DAILY FIELD REPORT 087

Prepared By: LANGAN

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

BCP Project No:	C224304	**Date:**	November 8, 2021
Project Name:	45 Commercial Street	**Time:**	6:30 am to 4:45 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 backfilled an about 12-foot-long by 7-foot-wide area in waste characterization grid COMP J South from about 6 feet below grade surface (bgs) (from original site grade) to 1 feet bgs with New York State Department Environmental Conservation (NYSDEC)-approved 0.75-inch virgin stone from Tilcon - Mt. Hope Quarry to fill in a previous excavation.
- STNY installed vapor barrier membrane (Stego® Wrap 20 Mil) in an about 10-foot-long by 5-foot-wide area in waste characterization grids COMP A and 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.

Material Tracking:

- No soil/fill was exported from the site.
- The following materials were imported to the site:
    - STNY imported 2 loads of 0.75-inch virgin stone from the Tilcon – Mt. Hope Quarry. Imported material was stockpiled in waste characterization grid COMP J South.

Samples Collected:

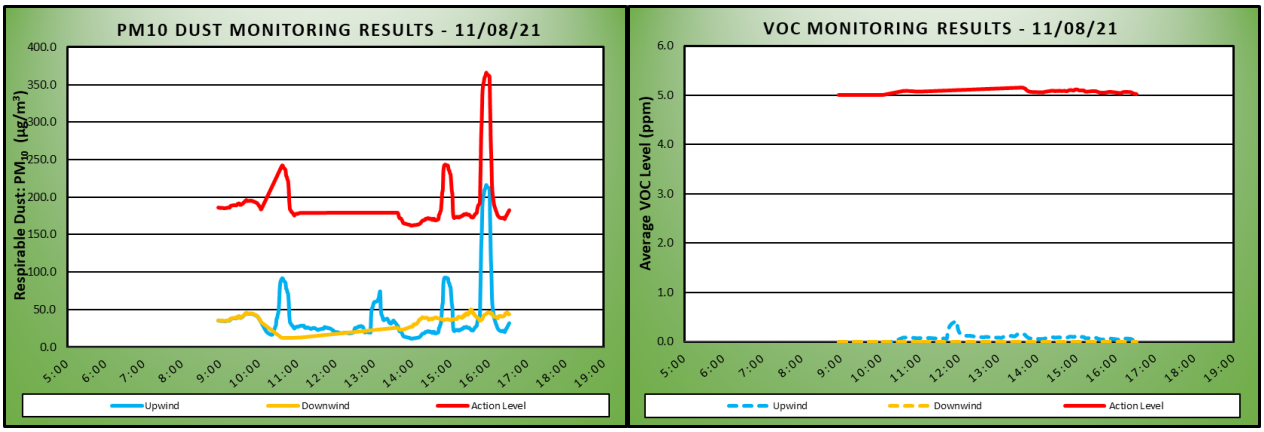
- No samples were collected.

Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	35.8		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	38.4	34.3	Daily Time Weighted Average	0.1	0.0
Maximum 15-min Average	216.6	50.3	Maximum 15-min Average	0.4	0.0
Minimum 1-min Instant Reading	9.0	10.8	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	722.8	78.5	Maximum 1-min Instant Reading	1.3	0.0

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

Data was not collected at the downwind station from 10:05 to 10:20 and from 11:06 to 13:22 due to battery issues and ongoing equipment repairs. 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.

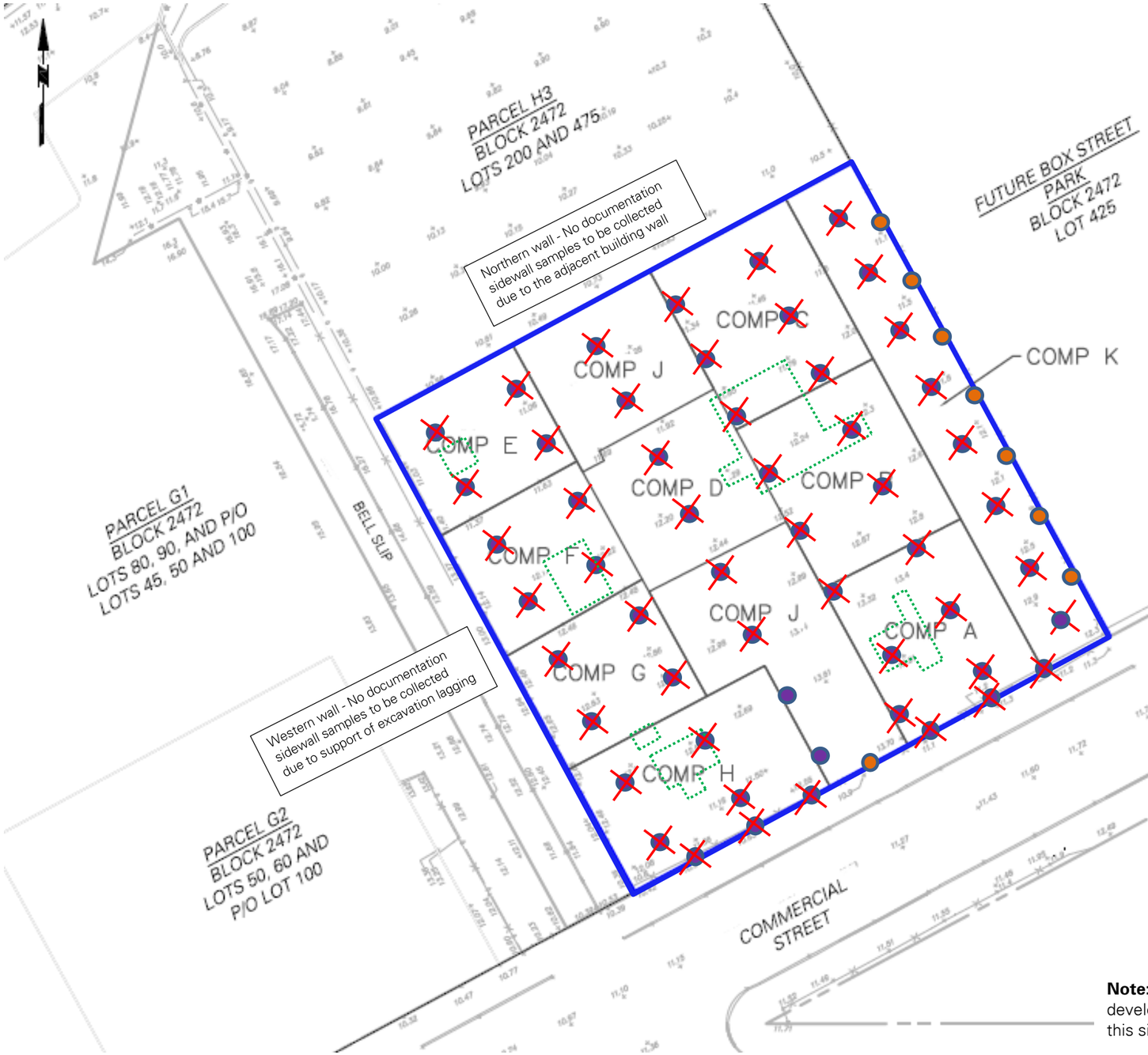
File Name: 2021-11-08 Daily Field Report_087

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**

DOCUMENTATION SAMPLE PLAN



Site Boundary

Waste Characterization Grid COMP I (5-10)

Proposed Base Documentation Sample Location

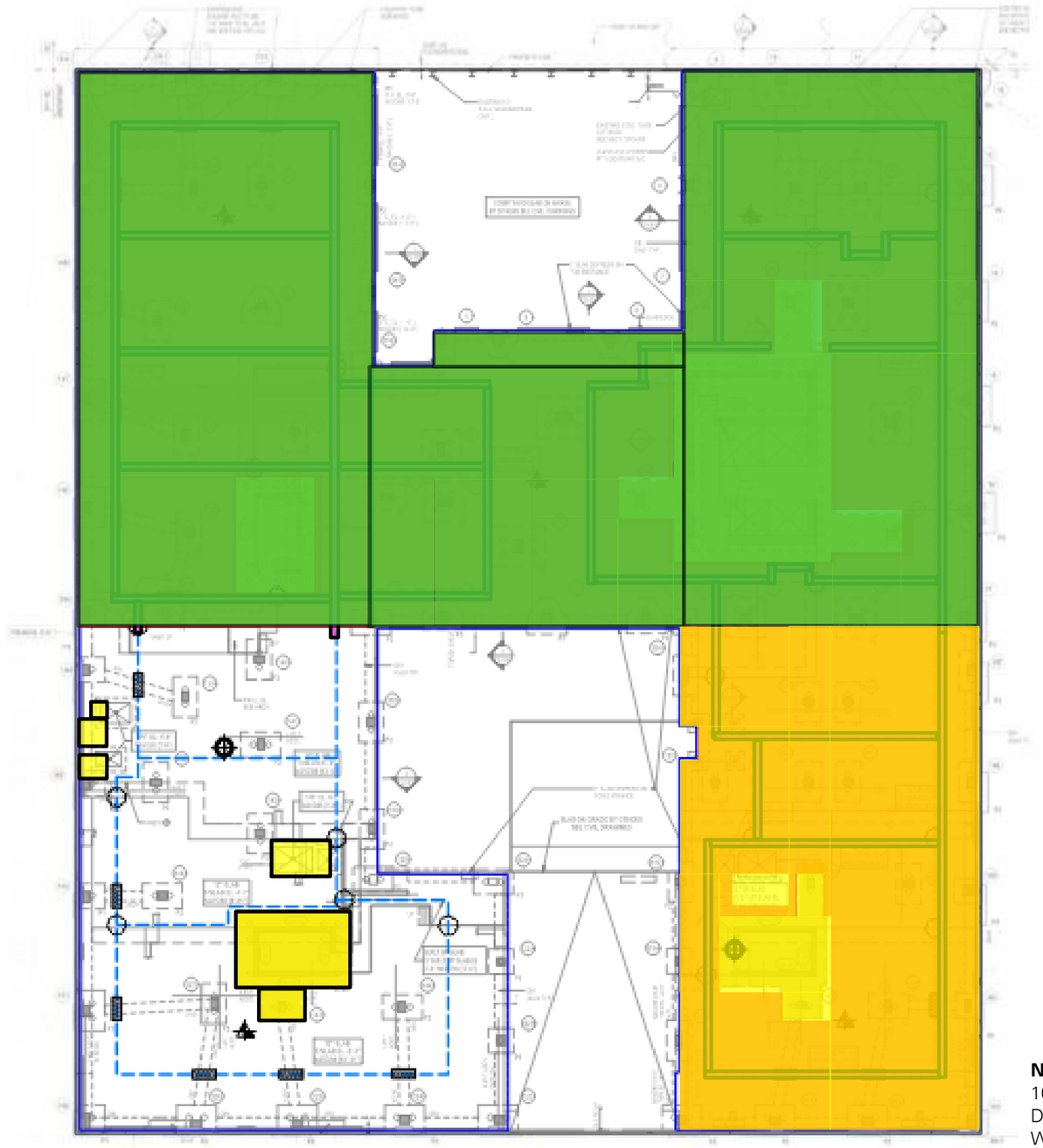
Proposed Base Documentation Sample Location

