DAILY FIELD REPORT 053

Prepared By: LANGAN

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

BCP Project No:	C224304	**Date:**	September 20, 2021
Project Name:	45 Commercial Street	**Time:**	6:45 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:
Yaskira Mota Diaz

Work Activities Performed:

- STNY backfilled an about 51-foot-long by 11-foot-wide area in waste characterization grid COMP J North from about 3 feet below grade surface (bgs) to 2 feet bgs (from original site grade) with New York State Department Environmental Conservation (NYSDEC)-approved 0.75-inch virgin stone from Tilcon - Mt. Hope Quarry to fill in a previously excavated electric utility piping trench.
- STNY poured concrete for the mat slab in waste characterization grids COMP B, COMP C, and COMP D.

Material Tracking:

- No soil/fill was exported from the site.
- The following materials were imported to the site:
    - STNY imported two loads of 0.75-inch virgin stone from Tilcon - Mt. Hope Quarry.

Samples Collected:

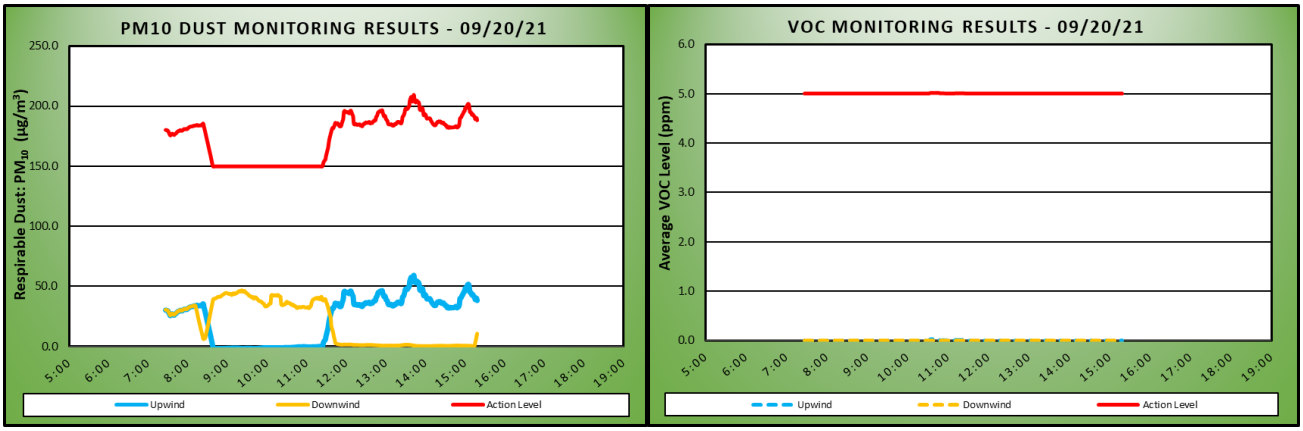
- No samples were collected on site.

Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	30.3		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	23.3	19.2	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	59.3	46.4	Maximum 15-min Average	0.0	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	124.3	135	Maximum 1-min Instant Reading	0.2	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:

