DAILY FIELD REPORT 078

Prepared By: LANGAN

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Sunny	x
TEMP.	< 32		32-50		50-70	x	70-85	x	>85	

BCP Project No:	C224304	**Date:**	October 25, 2021
Project Name:	45 Commercial Street	**Time:**	6:30 am to 3:45 pm

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

Construction Manager: Monadnock Construction Inc. (MC)
Foundation Contractor: StructureTech New York, Inc. (STNY)
Soil Broker: Clean Earth, Inc. (CE)

Langan Field Personnel:
Yaskira Mota

Work Activities Performed:

- STNY excavated an about 5-foot-long by 4-foot-wide area to a depth of 4 feet below grade surface (bgs) in waste characterization grid COMP K for the installation of plumbing utility piping. Excavated material consisted of imported 0.75-inch stone or non-native soil that did not exhibit signs of chemical- or petroleum-like contamination. The stone and soil were not comingled during excavation. Excavated soil was stockpiled in waste characterization grid COMP K and excavated stone was used as backfill in COMP B.
- STNY backfilled an about 17-foot-long by 15-foot-wide area in waste characterization grid COMP D, from a maximum depth of 5 feet bgs (from original site grade) to about 1 ft bgs with New York State Department of Environmental Conservation (NYSDEC)-approved 0.75-inch virgin stone from Tilcon - Mt. Hope Quarry to fill in a previous excavation.
- STNY loaded a truck with a soil stockpile[1] in waste characterization grid COMP J South for off-site disposal to the Clean Earth of Bethlehem (CEPA) facility located in Bethlehem, Pennsylvania.
- STNY loaded a truck with a soil stockpile[2] in waste characterization grid COMP B for off-site disposal to the Clean Earth of Carteret (CEC) facility located in Carteret, New Jersey.
- STNY installed sub-membrane depressurization (SMD) system components in accordance with the design documents.
    - Non-woven, geotextile fabric (Mirafi 140N) was placed over an about an about 30-foot-long by 25-foot-wide area in waste characterization grid COMP C, and an about 80-foot-long by 30-foot-wide area in waste characterization grids COMP B and COMP C to isolate the SMD system from subgrade fines.
    - A minimum 8-inch-thick layer of 0.75-inch virgin stone was placed in the above-referenced areas above the geotextile fabric for the gas permeable aggregate layer.
    - About 140 feet of 4-inch diameter perforated polyvinyl chloride (PVC) piping, wrapped with a polyester filter sleeve, was placed in waste characterization grids COMP B and COMP C within the gas permeable aggregate layer for the SMD system.
- STNY installed vapor barrier membrane (Stego® Wrap 20 Mil) in an about 60-foot-long by 25-foot-wide area above the gas permeable aggregate layer in waste characterization grid COMP C. Vapor barrier seams were set with at least 6-inches of overlap and sealed with Stego® Tape. Vapor barrier installation documentation is to verify general conformance with specifications and contract documents. Any rips, tears, or holes observed during the installation were sealed with Stego® Tape.

[1] COMP B (0-5), COMP D (0-5)
[2] COMP K (2-6)

Material Tracking:

- The following soil/fill was exported from the site:
    - One load of non-native soil was transported to the CEPA facility located in Bethlehem, Pennsylvania.
    - One load of non-native soil was transported to the CEC facility located in Carteret, New Jersey.
- The following materials were imported to the site:
    - 6 loads of 0.75-inch virgin stone from Tilcon – Mt. Hope Quarry, located in Wharton Borough, New Jersey. Imported stone was used to backfill for the SMD aggregate layer or was stockpiled in waste characterization grids COMP D and COMP J South.

Samples Collected:

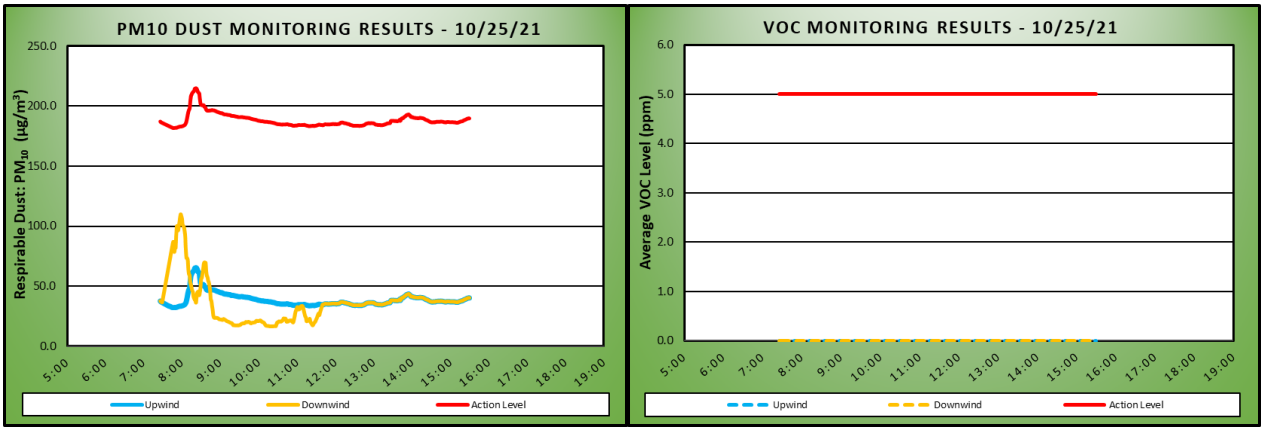
- Langan collected two documentation samples from 2 feet bgs in waste characterization grid COMP H. The documentation soil samples were submitted to Alpha Analytical Laboratories, Inc. for analysis of Part 375 volatile organic compounds (VOC), Part 375 semivolatile organic compounds (SVOC) including 1,4-dioxane, polychlorinated biphenyls (PCB), pesticides/herbicides, target analyte list (TAL) metals including hexavalent and trivalent chromium, and per- and polyfluoroalkyl substances (PFAS).
    - EP43_2
    - EP44_2

Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	37.5		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	38.5	36.3	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	65.2	110.0	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	2.3	30.3	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	116.0	209.3	Maximum 1-min Instant Reading	0.0	0.0

µg/m³-micrograms per cubic meter. ppm= parts per million.

