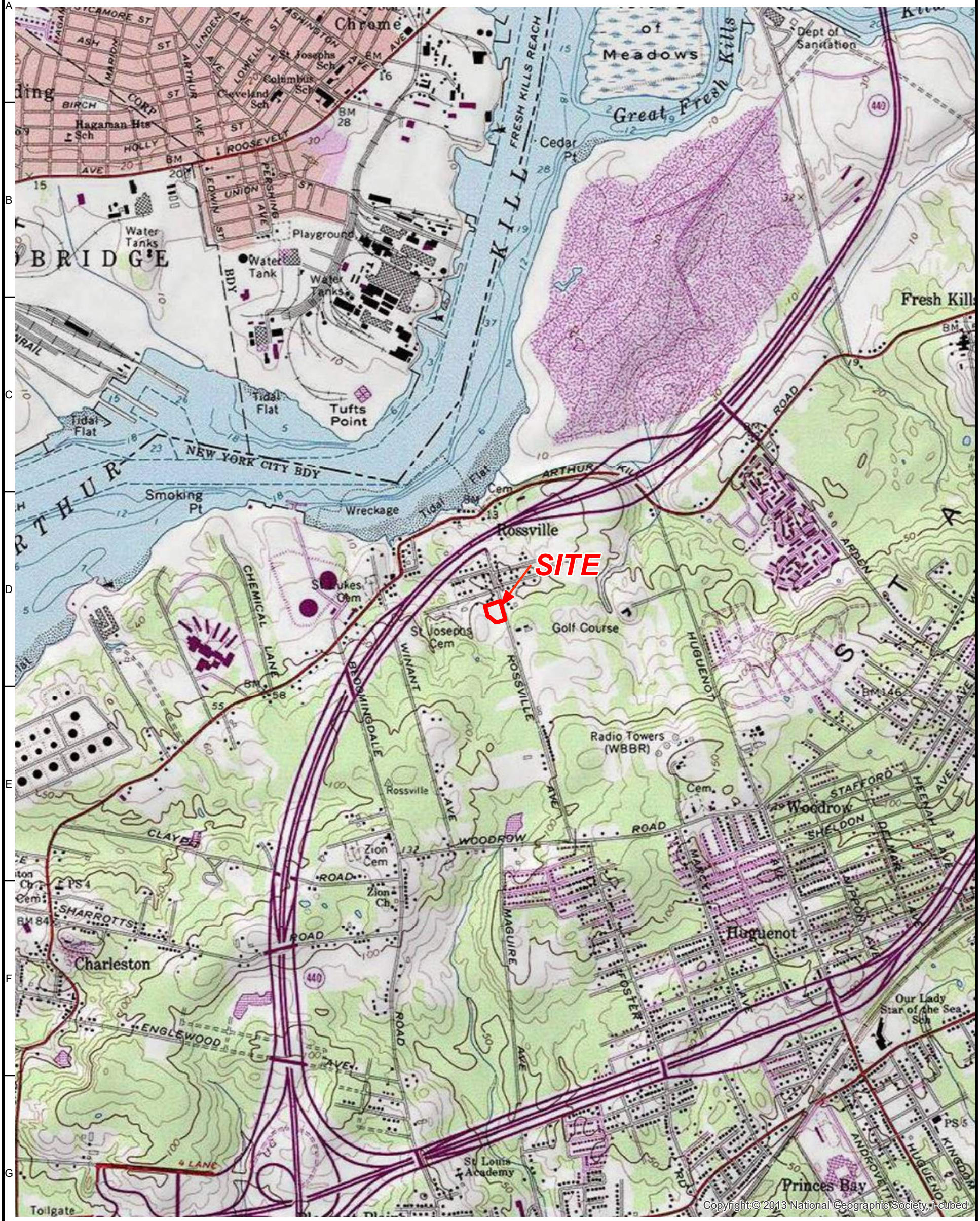
The final SRIWP was provided to the repositories on 2 November 2022.

10. Activities Anticipated in Support of the CPP for the Next Reporting Period:

None

11. Miscellaneous Information

None



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Project
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BLOCK No. 7054, LOT No. 518
CITY OF STATEN ISLAND
RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Monthly Progress Report No. 22
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: December 2022

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of December 2022.