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

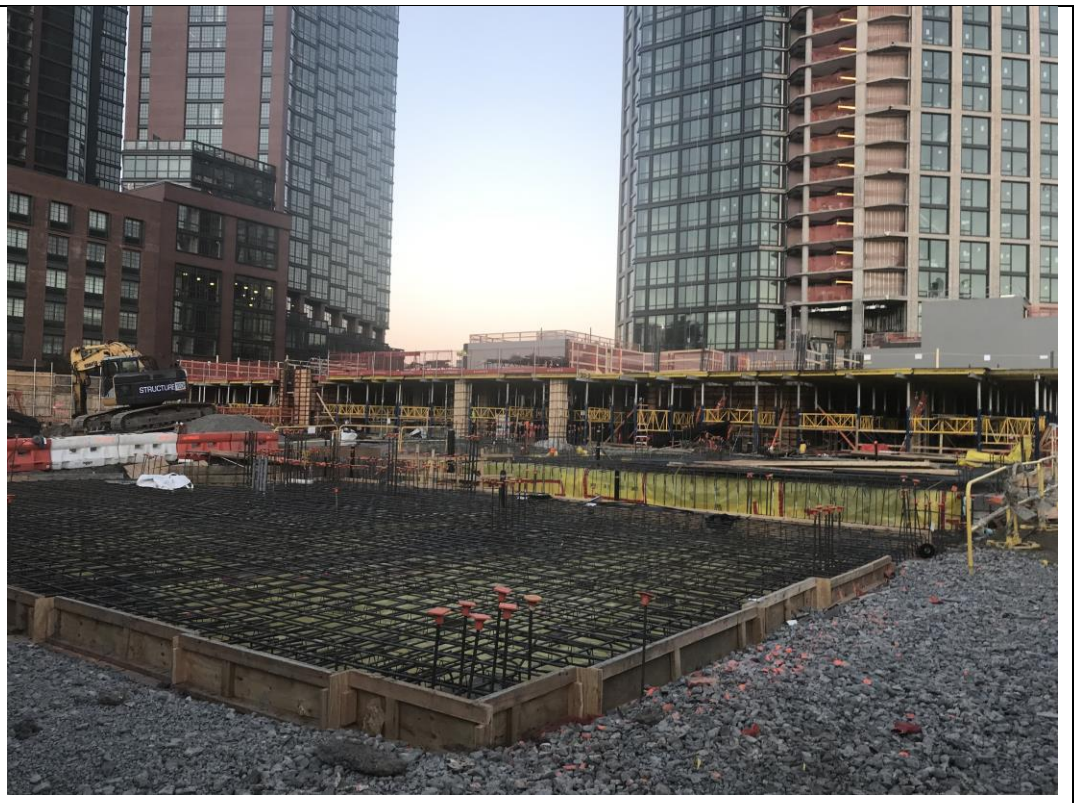
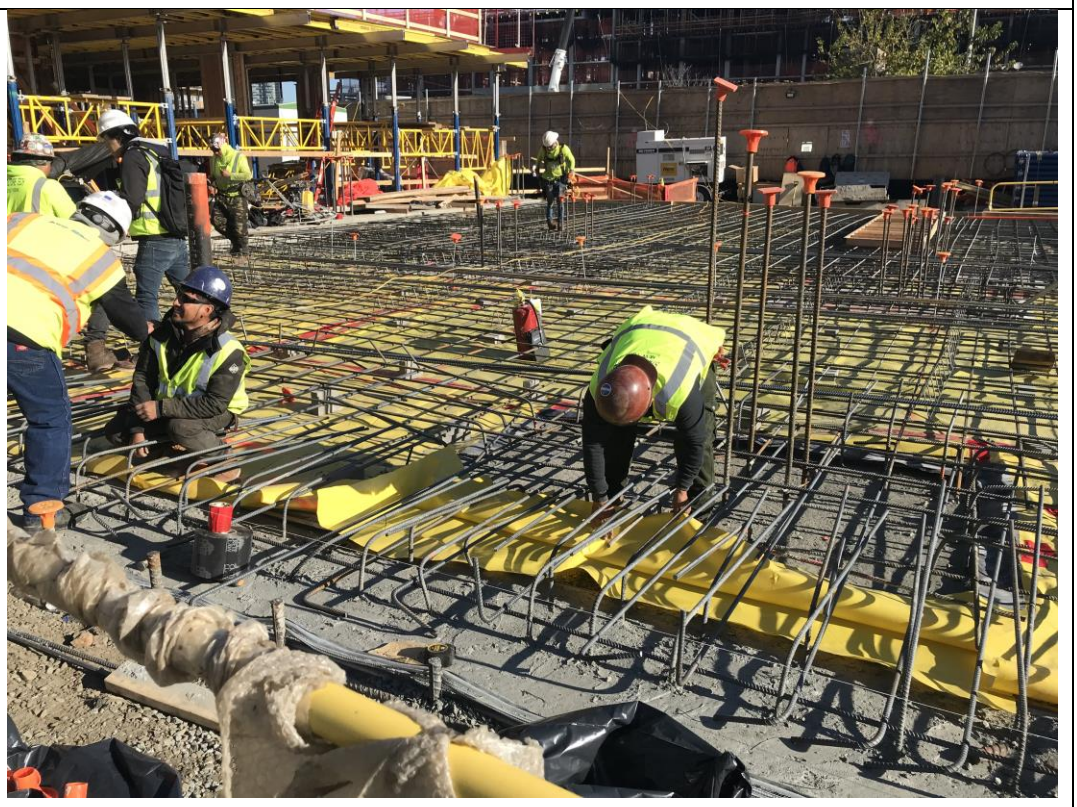
Photo 1: General view of the site at the start of the day (facing northwest).	
Photo 2: View of STNY installing vapor barrier in waste characterization grids COMP A and COMP B (facing east).	

Photo 3: View of STNY backfilling with imported 0.75-inch stone in waste characterization grid COMP J South (facing west).	
Photo 4: View of STNY importing 0.75-inch virgin stone from Tilcon – Mt. Hope Quarry (facing north).	

File Name: 2021-11-08 Daily Field Report_087

DAILY FIELD REPORT 088

Prepared By: LANGAN

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

BCP Project No:	C224304	**Date:**	November 9, 2021
Project Name:	45 Commercial Street	**Time:**	6:30 am to 4:00 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:
Yaskira Mota

Work Activities Performed:

- STNY regraded/flattened an about 60-foot-long by 20-foot-wide area in waste characterization grid COMP H to prepare for sub-membrane depressurization (SMD) system installation. Excess material consisted of non-native soil that did not exhibit signs of chemical- or petroleum-like contamination, and was stockpiled in waste characterization grid COMP H.
- STNY poured concrete for the building foundation slab in an about 105-foot-long by 60-foot-wide area in waste characterization grids COMP A and COMP B.