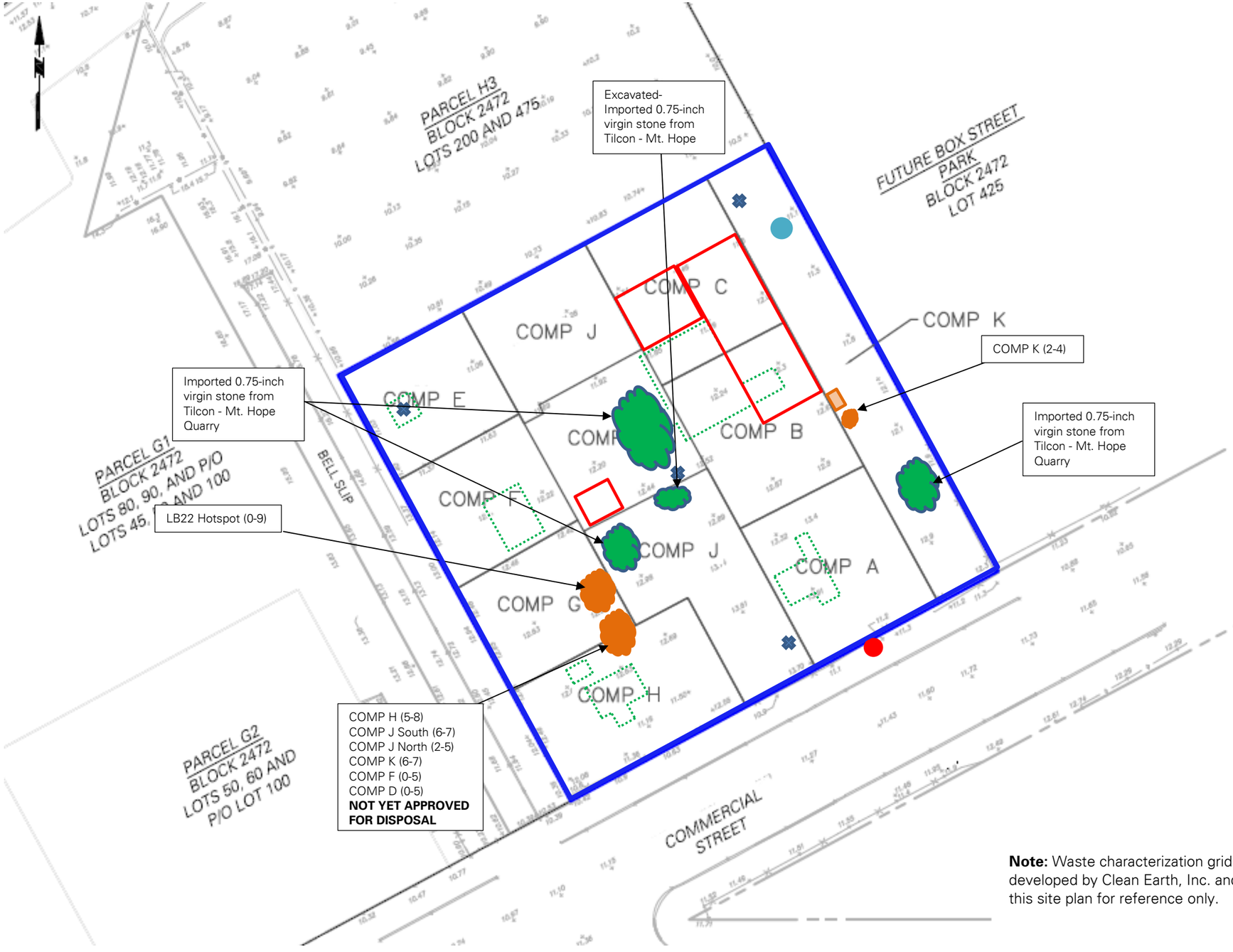
No particulate or organic vapor exceedances at the downwind station were encountered. The daily Community Air Monitoring Program (CAMP) monitoring results are also presented in the following charts:



Planned Activities:

- STNY will continue mass excavating for the remedy and utilities and will continue exporting soil for off-site disposal.
- STNY will continue installing SMD system components and the vapor barrier.
- STNY will continue pouring concrete for the foundation slab.

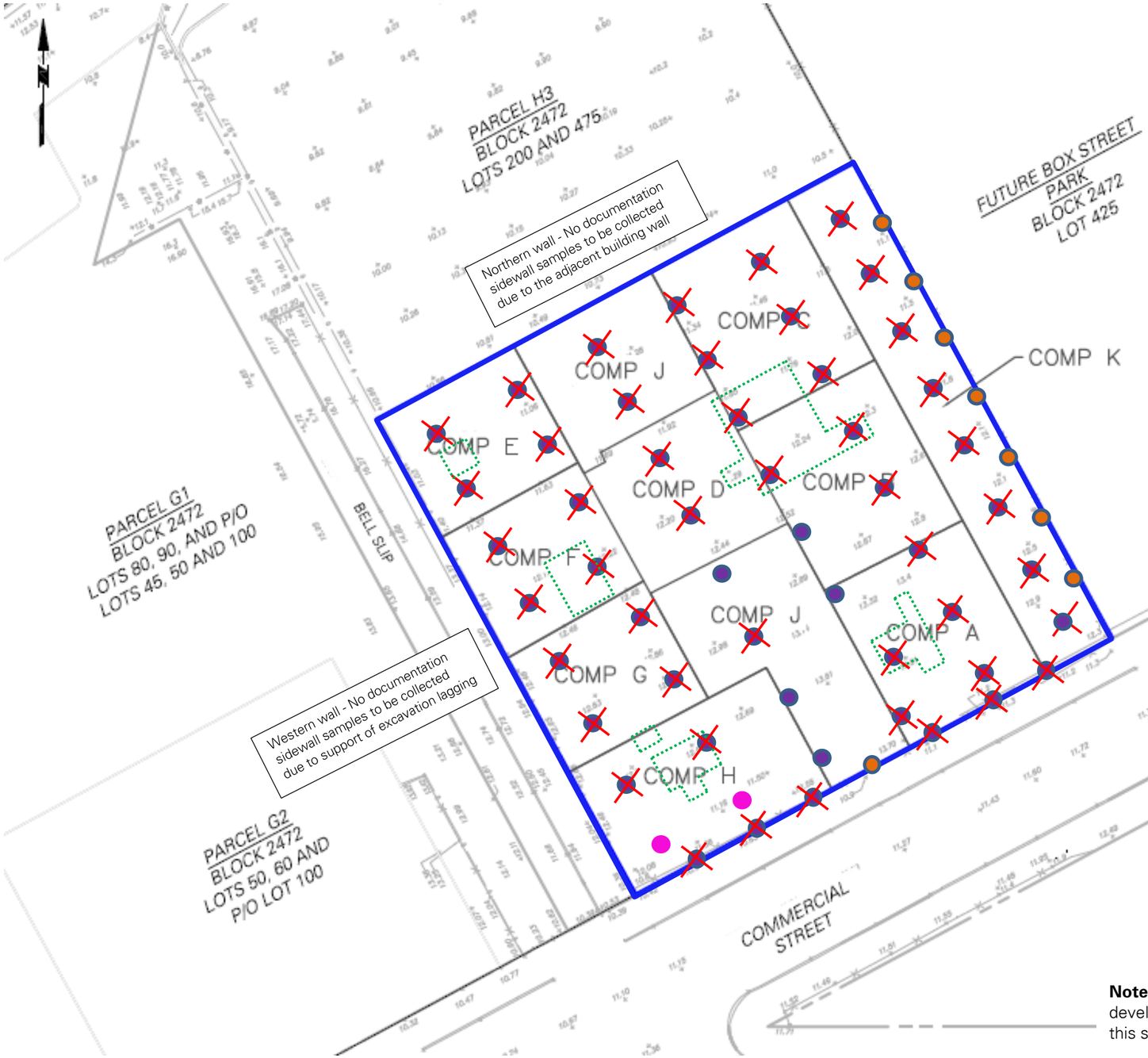
SITE PLAN



Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

- **Site Boundary**
- **Waste Characterization Grid COMP I (5-10)**
- **Upwind CAMP station**
- **Downwind CAMP station**
- **Stockpile – Soil**
- **Stockpile – C&D (Concrete)**
- **Stockpile – Imported Material**
- **Approximate Location of Excavation**
- **Approximate Area of Backfilling**
- **Approximate Area of Regrading**
- **Approximate Area of Asphalt/Concrete Removal**
- **Approximate Location of Concrete Pouring**
- **Approximate Area of Installed Demarcation Layer**
- **Approximate Location of Hotspot Endpoint Sample**