The ±66,700-square-foot site is located at 990-1026 Rossville Avenue in Staten Island, New York and is identified as Block 7054, Lot 518 on the New York City Tax Map. The Site is bound to the north by three two-story residential buildings, to the east by Rossville Avenue followed by a two-story mixed-use residential/commercial building and a two-story residential building, to the south by Grafe Street followed by three two-story townhouse buildings associated with the Woodbrooke Estates residential community, and to the west by asphalt-paved tennis courts that are part of the Woodbrooke Estates residential community. The Site consists of a one-story shopping center that was constructed in 1990 and is currently occupied by a dry cleaner, liquor store, beauty salon, karate studio, ice cream parlor, grocery store, restaurant, bagel shop, laundromat, pizzeria, and a vacant former restaurant. A site location map is attached as Figure 1.

2. Remedial Actions Relative to the Site during this Reporting Period

Langan mobilized to the site to drill two borings (LSB-26 and LSB-29) to the west of the former dry cleaner on 5 December. Soil samples were collected from the saturated zone to assist with the groundwater remedy design.

Langan received and validated the results for the soil samples collected during the November 2022 Supplemental Remedial Investigation (SRI). These results are being incorporated into a revised draft of the Remedial Action Work Plan (RAWP).

Langan also continued drafting the Construction Completion Report (CCR) for the sub-slab depressurization system (SSDS).

3. Actions Relative to the Site Anticipated for the Next Reporting Period

The SRI analytical results will be incorporated into the revised draft of the RAWP, and the RAWP will be resubmitted.

Langan will submit the draft CCR to NYSDEC. Quarterly SSDS operation, maintenance, and monitoring (OM&M) inspections will resume in January 2023.

Langan will address NYSDEC comments to the draft Remedial Investigation Report (RIR) when received.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

SRI results were received and validated in December 2022. The SRI analytical results will be incorporated into the revised draft of the RAWP.

6. Deliverables Submitted During This Reporting Period

None

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

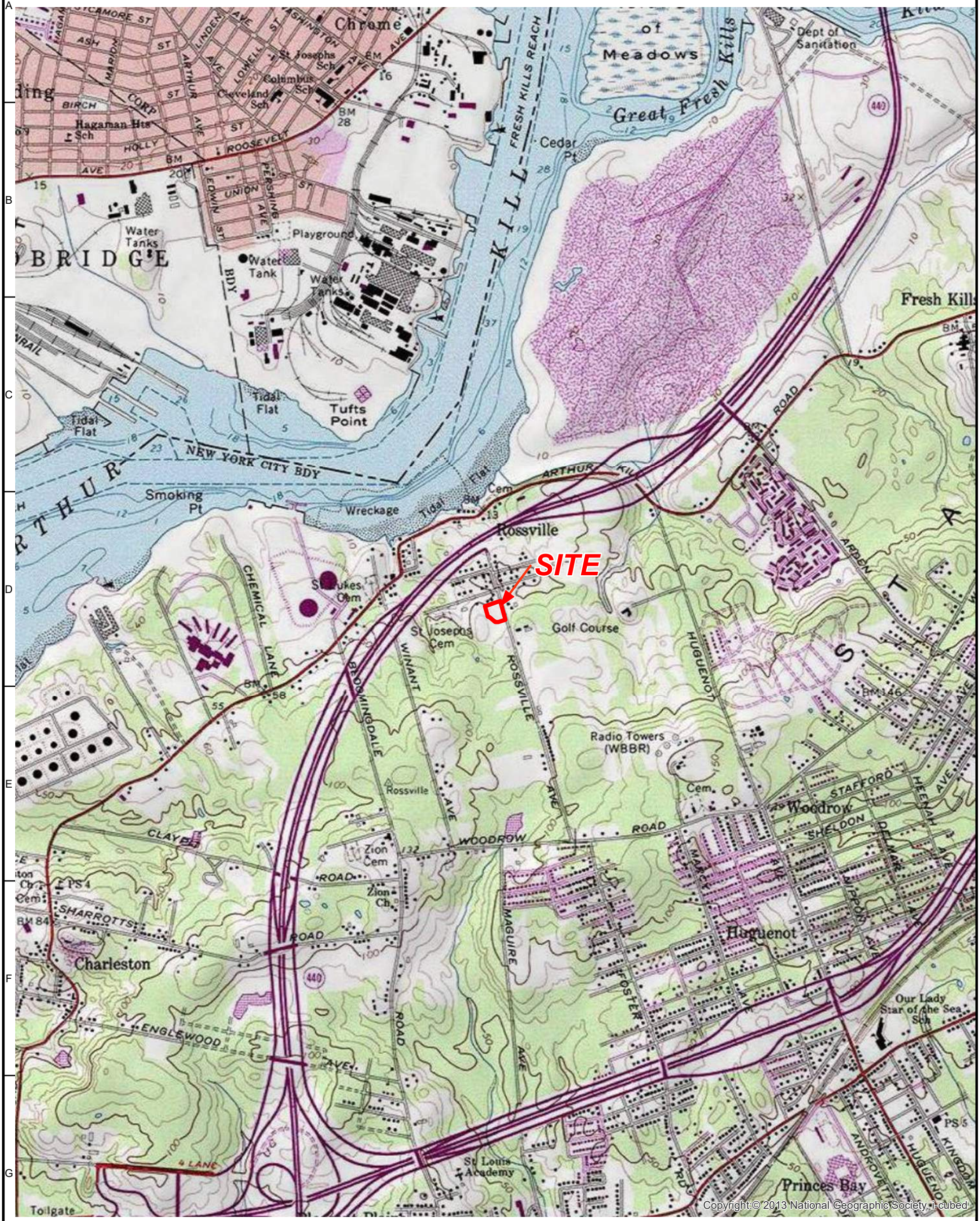
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period