Material Tracking:

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

Samples Collected:

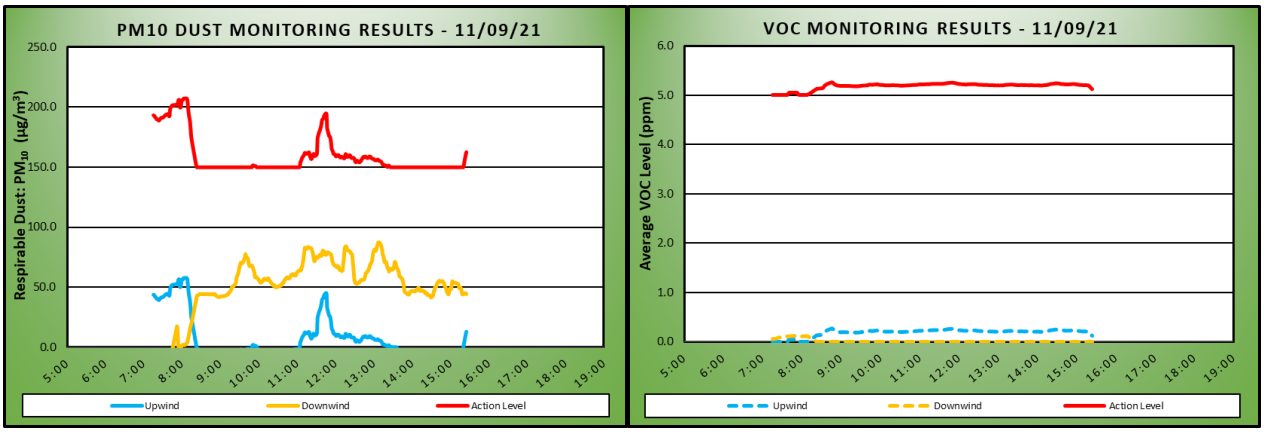
- Langan collected three sidewall documentation samples in waste characterization grid COMP K. The documentation soil samples were submitted to Alpha Analytical Laboratories, Inc. for analysis of Part 375 volatile organic compounds (VOC), Part 375 semivolatile organic compounds (SVOC) including 1,4-dioxane, polychlorinated biphenyls (PCB), pesticides/herbicides, target analyte list (TAL) metals including hexavalent and trivalent chromium, and per- and polyfluoroalkyl substances (PFAS).
    - EPSW14
    - EPSW13
    - EPSW12

Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	43.4		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	7.1	48.6	Daily Time Weighted Average	0.2	0.0
Maximum 15-min Average	57.5	87.0	Maximum 15-min Average	0.3	0.1
Minimum 1-min Instant Reading	0.0	0.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	192.0	161.3	Maximum 1-min Instant Reading	0.5	0.2

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:

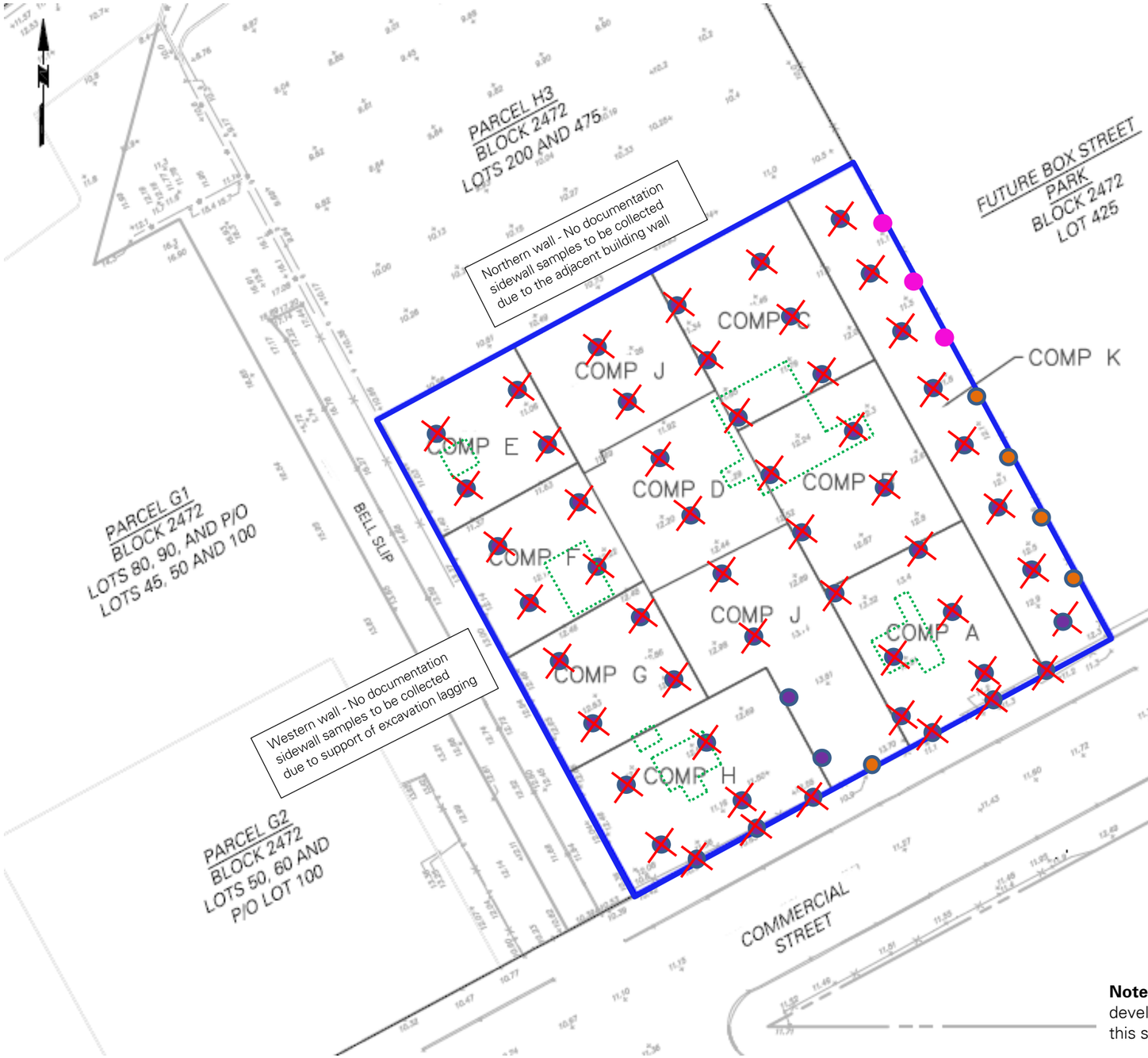
- STNY will continue mass excavating for the remedy and utilities and will continue exporting soil for off-site disposal.
- STNY will continue installing SMD system components and the vapor barrier.
- STNY will continue pouring concrete for the foundation slab.