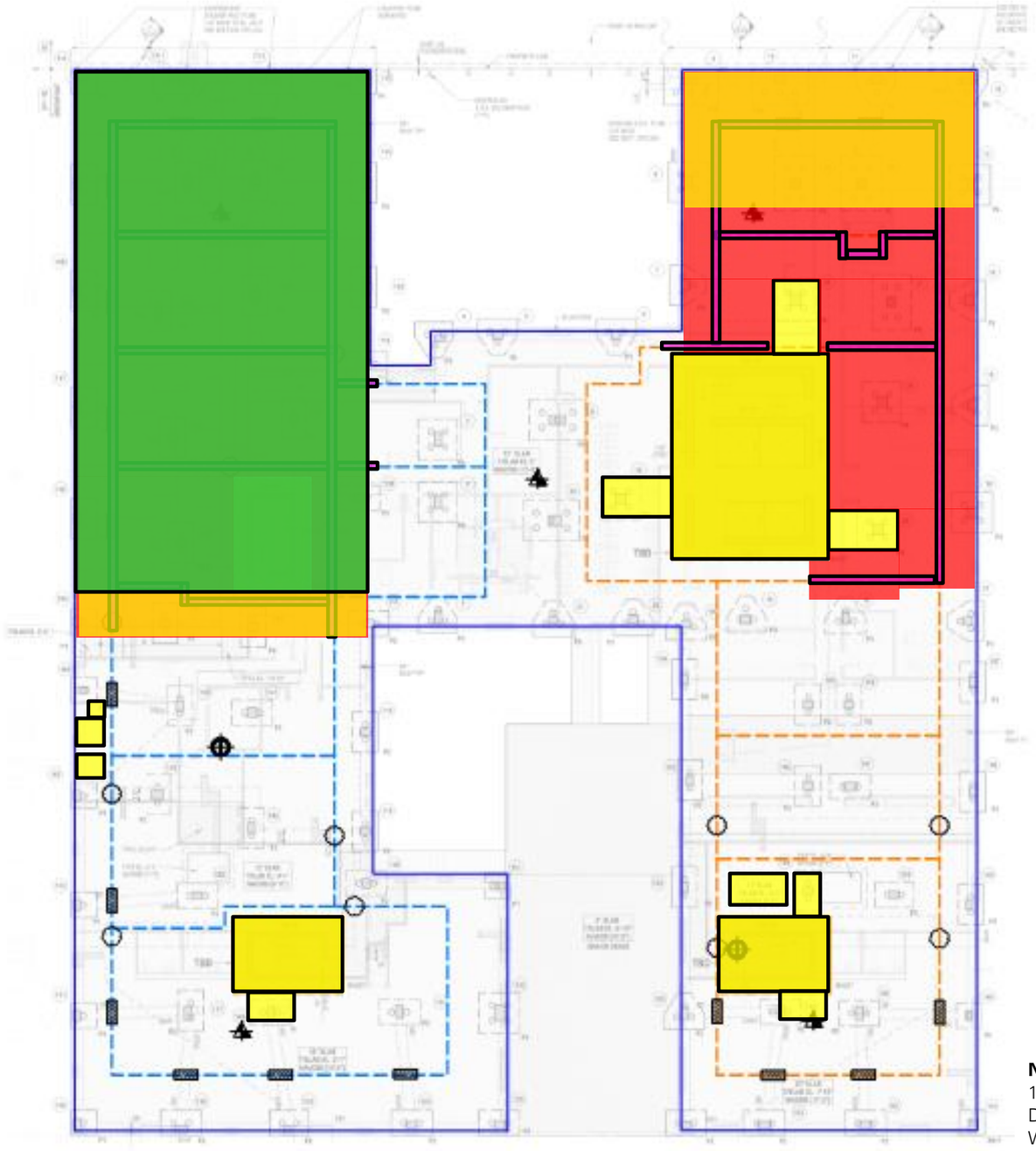
DOCUMENTATION SAMPLE PLAN



Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

- **Site Boundary**
- **Waste Characterization Grid COMP I (5-10)**
- **Proposed Base Documentation Sample Location**
- **Proposed Base Documentation Sample Location**
- **Documentation Sample Collected Today**
- **Previously Collected Documentation Sample**

WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP



Note: Base Map Source: Drawing FO-100.00, Foundation (1st Floor) Plan, Dated December 20, 2019, Prepared by WSP USA.

- **Site Boundary**
- **Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower A**
- **Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower B**
- **Approximate Location of Deep Foundation Elements (No Depressurization)**
- **SMD System Installation In Progress (Geotextile/Aggregate)**
- **SMD System Installation In Progress (SMD Piping)**
- **SMD System Installation In Progress (Waterproofing/Vapor Barrier)**
- **Concrete Foundation Slab Poured**

Photo Log

Photo 1: View of STNY installing vapor barrier in waste characterization grid COMP C (facing north).	
Photo 2: View of STNY installing perforated PVC pipe for the SMD system in waste characterization grid COMP C (facing east).	

File Name: 2021-10-25 Daily Field Report_078

Photo 3: View of STNY backfilling with 0.75-inch stone for the SMD system aggregate layer in waste characterization grids COMP B and COMP C (facing northwest).	
Photo 4: View of STNY loading a truck with soil off site disposal to the CEPA facility (facing north).	

File Name: 2021-10-25 Daily Field Report_078

Curley, Ruth E (DEC)

From: Tyler Goodnough <tgoodnough@langan.com>
Sent: Tuesday, November 2, 2021 1:26 PM
To: Curley, Ruth E (DEC)
Cc: Woo Kim; Greg Wyka; Yaskira Mota diaz; O'Neil, Eamonn M (HEALTH)
Subject: 45 Commercial Street (C224304) - Remedial Action - Daily Field Reports - 10/25, 10/27, and 10/28
Attachments: 2021-10-25 - 45 Commercial Street - C224304 - Daily Field Report_078.pdf; 2021-10-27 - 45 Commercial Street - C224304 - Daily Field Report_079.pdf; 2021-10-28 - 45 Commercial Street - C224304 - Daily Field Report_080.pdf; C224304 - 2021-10-25.pdf; 2021-10-27 - C224304.pdf; 2021-10-28 - C224304.pdf

Hi Ruth,

Attached are the daily field reports and CAMP summary sheets for the remedial action at 45 Commercial Street (C224304) for 10/25, 10/27, and 10/28. No DFR for 10/26 as the site was shut down that day.