None

11. Miscellaneous Information

None



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Project
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RICHMOND COUNTY NEW YORK

Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Monthly Progress Report No. 23
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: January 2023

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of January 2023.

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2. Remedial Actions Relative to the Site during this Reporting Period

Langan submitted the revised draft of the Remedial Action Work Plan (RAWP) on 27 January 2023. NYSDEC and NYSDOH provided comments on the February 2022 draft Remedial Investigation Report (RIR) on 30 January 2023.

Quarterly sub-slab depressurization system (SSDS) operation, maintenance, and monitoring (OM&M) inspections resumed in January 2023. Langan also continued drafting the Construction Completion Report (CCR) for the SSDS.

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan will submit the RAWP Fact Sheet in February 2023, at which point a 45-day public comment period will commence. Langan will also address NYSDEC and NYSDOH comments on the draft RIR.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

The November 2022 Supplemental Remedial Investigation (SRI) analytical results were incorporated into the revised draft of the RAWP, submitted to NYSDEC on 27 January 2023.

6. Deliverables Submitted During This Reporting Period

The revised draft of the RAWP was submitted to NYSDEC on 27 January 2023.

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

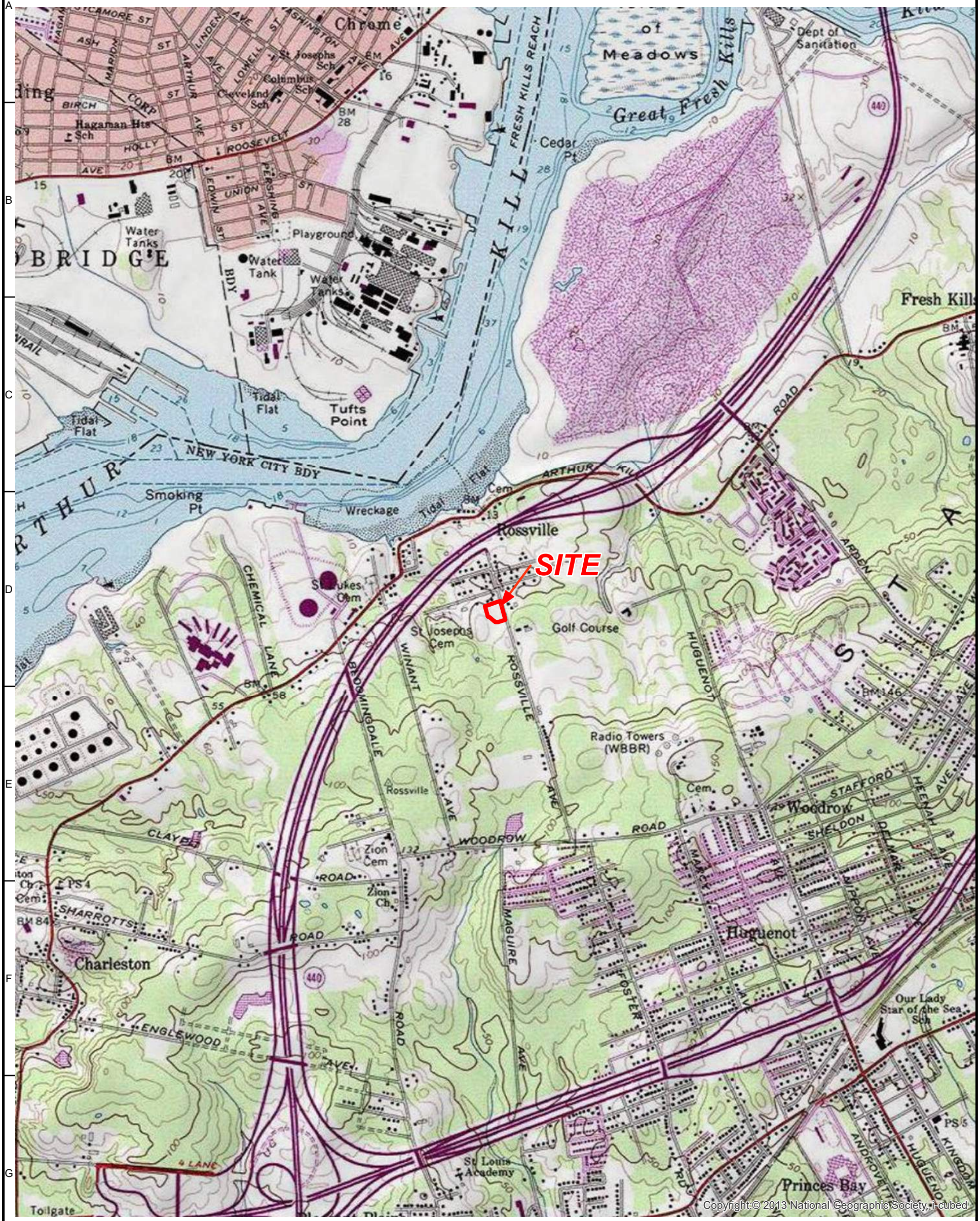
None

10. Activities Anticipated in Support of the CPP for the Next Reporting Period

Langan will submit the RAWP Fact Sheet in February 2023, at which point a 45-day public comment period will commence.