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**

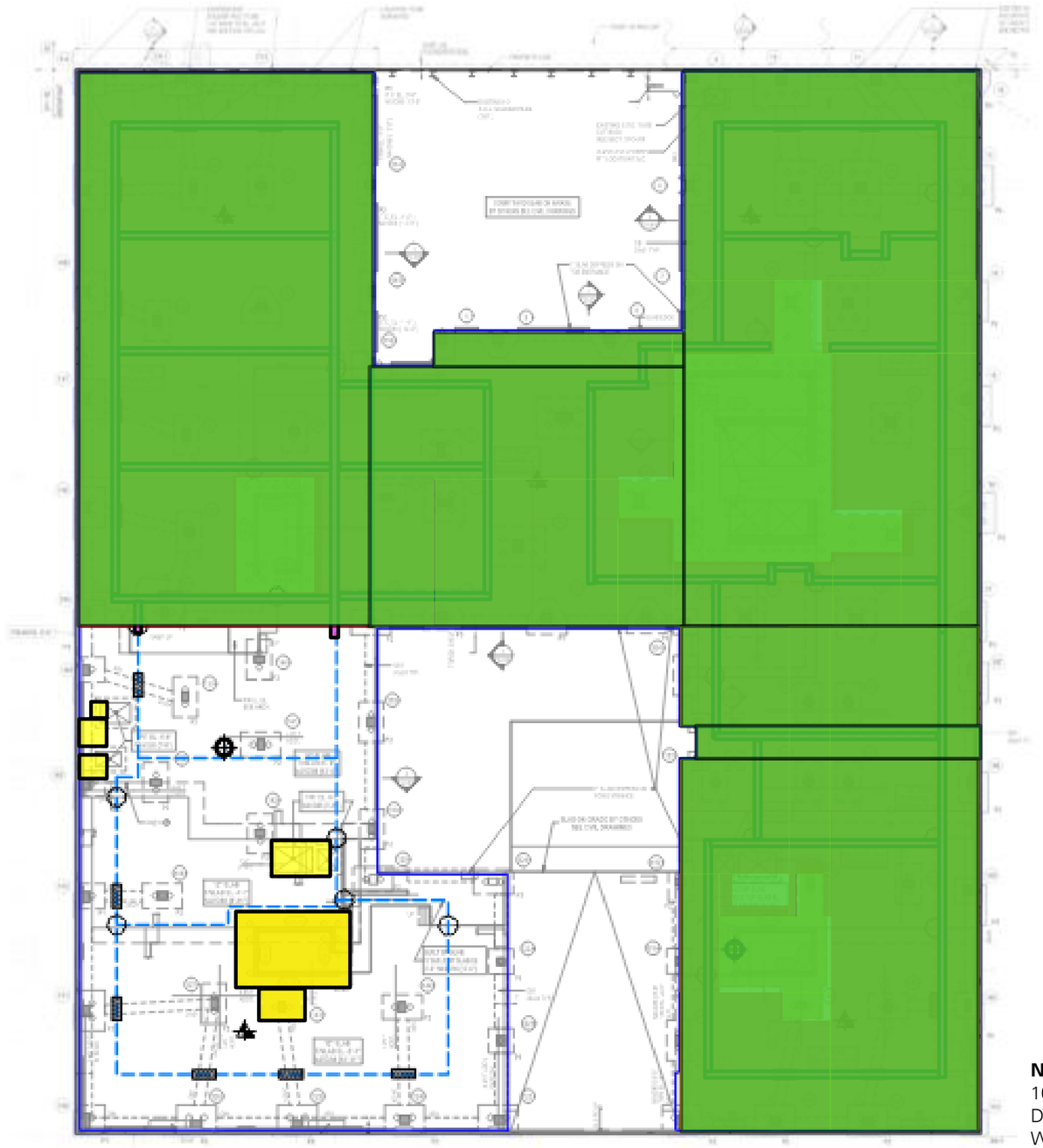
DOCUMENTATION SAMPLE PLAN



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**

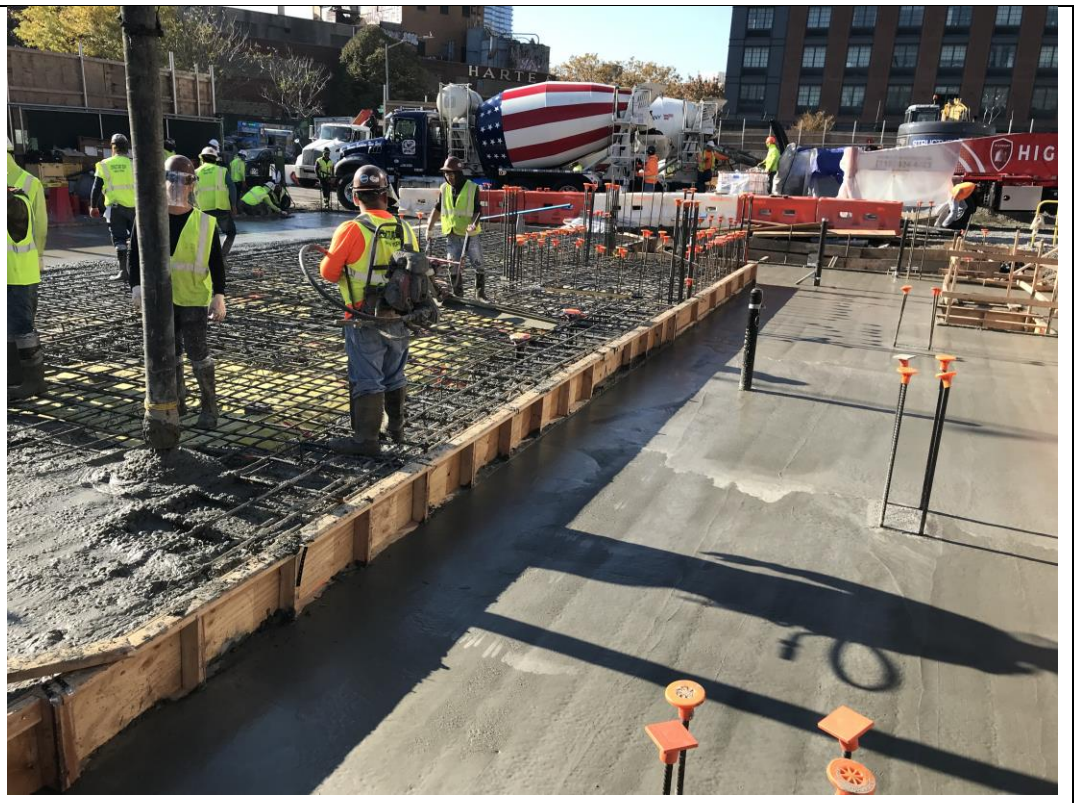
WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP



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**
- **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 pouring concrete foundation in waste characterization grid COMP A (facing west).	
Photo 2: View of STNY pouring concrete foundation in waste characterization grid COMP B (facing north).	

File Name: 2021-11-09 Daily Field Report_088

Photo 3: View of STNY regrading/flattening an area in waste characterization grid COMP H in preparation for installation of the SMD system (facing west).	
Photo 4: General view of the site at the end of the day (facing north).	

DAILY FIELD REPORT 089

Prepared By: LANGAN

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

BCP Project No:	C224304	**Date:**	November 10, 2021
Project Name:	45 Commercial Street	**Time:**	6:30 am to 3:30 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 30-foot-long by 8-foot-wide area to 5 feet below grade surface (bgs) (from original site grade) in waste characterization grids COMP G (0-5) and COMP H (0-5) for the installation of electric utility piping. Excavated material consisted of non-native soil, did not exhibit signs of chemical- or petroleum-like contamination, and was added to an existing stockpile in waste characterization grid COMP J South and COMP H.
- STNY backfilled the following areas of the site with New York State Department of Environmental Conservation (NYSDEC)-approved 0.75-inch virgin stone from Tilcon - Mt. Hope Quarry to fill in previous excavations.
    - An about 62-foot-long by 2-foot-wide area in waste characterization grids COMP H and COMP G, from a maximum depth of 8 feet bgs (from original site grade) to about 4 feet bgs.
    - An about 8-foot-long by 8-foot-wide area in waste characterization grid COMP K, from a maximum depth of 6 feet bgs (from original site grade) to about original site grade.
- STNY loaded trucks with a soil stockpile[1] in waste characterization grid COMP J South and a soil stockpile[2] in waste characterization grid COMP K for off-site disposal to the Clean Earth of Carteret (CEC) facility located in Carteret, New Jersey.
- STNY relocated a soil stockpile[3] from waste characterization grid COMP J South and added it to Soil Stockpile 1 located in waste characterization grid COMP J South.
- STNY combined two soil stockpiles[4] in waste characterization grid COMP H.
- 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 60-foot-long by 21-foot-wide area, an about 30-foot-long by 11-foot-wide area, and about 22-foot-long by 17-foot-wide area in waste characterization grid COMP H, 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 100 feet of 4-inch diameter perforated polyvinyl chloride (PVC) piping, wrapped with a polyester filter sleeve, was placed in waste characterization grid COMP H within the gas permeable aggregate layer for the SMD system.

[1] COMP H (5-8), COMP J South (6-7), COMP J North (2-5), COMP K (6-7), COMP F (0-5), COMP D (0-5)
[2] MEP Trench COMP-1
[3] COMP A (0-5)
[4] COMP H (0-5)

Material Tracking:

- The following soil/fill was exported from the site:
    - Two loads of non-native soil was transported to the CEC facility located in Carteret, NJ.
- The following materials were imported to the site:
    - Four loads of 0.75-inch virgin stone from Tilcon – Mt. Hope Quarry located in Wharton Borough, NJ.

Samples Collected:

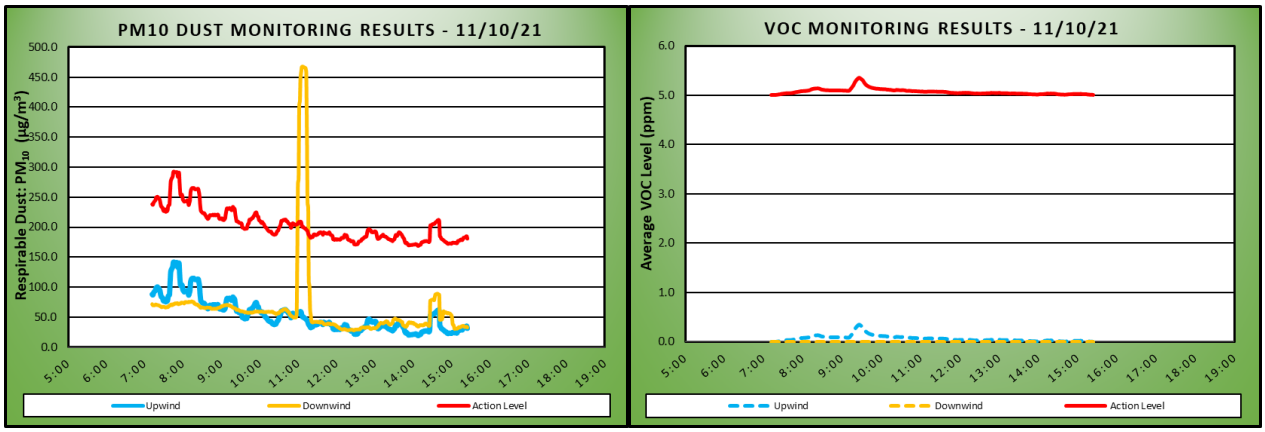
- No samples were collected.

Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	88.4		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	53.1	64.6	Daily Time Weighted Average	0.1	0.0
Maximum 15-min Average	142.5	467.5	Maximum 15-min Average	0.3	0.0
Minimum 1-min Instant Reading	9.5	23.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	401.8	1,895.0	Maximum 1-min Instant Reading	0.5	0.1

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

Particulate exceedances were recorded at the downwind station from 11:00 to 11:16 due to nearby sawing of rebar. No other 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:

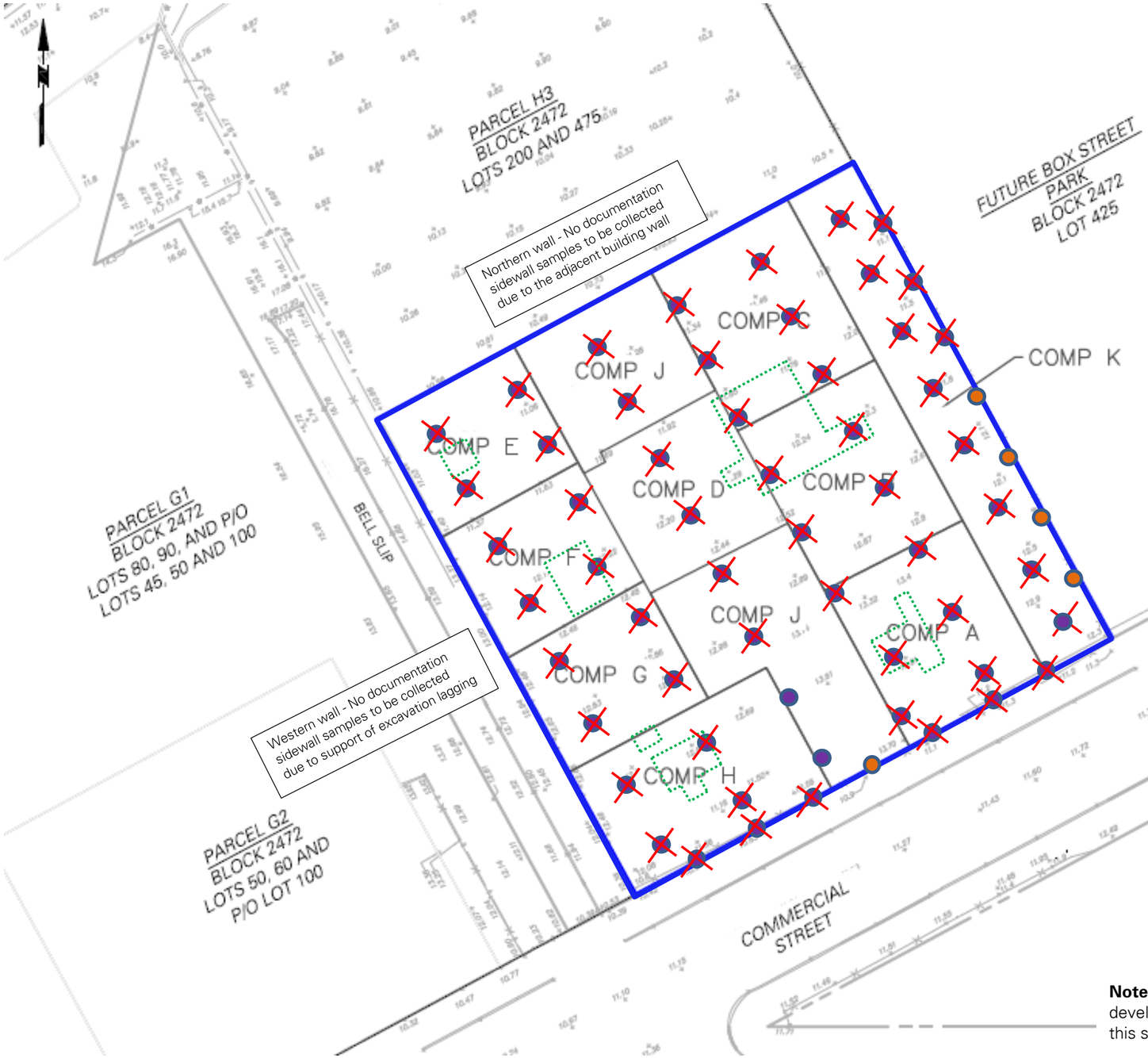
- STNY will continue mass excavating for the remedy and utilities and will continue exporting soil for off-site disposal.
- STNY will continue installing SMD system components and the vapor barrier.
- STNY will continue pouring concrete for the foundation slab.

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**

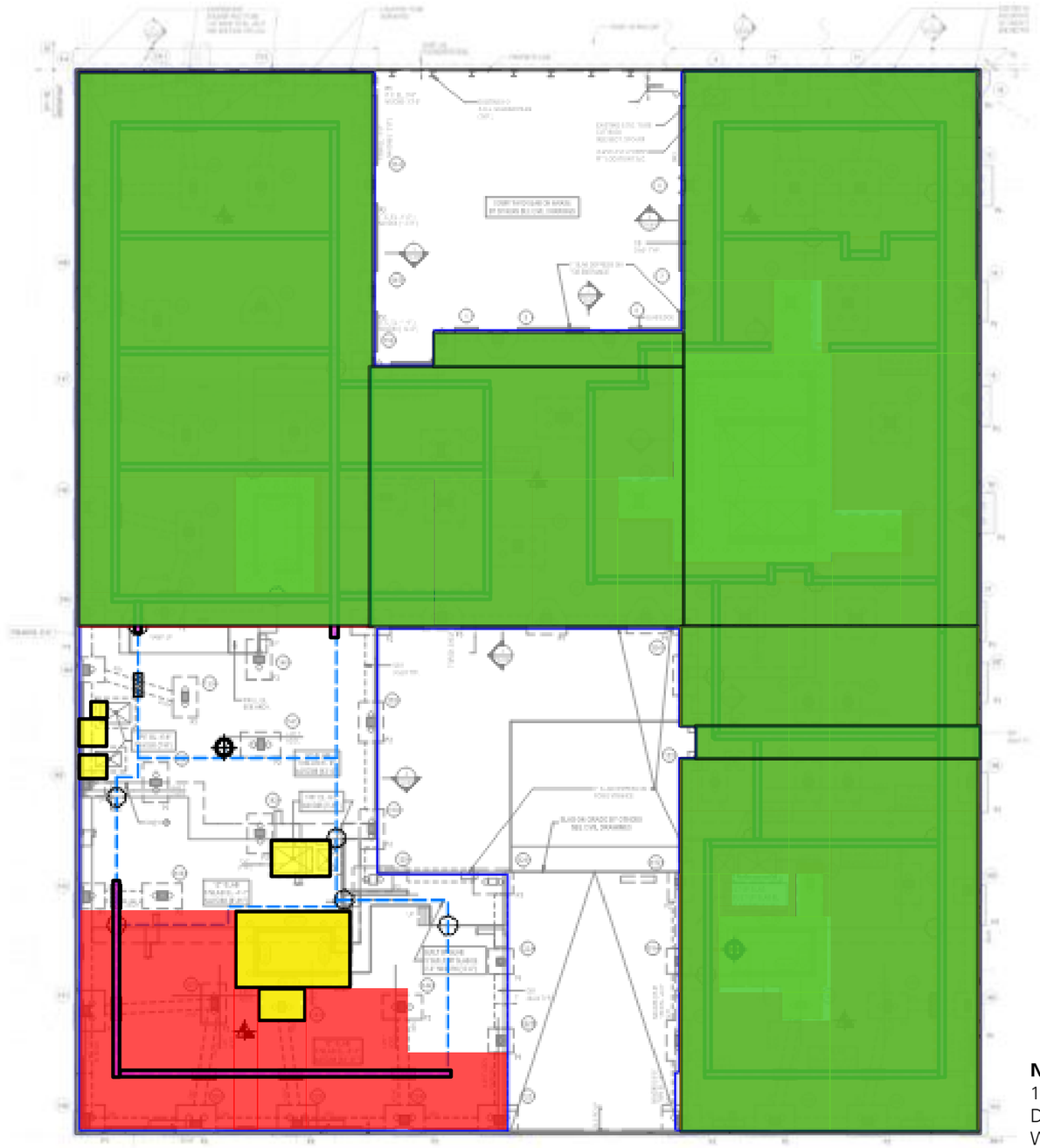
DOCUMENTATION SAMPLE PLAN



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**
- **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

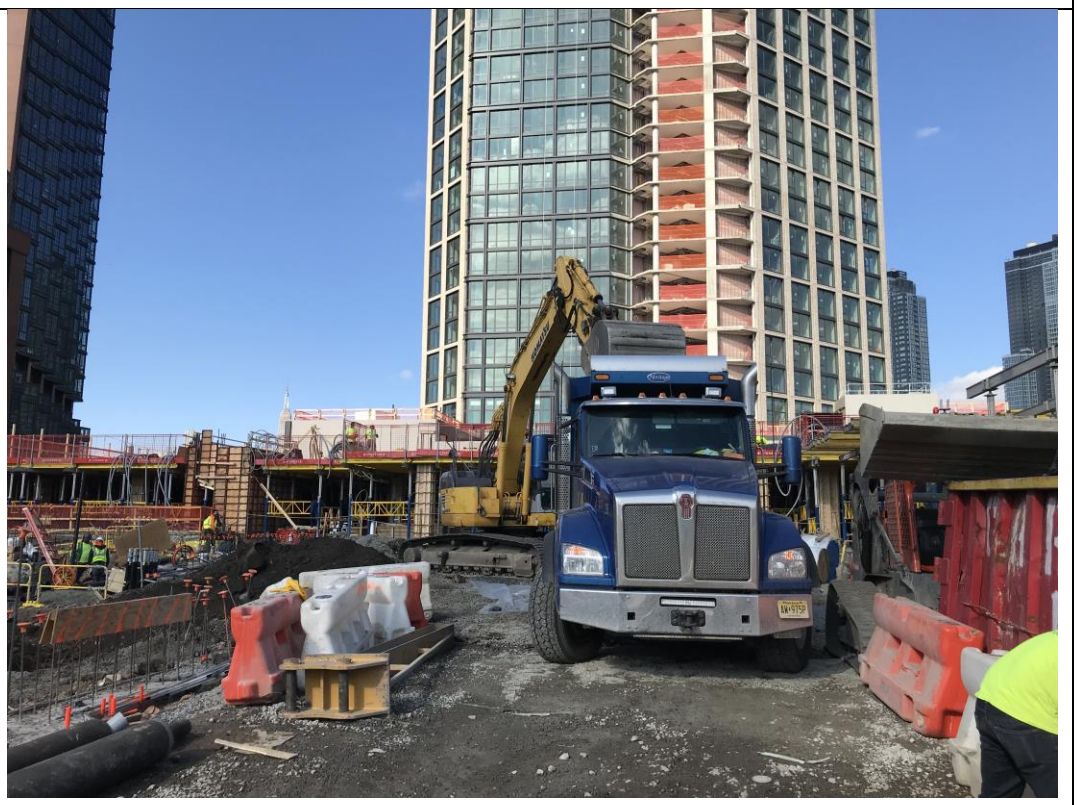
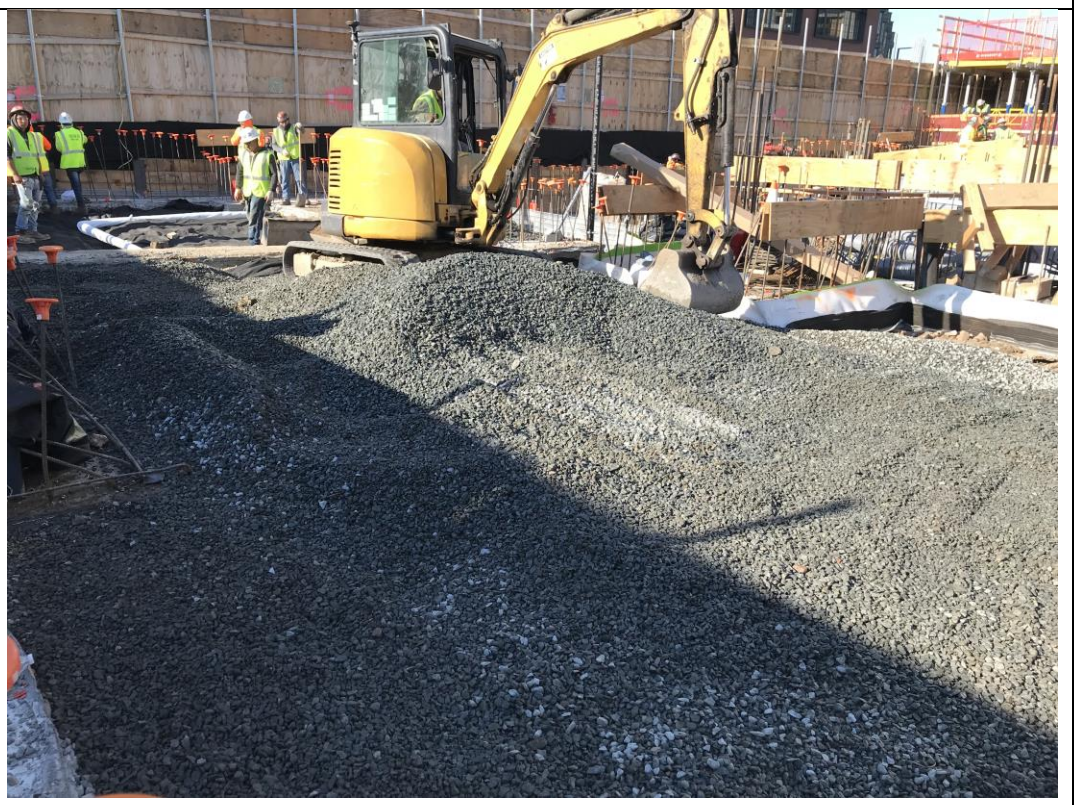
Photo 1: View of STNY placing geotextile fabric (Mirafi 140N) for the SMD system in waste characterization grid COMP H (facing north).	
Photo 2: View of STNY loading a truck with soil for off-site disposal to the CEC facility (facing north).	