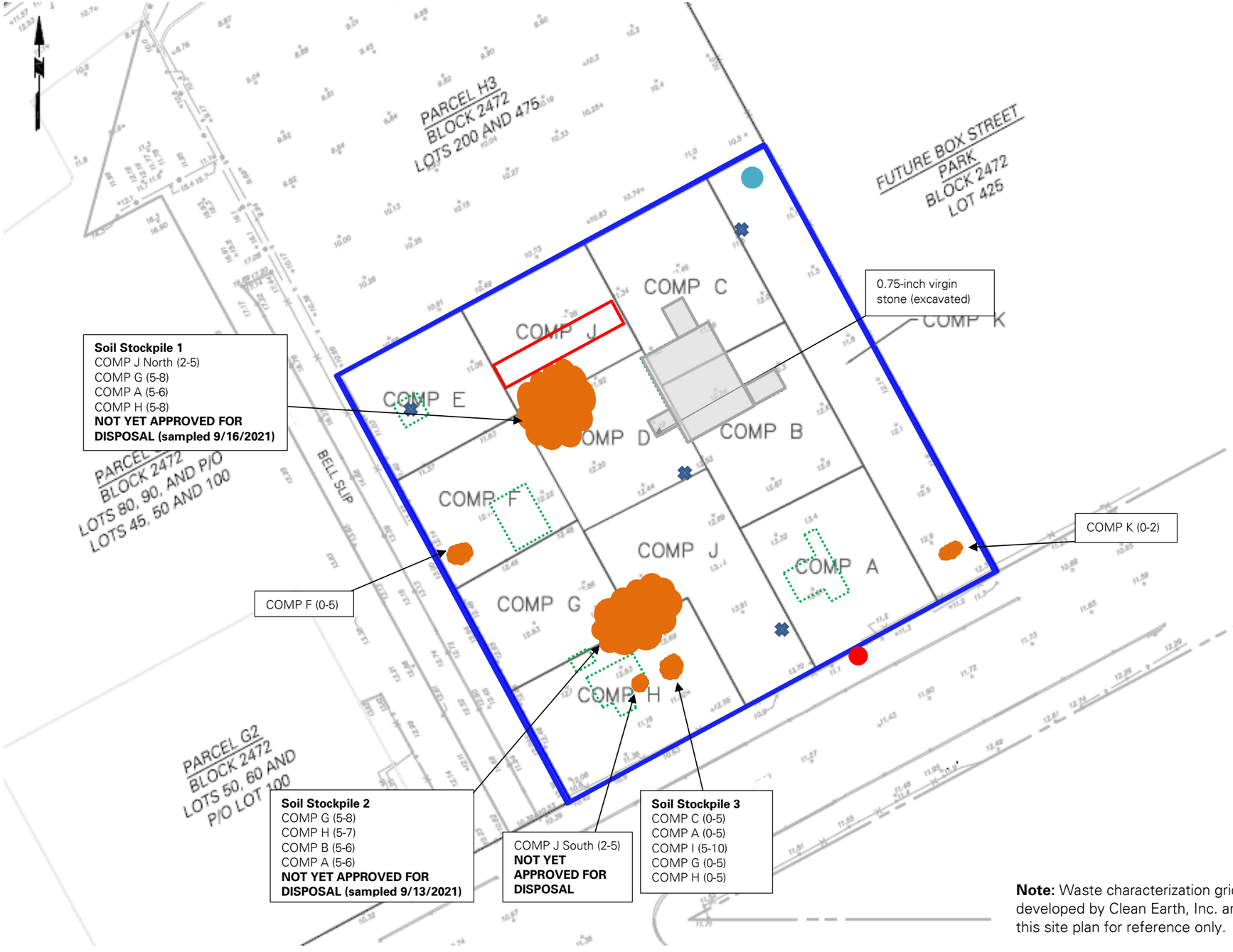


Planned Activities:

- STNY will continue mass excavating for the remedy, foundation elements, and utilities and will continue exporting soil for off-site disposal.
- STNY will continue pouring concrete for pile caps/grade beams.

File Name: 2021-09-20 Daily Field Report_053

SITE PLAN



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

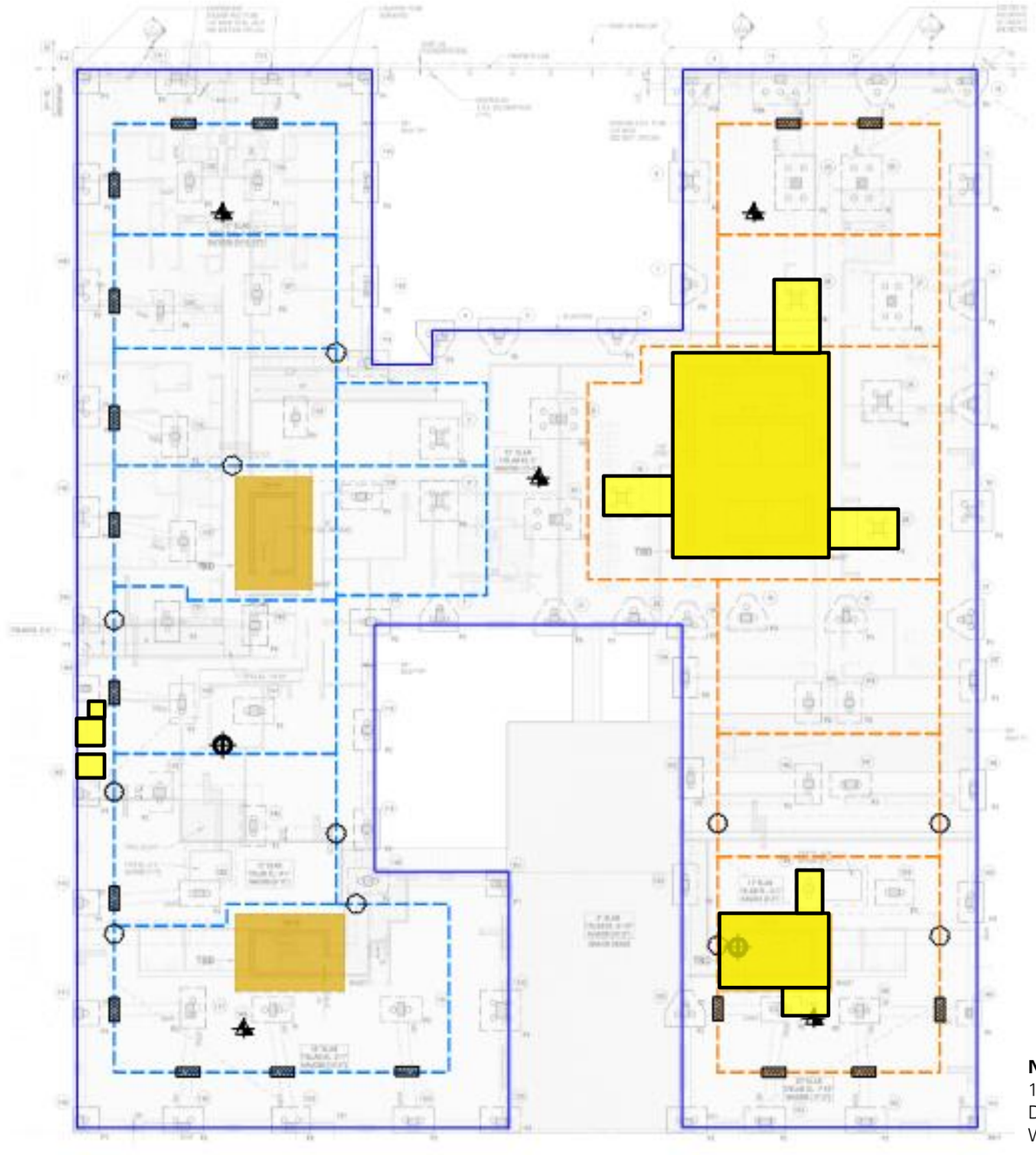
- **Site Boundary**
- **Waste Characterization Grid COMP I (5-10)**
- **Upwind CAMP station**
- **Downwind CAMP station**
- **Stockpile – Soil**
- **Stockpile – C&D (Concrete)**
- **Stockpile – Imported Material**
- **Approximate Location of Excavation**
- **Approximate Area of Backfilling**
- **Approximate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