Thanks,

Tyler Goodnough
Senior Staff Scientist

LANGAN

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File Sharing Link

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DAILY FIELD REPORT 079

Prepared By: LANGAN

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Sunny	x
TEMP.	< 32		32-50		50-70	x	70-85		>85	

BCP Project No:	C224304	**Date:**	October 27, 2021
Project Name:	45 Commercial Street	**Time:**	6:30 am to 3:45 pm

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

Construction Manager: Monadnock Construction Inc. (MC)
Foundation Contractor: StructureTech New York, Inc. (STNY)
Soil Broker: Clean Earth, Inc. (CE)

Langan Field Personnel:
Yaskira Mota

Work Activities Performed:

- STNY excavated two about 20-foot-long by about 7-foot-wide areas from about 2 feet below grade surface (bgs) (from original site grade) to about 4 feet bgs in waste characterization grids COMP A and COMP B for the installation of plumbing utility piping. Excavated material consisted of non-native soil, did not exhibit signs of chemical- or petroleum-like contamination, and was stockpiled in waste characterization grid COMP A.
- STNY installed sub-membrane depressurization (SMD) system components in accordance with the design documents.
    - Non-woven, geotextile fabric (Mirafi 140N) was placed over an about an about 60-foot-long by 20-foot-wide area and an about 35-foot-long by 30-foot-wide area in waste characterization grid COMP D to isolate the SMD system from subgrade fines.
    - A minimum 8-inch-thick layer of 0.75-inch virgin stone was placed in the above-referenced areas above the geotextile fabric for the gas permeable aggregate layer.
    - About 45 feet of 4-inch diameter perforated polyvinyl chloride (PVC) piping, wrapped with a polyester filter sleeve, was placed in waste characterization grid COMP D within the gas permeable aggregate layer for the SMD system.
- STNY installed vapor barrier membrane (Stego® Wrap 20 Mil) in an about 60-foot-long by 45-foot-wide area in waste characterization grids COMP B and COMP C, and an about 60-foot-long by 20-food-wide area in waste characterization grid COMP D above the gas permeable aggregate layer. Vapor barrier seams were set with at least 6-inches of overlap and sealed with Stego® Tape. Vapor barrier installation documentation is to verify general conformance with specifications and contract documents. Any rips, tears, or holes observed during the installation were sealed with Stego® Tape.

Material Tracking:

- No soil/fill was exported from the site.
- No material was imported to the site.

Samples Collected:

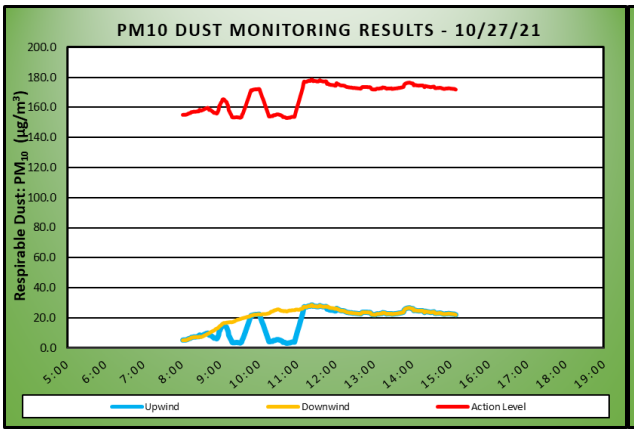
- No samples were collected.

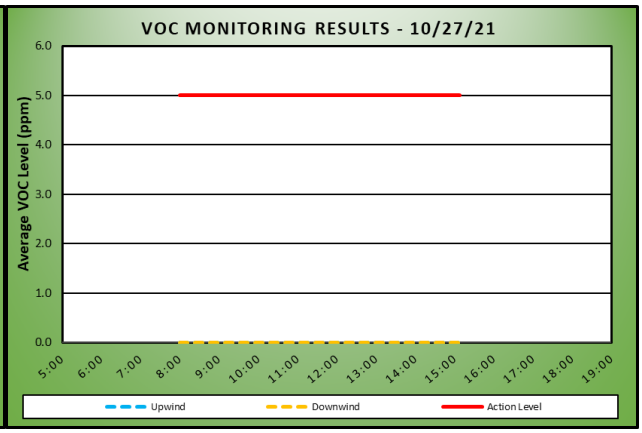
Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	5.1		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	17.5	21.2	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	28.5	28.5	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	2.0	3.5	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	44.0	43.0	Maximum 1-min Instant Reading	0.0	0.0

µg/m³-micrograms per cubic meter. ppm= parts per million.

No particulate or organic vapor exceedances at the downwind station were encountered. The daily Community Air Monitoring Program (CAMP) monitoring results are also presented in the following charts:





Planned Activities:

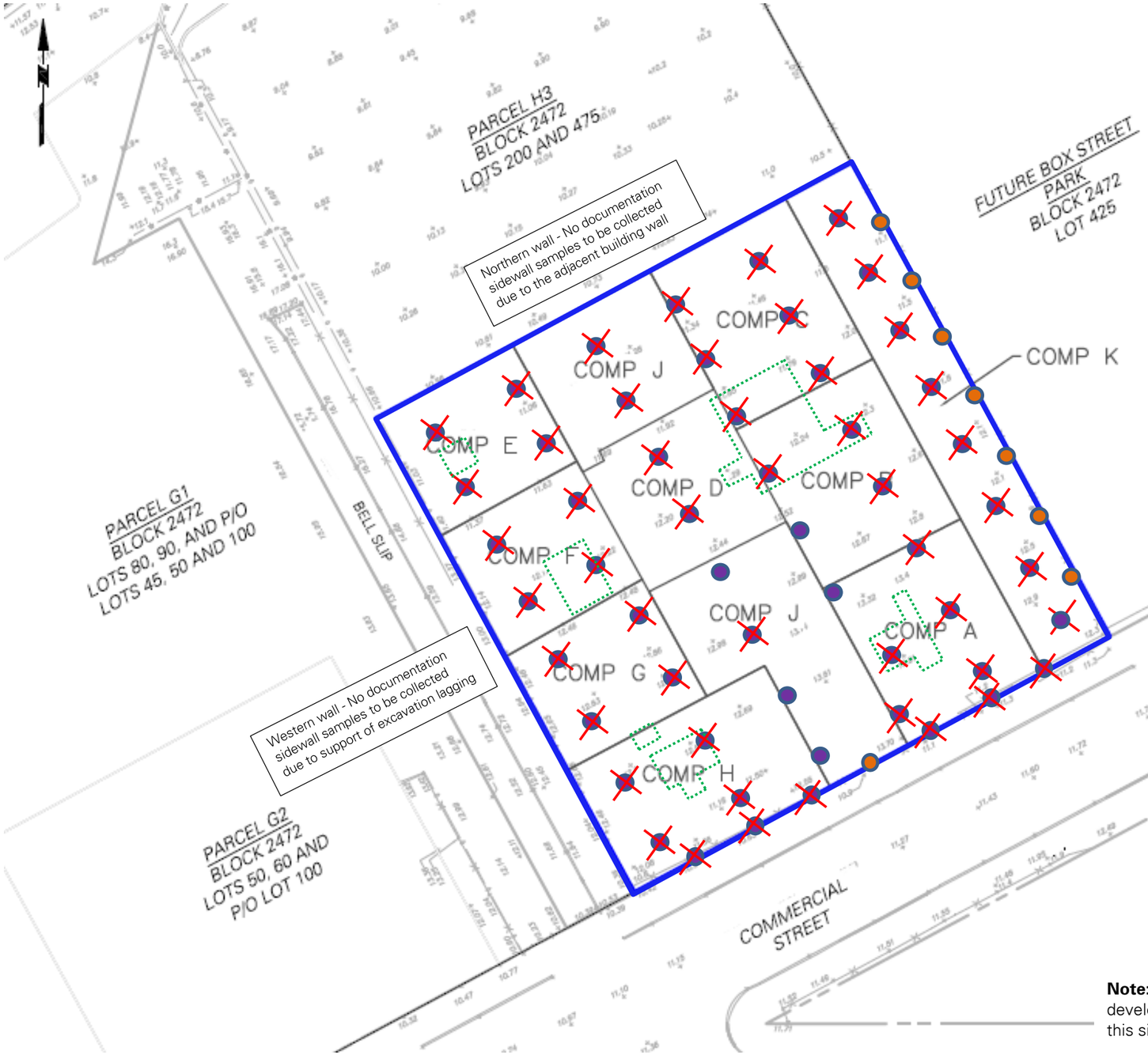
- STNY will continue mass excavating for the remedy and utilities and will continue exporting soil for off-site disposal.
- STNY will continue installing SMD system components and the vapor barrier.
- STNY will continue pouring concrete for the foundation slab.