Photo 3: View of STNY backfilling with imported stone in waste characterization grid COMP K (facing north).	
Photo 4: View of STNY backfilling with imported stone for the SMD system in waste characterization grid COMP H (facing northwest).	

File Name: 2021-11-10 Daily Field Report_089

DAILY FIELD REPORT 090

Prepared By: LANGAN

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

BCP Project No:	C224304	**Date:**	November 11, 2021
Project Name:	45 Commercial Street	**Time:**	6:30 am to 3:30 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 the following areas of the site:
    - An about 10-foot-long by 8-foot-wide area to 8 feet below grade surface (bgs) (from original site grade) in waste characterization grid COMP G for the installation of pile cap formwork. Excavated material consisted of non-native soil, did not exhibit signs of chemical- or petroleum-like contamination.Soil from waste characterization grid COMP G (0-5) and soil from waste characterization grid COMP G below 5 feet bgs were not comingled during excavation. Soil from the 0-5 interval was added to an existing stockpile[1] in waste characterization grid COMP H and soil from the 5-8 interval was stockpiled in COMP J South.
    - An about 20-foot-long by 6-foot-wide area to 5 feet bgs (from original site grade) in waste characterization grid COMP J South for electric utility piping. Excavated material consisted of imported 0.75-inch virgin stone from Tilcon - Mt. Hope Quarry and was stockpiled adjacent to the excavation in COMP J South.
- STNY backfilled the following areas of the site with New York State Department of Environmental Conservation (NYSDEC)-approved 0.75-inch virgin stone from Tilcon - Mt. Hope Quarry to fill in previous excavations.
    - An about 30-foot-long by 5-foot-wide area in waste characterization grids COMP H and COMP G, from 5 feet bgs (from original site grade) to about 2 feet bgs.
    - An about 36-foot-long by 2-foot-wide area in waste characterization grid COMP G , from a maximum depth of 8 feet bgs (from original site grade) to 4 feet bgs.
- STNY regraded/flattened an about 54-foot-long by 20-foot-wide area (from original site grade) in waste characterization grids COMP H and COMP G to prepare for sub-membrane depressurization (SMD) system installation. Excess material consisted of non-native soil that did not exhibit signs of chemical- or petroleum-like contamination, and was added to an existing soil stockpile[2] in waste characterization grid COMP H or was live-loaded into trucks for off-site disposal.
- STNY loaded trucks with a soil stockpile[3] in waste characterization grid COMP H for off-site disposal to the Clean Earth of Bethlehem (CEPA) facility located in Bethlehem, Pennsylvania.
- 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 30-foot-long by 20-foot-wide area and an about 27-foot-long by 20-foot-wide area in waste characterization grids

[1] COMP H (0-5)
[2] COMP H (0-5), COMP G (0-5)
[3] COMP H (0-5) and COMP G (0-5)

COMP H and COMP G, and an about 8-foot-long by 8-foot-wide area in waste characterization grid COMP H, 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 35 feet of 4-inch diameter perforated polyvinyl chloride (PVC) piping, wrapped with a polyester filter sleeve, was placed in waste characterization grid COMP H 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 21-foot-wide area and an about 30-foot-long by 11-foot-wide area in waste characterization grid COMP H, and an about 22-foot-long by 17-foot-wide area in waste characterization grid COMP G 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:

- The following soil/fill was exported from the site:
  - Two loads of non-native soil was transported to the CEPA facility located in Bethlehem, Pennsylvania.
- The following materials were imported to the site:
  - Two loads of 0.75-inch virgin stone from Tilcon – Mt. Hope Quarry located in Wharton Borough, New Jersey.

Samples Collected:

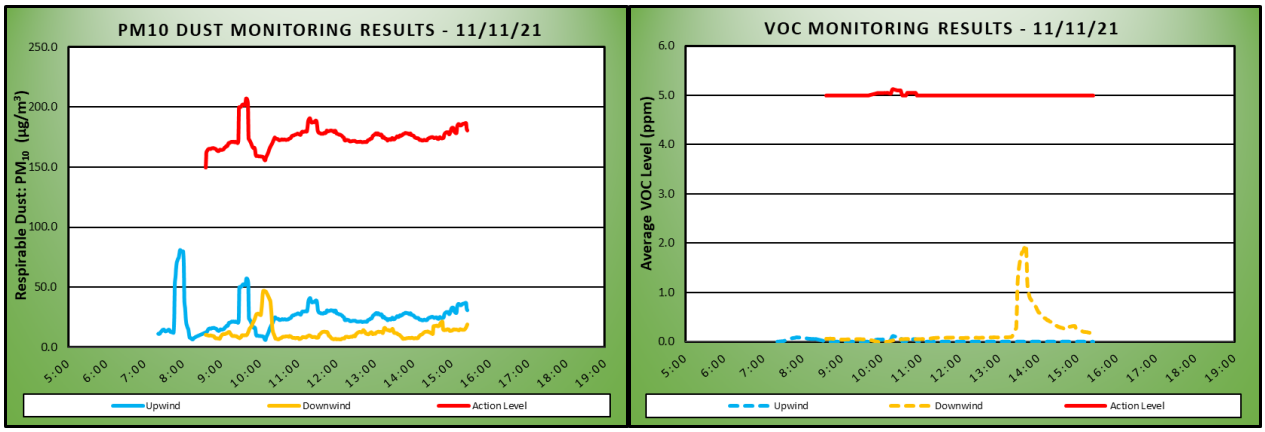
- No samples were collected.

Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	11.2		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	25.0	12.2	Daily Time Weighted Average	0.0	0.2
Maximum 15-min Average	80.8	46.9	Maximum 15-min Average	0.1	2.0
Minimum 1-min Instant Reading	4.3	3.8	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	474.3	140.8	Maximum 1-min Instant Reading	0.6	7.7

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

Data was not collected at the downwind station from 7:06 to 8:20 due to a temporary connectivity issue. No other 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:

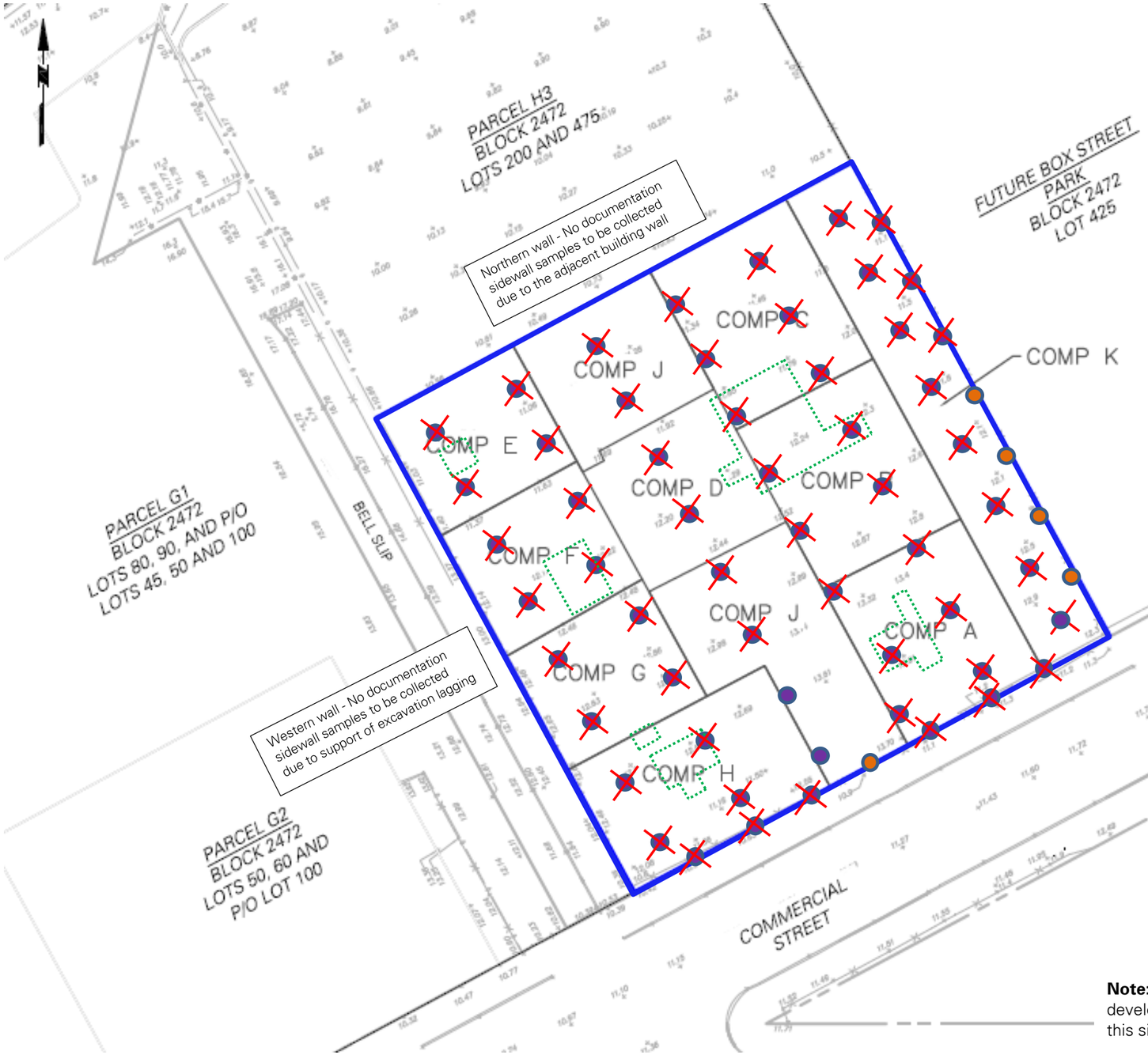
- STNY will continue mass excavating for the remedy and utilities and will continue exporting soil for off-site disposal.
- STNY will continue installing SMD system components and the vapor barrier.
- STNY will continue pouring concrete for the foundation slab.

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**

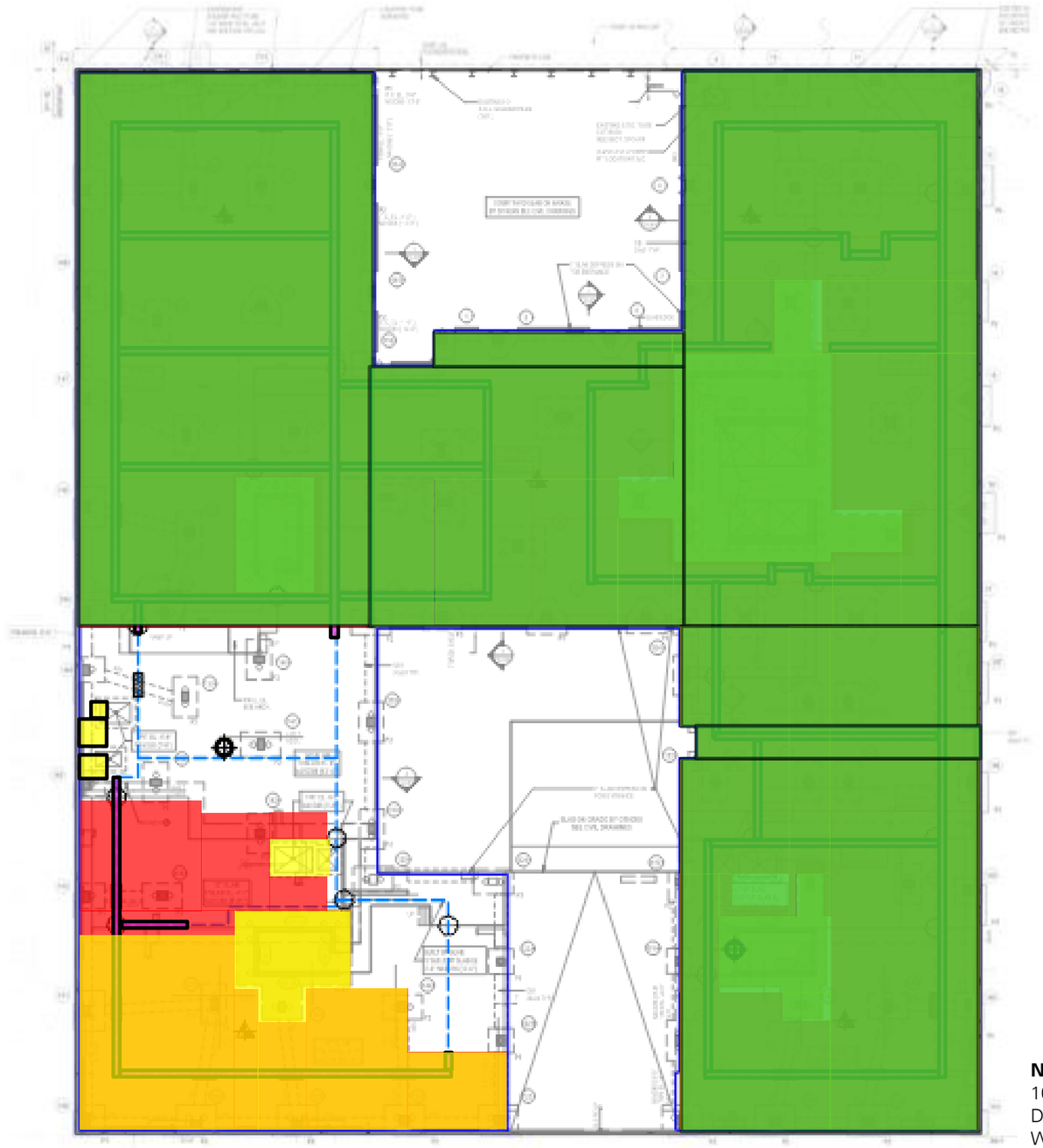
DOCUMENTATION SAMPLE PLAN



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**
- **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

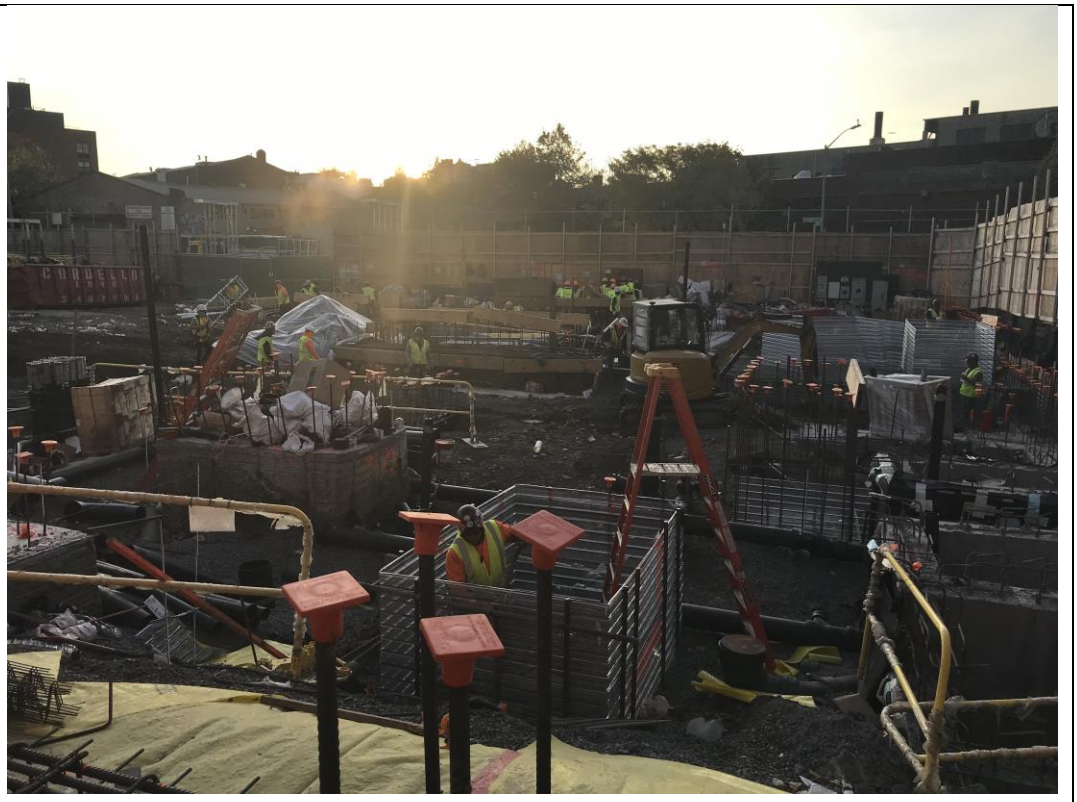
Photo 1: General view of the site at the start of the day (facing south).	
Photo 2: View of STNY loading a truck with soil for off-site disposal to the CEPA facility (facing north).	