11. Miscellaneous Information

None



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Drawing Title
USGS SITE LOCATION MAP

Project No.	Figure
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Date: 2/25/2020	
Scale: 1 " = 2,000 '	
Drawn By: KMB	

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Monthly Progress Report No. 24
990-1026 Rossville Avenue
Staten Island, NY 10309
Brownfield Cleanup Program Site No. C243043
Reporting Period: February 2023

1. Introduction

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is submitting this monthly progress report on behalf of Allied Rossville LLC and in accordance with the 10 August 2020 Brownfield Cleanup Agreement (BCA). This monthly progress report summarizes work performed at 990-1026 Rossville Avenue (the "Site") for the month of February 2023.

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2. Remedial Actions Relative to the Site during this Reporting Period

Langan submitted the draft Remedial Action Work Plan (RAWP) Fact Sheet to NYSDEC on 16 February 2023. Langan also began revising the Remedial Investigation Report (RIR) to address NYSDEC and NYSDOH comments, and continued drafting the Construction Completion Report (CCR) for the sub-slab depressurization system (SSDS).

3. Actions Relative to the Site Anticipated for the Next Reporting Period

Langan will submit the revised RIR and CCR in March 2023. The next quarterly SSDS operation, maintenance, and monitoring (OM&M) inspection will be completed in April 2023.

4. Approved Activity Modifications (changes of work scope and/or schedule)

None

5. Results of Sampling, Testing and Other Relevant Data

None

6. Deliverables Submitted During This Reporting Period

The draft RAWP Fact Sheet was submitted to NYSDEC on 16 February 2023.

7. Information Regarding Percentage of Completion

The BCP project is about 50% complete.

8. Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None

9. Citizen Participation Plan Activities during This Reporting Period

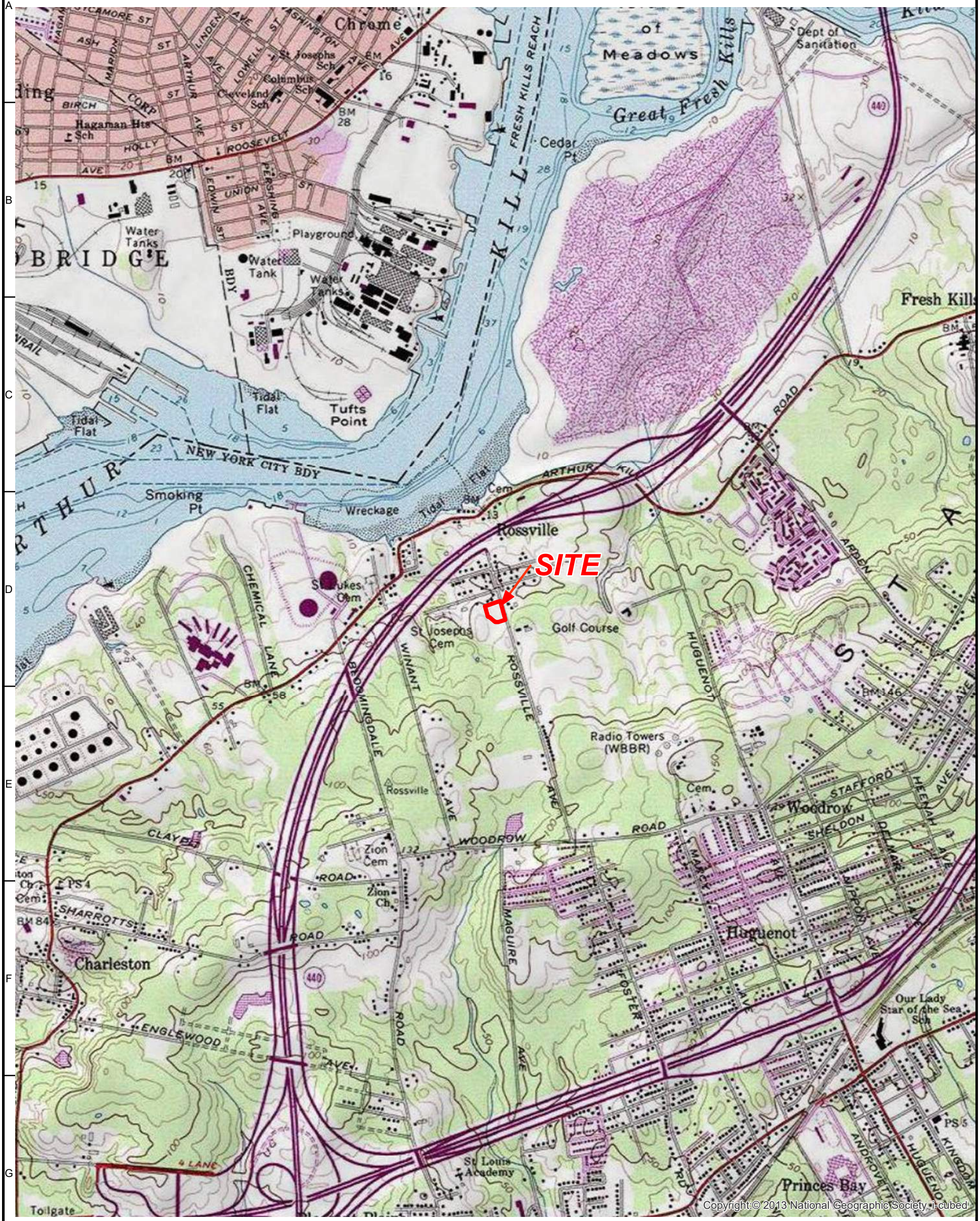
The draft RAWP Fact Sheet was submitted to NYSDEC on 16 February 2023.

10. Activities Anticipated in Support of the CPP for the Next Reporting Period

A 45-day public comment period will commence following issuance of the RAWP Fact Sheet.

11. Miscellaneous Information

None



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Drawing Title
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