SITE PLAN

Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

- **Site Boundary**
- **Waste Characterization Grid COMP I (5-10)**
- **Upwind CAMP station**
- **Downwind CAMP station**
- **Stockpile – Soil**
- **Stockpile – C&D (Concrete)**
- **Stockpile – Imported Material**
- **Approximate Location of Excavation**
- **Approximate Area of Backfilling**
- **Approximate Area of Regrading**
- **Approximate Area of Asphalt/Concrete Removal**
- **Approximate Location of Concrete Pouring**
- **Approximate Area of Installed Demarcation Layer**
- **Approximate Location of Hotspot Endpoint Sample**

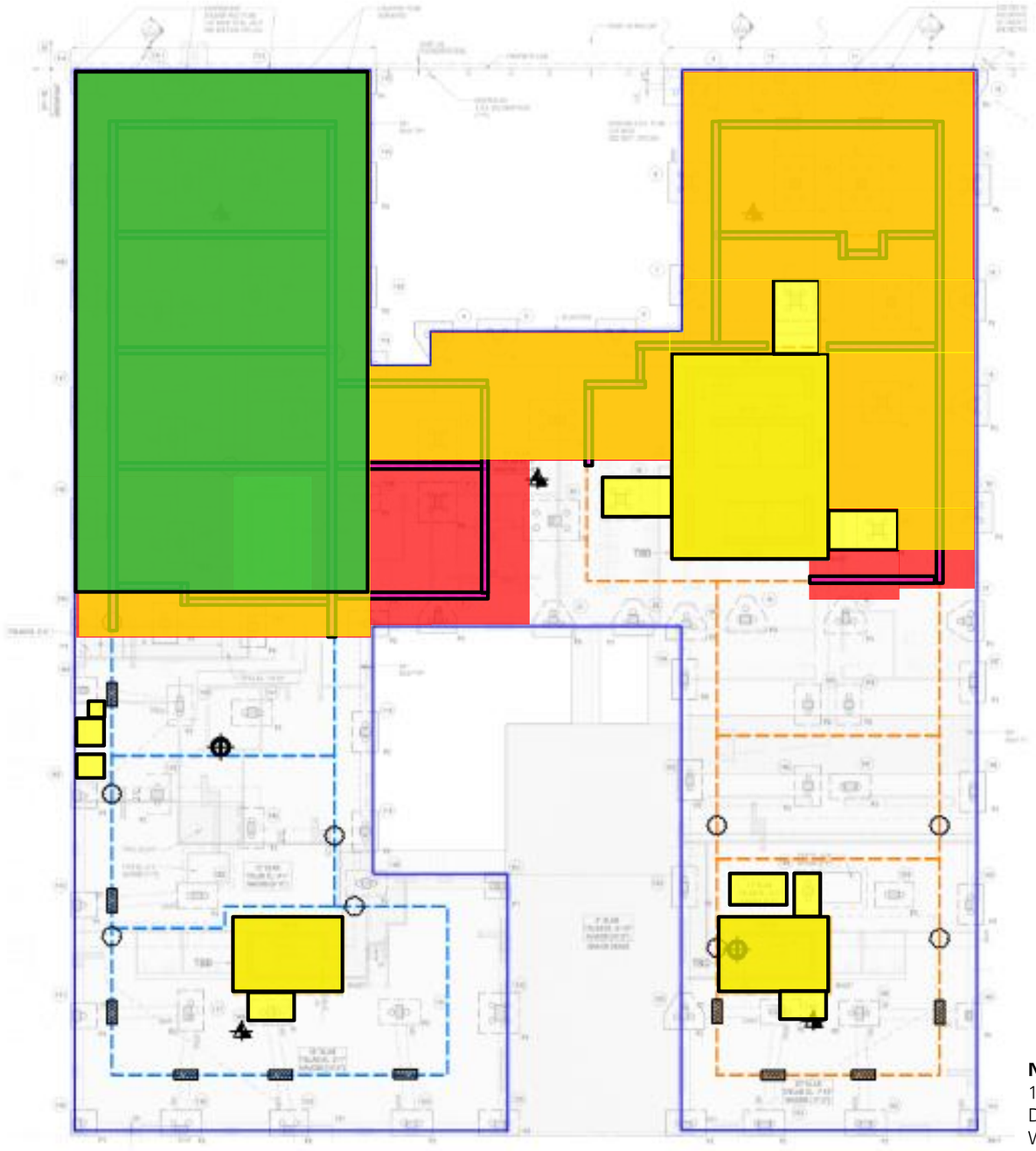
DOCUMENTATION SAMPLE PLAN



Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

- **Site Boundary**
- **Waste Characterization Grid COMP I (5-10)**
- **Proposed Base Documentation Sample Location**
- **Proposed Base Documentation Sample Location**
- **Documentation Sample Collected Today**
- **Previously Collected Documentation Sample**

WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP



Note: Base Map Source: Drawing FO-100.00, Foundation (1st Floor) Plan, Dated December 20, 2019, Prepared by WSP USA.

- **Site Boundary**
- **Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower A**
- **Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower B**
- **Approximate Location of Deep Foundation Elements (No Depressurization)**
- **SMD System Installation In Progress (Geotextile/Aggregate)**
- **SMD System Installation In Progress (SMD Piping)**
- **SMD System Installation In Progress (Waterproofing/Vapor Barrier)**
- **Concrete Foundation Slab Poured**

Photo Log

Photo 1: View of STNY installing vapor barrier in waste characterization grid COMP C (facing north).	
Photo 2: View of installed vapor barrier in waste characterization grid COMP D (facing northwest).	

Photo 3: View of STNY backfilling with 0.75-inch stone for the SMD system aggregate layer in waste characterization grids COMP B and COMP C (facing northwest).	
Photo 4: View of STNY excavating for plumbing utilities in waste characterization grid COMP A (facing south).	

DAILY FIELD REPORT 080

Prepared By: LANGAN

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Sunny	x
TEMP.	< 32		32-50		50-70	x	70-85		>85	

BCP Project No:	C224304	**Date:**	October 28, 2021
Project Name:	45 Commercial Street	**Time:**	6:30 am to 5:00 pm

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

Construction Manager: Monadnock Construction Inc. (MC)
Foundation Contractor: StructureTech New York, Inc. (STNY)
Soil Broker: Clean Earth, Inc. (CE)

Langan Field Personnel:
Lauren Roper
Tyler Goodnough

Work Activities Performed:

- STNY excavated an area about 18-feet-long by about 6-feet-wide to a maximum depth of 3 feet below grade surface (bgs) (from original site grade) in waste characterization grid COMP J South for the installation of plumbing utility piping. Excavated material consisted of previously backfilled 0.75-inch stone that did not exhibit signs of chemical- or petroleum-like contamination, and was stockpiled in waste characterization grid COMP J South.
- STNY loaded a truck with a soil stockpile[1] in waste characterization grid COMP G for off-site disposal to the Clean Earth of North Jersey (CENJ) facility located in Kearny, New Jersey.
- STNY installed sub-membrane depressurization (SMD) system components in accordance with the design documents.
    - Non-woven, geotextile fabric (Mirafi 140N) was placed over an about an about 60-foot-long by 30-foot-wide area in waste characterization grid COMP D and an about 30-foot-long by 10-foot-wide area in waste characterization grid COMP B to isolate the SMD system from subgrade fines.
    - A minimum 8-inch-thick layer of 0.75-inch virgin stone was placed in the above-referenced areas above the geotextile fabric for the gas permeable aggregate layer.
    - About 70 feet of 4-inch diameter perforated polyvinyl chloride (PVC) piping, wrapped with a polyester filter sleeve, was placed in waste characterization grids COMP B and COMP D within the gas permeable aggregate layer for the SMD system.
- STNY installed vapor barrier membrane (Stego® Wrap 20 Mil) in an about 60-foot-long by about 30-foot-wide area in waste characteruization grid COMP D and an about 60-foot-long by 10-foot-long area in waste characterization grid COMP B above the gas permeable aggregate layer. Vapor barrier seams were set with at least 6-inches of overlap and sealed with Stego® Tape. Vapor barrier installation documentation is to verify general conformance with specifications and contract documents. Any rips, tears, or holes observed during the installation were sealed with Stego® Tape.

[1] LB22 Hotspot (0-9)

Material Tracking:

- The following soil/fill was exported from the site:
  - One load of hazardous lead soil was transported to the CENJ facility located in Kearney, New Jersey.
- No material was imported to the site.

Samples Collected:

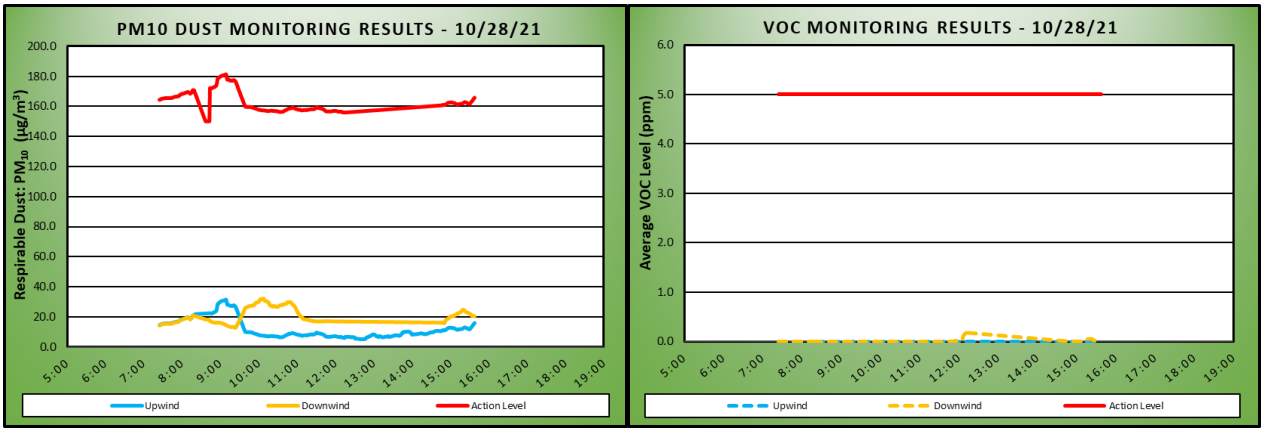
- No samples were collected.

Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	14.4		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	11.8	21.3	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	31.4	32.1	Maximum 15-min Average	0.0	0.2
Minimum 1-min Instant Reading	4.0	11.3	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	58.3	395.5	Maximum 1-min Instant Reading	0.1	0.9

µg/m³-micrograms per cubic meter. ppm= parts per million.

Monitoring was not conducted at the downwind station between 12:16 to 14:31 due to relocation of the station and a resulting connectivity issue. The issue was resolved and data was collected for the remainder of the day. No particulate or organic vapor exceedances at the downwind station were encountered. The daily Community Air Monitoring Program (CAMP) monitoring results are also presented in the following charts:



Planned Activities:

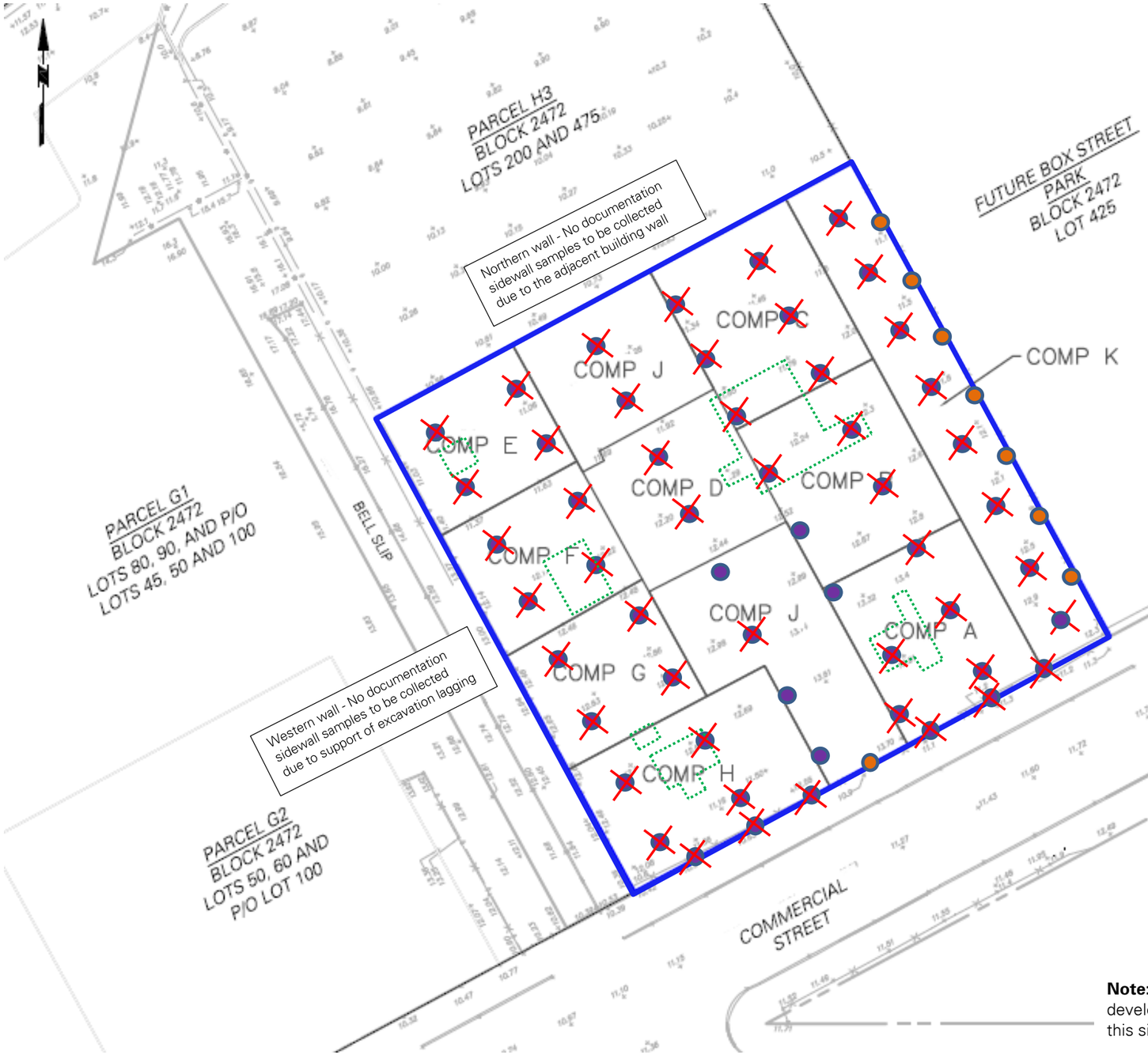
- STNY will continue mass excavating for the remedy and utilities and will continue exporting soil for off-site disposal.
- STNY will continue installing SMD system components and the vapor barrier.
- STNY will continue pouring concrete for the foundation slab.