Photo 3: View of STNY backfilling a utility trench with imported stone in waste characterization grid COMP H (facing west).	
Photo 4: View of STNY installing vapor barrier membrane (Stego® Wrap 20 Mil) in waste characterization grid COMP H (facing west).	

DAILY FIELD REPORT 091

Prepared By: LANGAN

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

BCP Project No:	C224304	**Date:**	November 12, 2021
Project Name:	45 Commercial Street	**Time:**	6:30 am to 9:15 am

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:
Caleb Bogin

Work Activities Performed:

- STNY excavated the following areas of the site to install electrical utilities in waste characterization grid COMP G. Excavated material consisted of non-native soil, did not exhibit signs of petroleum- or chemical-like impacts, and was added to Soil Stockpile 1.
    - An about 7-foot-long by 5-foot-wide area from about 1 foot below grade surface (bgs) (from original site grade) to about 3 feet bgs.
    - An about 6-foot-long by 5-foot-wide area from about 1 foot bgs (from original site grade) to about 2 feet bgs.

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

- Community air monitoring was not performed due to inclement weather. On-site sources of VOCs were not observed and dust was not observed migrating off-site.

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**
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- **Downwind CAMP station**
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- **Stockpile – Imported Material**
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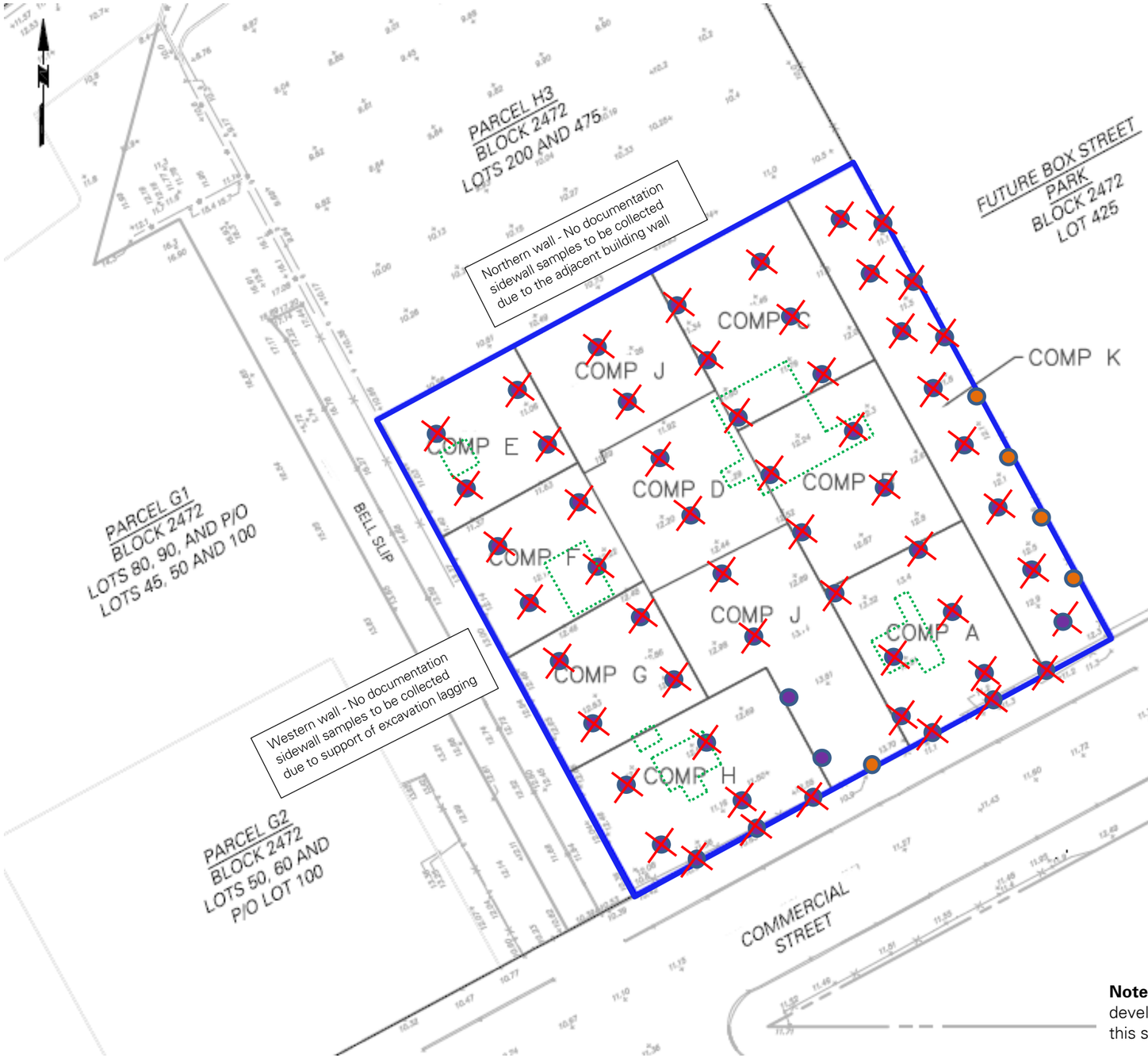
- **Approximate Area of Asphalt/Concrete Removal**
- **Approximate Location of Concrete Pouring**
- **Approximate Area of Installed Demarcation Layer**

DOCUMENTATION SAMPLE PLAN



Site Boundary

Waste Characterization Grid COMP I (5-10)

Proposed Base Documentation Sample Location

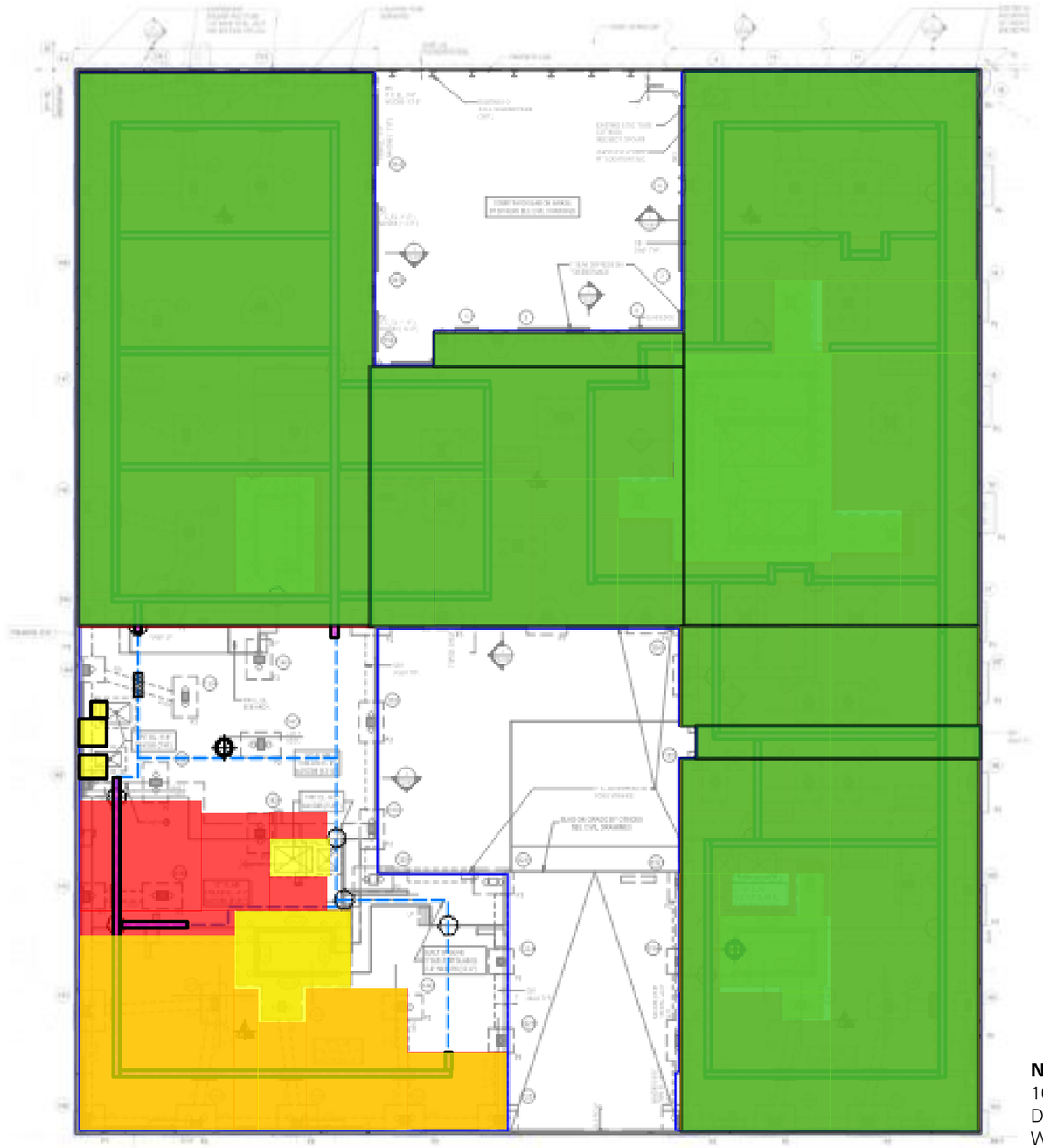
Proposed Base Documentation Sample Location

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



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- **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 the site (facing west).	
Photo 2: View of STNY excavating in waste characterization grid COMP J South to install electrical utilities (facing west).	

Photo 3: View of STNY excavating in waste characterization grid COMP J South to install electrical utilities (facing northeast).	
Photo 4: General view of the site (facing south).	

File Name: 2021-11-12 Daily Field Report_091