SITE PLAN

Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

- **Site Boundary**
- **Waste Characterization Grid COMP I (5-10)**
- **Upwind CAMP station**
- **Downwind CAMP station**
- **Stockpile – Soil**
- **Stockpile – C&D (Concrete)**
- **Stockpile – Imported Material**
- **Approximate Location of Excavation**
- **Approximate Area of Backfilling**
- **Approximate Area of Regrading**
- **Approximate Area of Asphalt/Concrete Removal**
- **Approximate Location of Concrete Pouring**
- **Approximate Area of Installed Demarcation Layer**
- **Approximate Location of Hotspot Endpoint Sample**

DOCUMENTATION SAMPLE PLAN



Site Boundary

Waste Characterization Grid COMP I (5-10)

Proposed Base Documentation Sample Location

Proposed Base Documentation Sample Location

Documentation Sample Collected Today

Previously Collected Documentation Sample

Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP

Note: Base Map Source: Drawing FO-100.00, Foundation (1st Floor) Plan, Dated December 20, 2019, Prepared by WSP USA.

- **Site Boundary**
- **Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower A**
- **Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower B**
- **Approximate Location of Deep Foundation Elements (No Depressurization)**
- **SMD System Installation In Progress (Geotextile/Aggregate)**
- **SMD System Installation In Progress (SMD Piping)**
- **SMD System Installation In Progress (Waterproofing/Vapor Barrier)**
- **Concrete Foundation Slab Poured**

Photo Log

Photo 1: View of STNY loading a truck for off-site disposal to the CENJ facility (facing north).	
Photo 2: View of STNY installing vapor barrier in waste characterization grid COMP D (facing wast).	

Photo 3: View of STNY placing geotextile fabric in waste characterization grid COMP D (facing east).	
Photo 4: General view of the site and installed vapor barrier in waste characterization grids COMP B and COMP D at the end of the workday (facing southwest).	

DAILY FIELD REPORT 081

Prepared By: LANGAN

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Sunny	x
TEMP.	< 32		32-50		50-70	x	70-85		>85	

BCP Project No:	C224304	**Date:**	October 29, 2021
Project Name:	45 Commercial Street	**Time:**	7:00 am to 3:00 pm

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

Construction Manager: Monadnock Construction Inc. (MC)
Foundation Contractor: StructureTech New York, Inc. (STNY)
Soil Broker: Clean Earth, Inc. (CE)

Langan Field Personnel:
TJ Malgieri

Work Activities Performed:

- STNY excavated an about 20-foot-long by about 6-foot-wide area to a maximum depth of 5 feet below grade surface (bgs) (from original site grade) in waste characterization grid COMP D for the installation of plumbing utility piping. Excavated material consisted of previously backfilled 0.75-inch stone that did not exhibit signs of chemical- or petroleum-like contamination, and was stockpiled in waste characterization grid COMP J South.

Material Tracking:

- No soil/fill was exported from the site.
- No material was imported to the site.

Samples Collected:

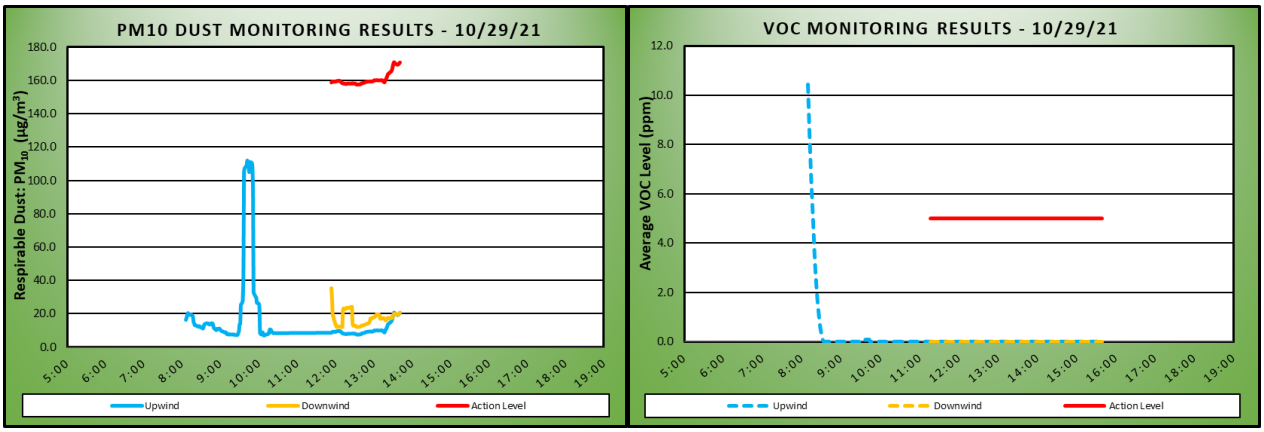
- No samples were collected.

Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	17.3		Daily background	0.3	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	16.9	17.7	Daily Time Weighted Average	0.5	0.0
Maximum 15-min Average	112.0	35.3	Maximum 15-min Average	10.4	0.0
Minimum 1-min Instant Reading	0.0	0.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	920.5	162.0	Maximum 1-min Instant Reading	17.1	0.9

µg/m³-micrograms per cubic meter. ppm= parts per million.

Monitoring was not conducted at the downwind station until 11:02 or at the upwind station between 10:24 and 11:39 due to connectivity issues. The issue was resolved and data was collected for the remainder of the day. No particulate or organic vapor exceedances at the downwind station were encountered. The daily Community Air Monitoring Program (CAMP) monitoring results are also presented in the following charts:



Planned Activities:

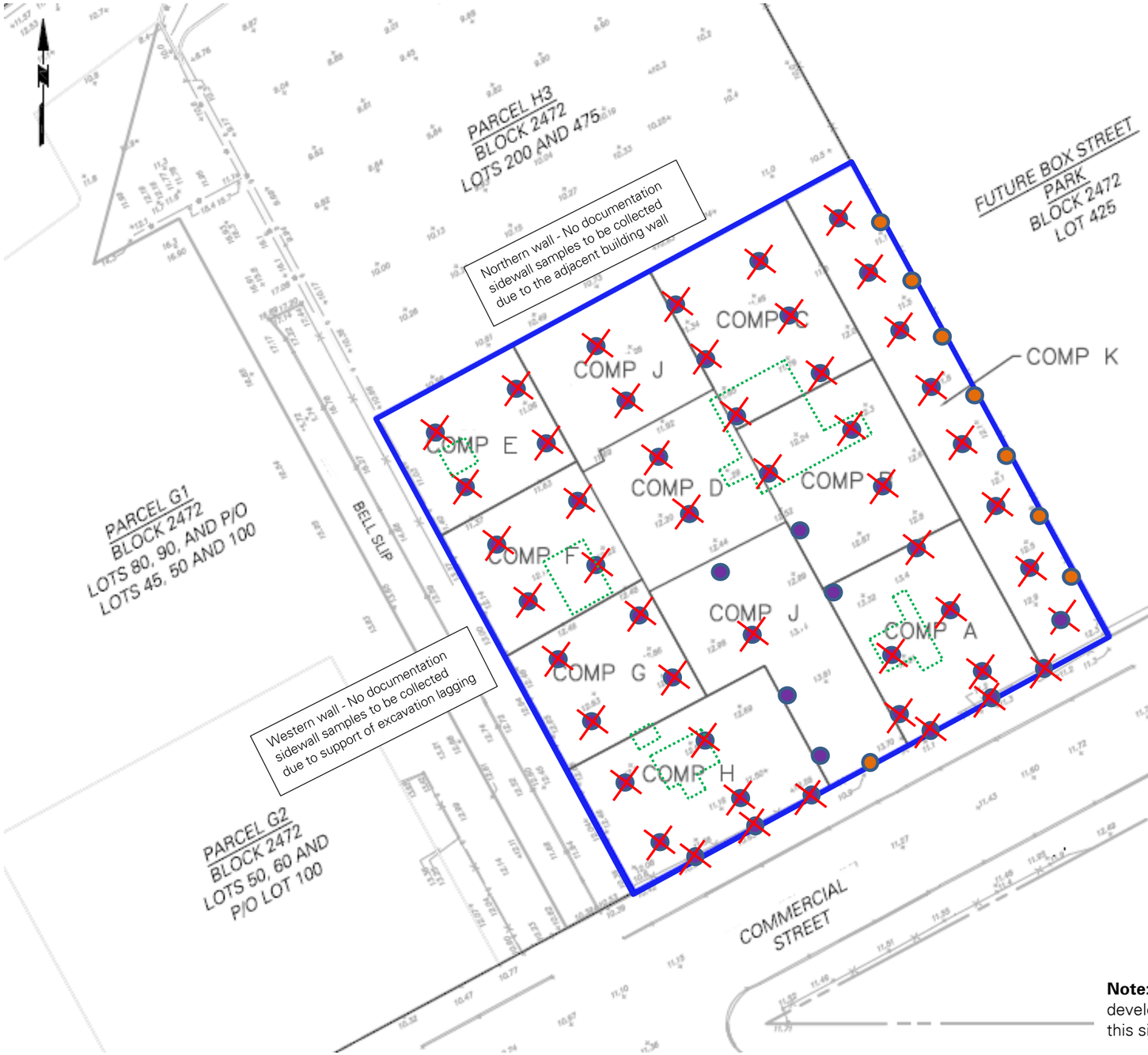
- STNY will continue mass excavating for the remedy and utilities and will continue exporting soil for off-site disposal.
- STNY will continue installing SMD system components and the vapor barrier.
- STNY will continue pouring concrete for the foundation slab.

SITE PLAN

Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

- **Site Boundary**
- **Waste Characterization Grid COMP I (5-10)**
- **Upwind CAMP station**
- **Downwind CAMP station**
- **Stockpile – Soil**
- **Stockpile – C&D (Concrete)**
- **Stockpile – Imported Material**
- **Approximate Location of Excavation**
- **Approximate Area of Backfilling**
- **Approximate Area of Regrading**
- **Approximate Area of Asphalt/Concrete Removal**
- **Approximate Location of Concrete Pouring**
- **Approximate Area of Installed Demarcation Layer**
- **Approximate Location of Hotspot Endpoint Sample**

DOCUMENTATION SAMPLE PLAN



Site Boundary

Waste Characterization Grid
COMP I (5-10)

Proposed Base Documentation Sample Location

Proposed Base Documentation Sample Location

Documentation Sample Collected Today

Previously Collected Documentation Sample

Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP

Note: Base Map Source: Drawing FO-100.00, Foundation (1st Floor) Plan, Dated December 20, 2019, Prepared by WSP USA.

- **Site Boundary**
- **Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower A**
- **Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower B**
- **SMD System Installation In Progress (Geotextile/Aggregate)**
- **SMD System Installation In Progress (SMD Piping)**
- **SMD System Installation In Progress (Waterproofing/Vapor Barrier)**
- **Concrete Foundation Slab Poured**

Photo Log

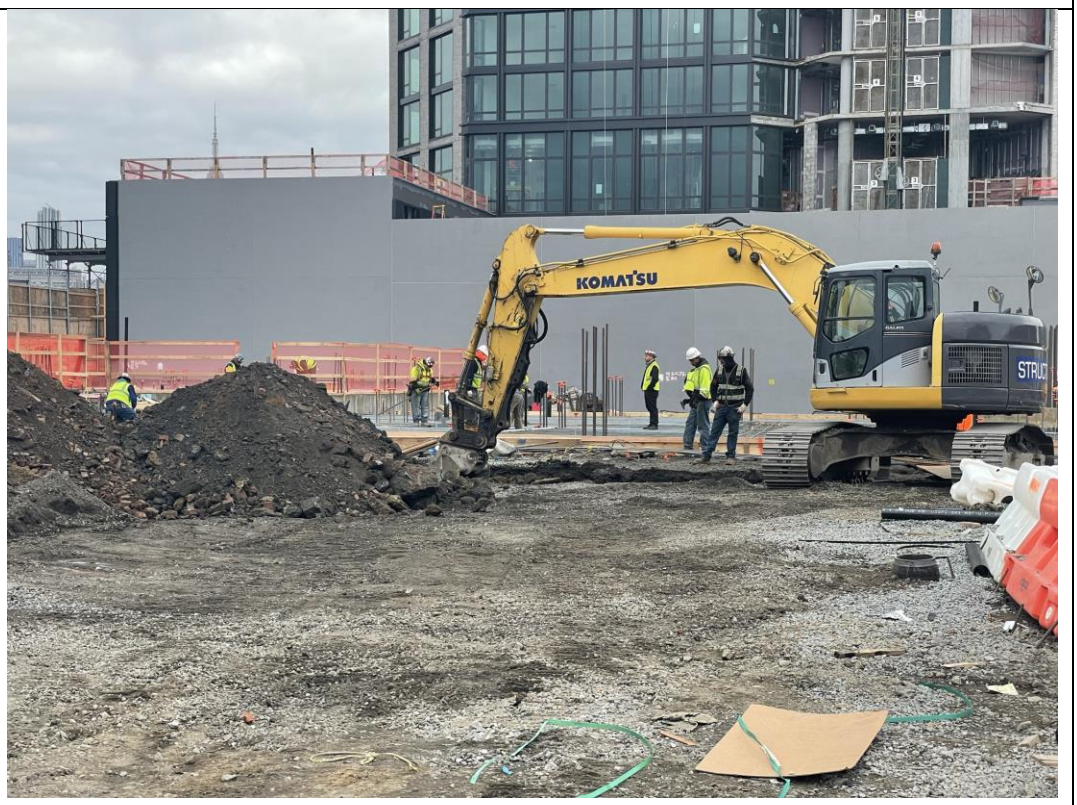
Photo 1: General view of site at the beginning of the day (facing northwest).	
Photo 2: View of STNY excavating for utility piping in waste characterization grid COMP D (facing north).	

Photo 3: View of STNY excavating for utility piping in waste characterization grid COMP D (facing west).	
Photo 4: General view of the site and covered stockpiles at the end of the day (facing west).	

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