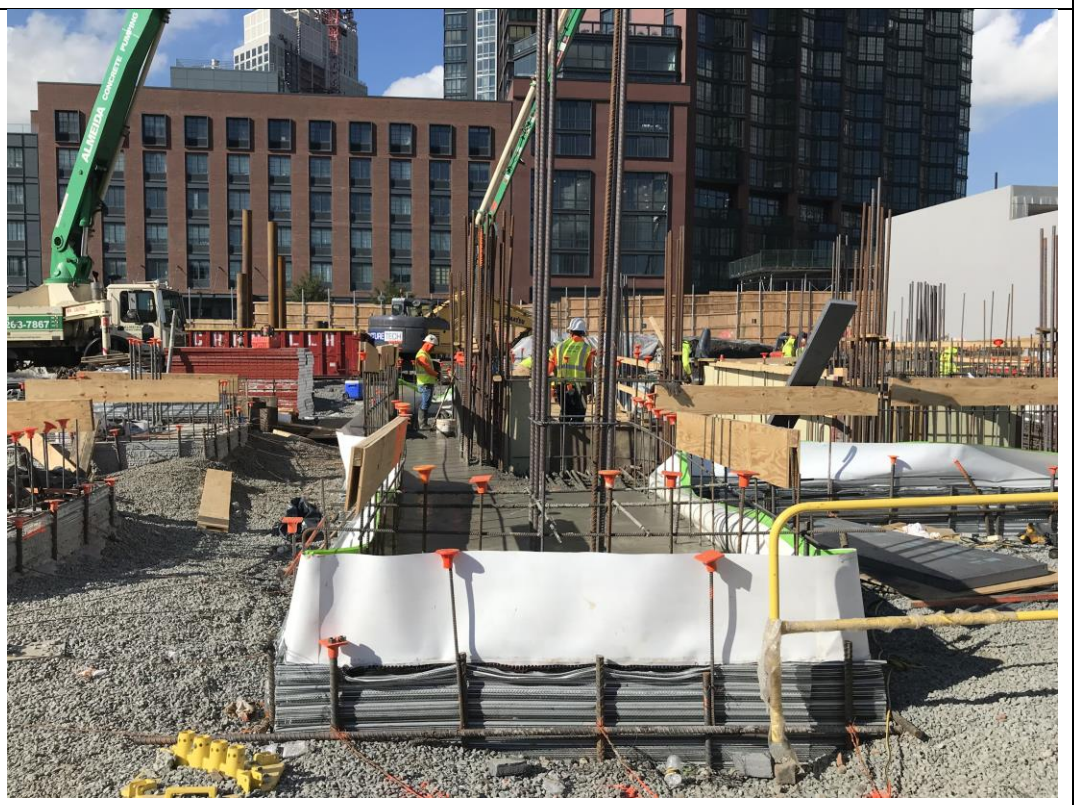
WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP



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 backfilling the electric utility trench in in waste characterization grid COMP J North (facing west).	
Photo 2: View of STNY pouring concrete on the mat slab in in waste characterization grids COMP B, COMP C and COMP D (facing west).	

File Name: 2021-09-20 Daily Field Report_053

Photo 3: View of backfilled electric utility trench in waste characterization grid COMP J North (facing west)	
Photo 4: View of truck unloading imported 0.75-inch stone (facing north).	

File Name: 2021-09-20 Daily Field Report_053

DAILY FIELD REPORT 054

Prepared By: LANGAN

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

BCP Project No:	C224304	**Date:**	September 21, 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 LLC (CE)

Langan Field Personnel:
Yaskira Mota Diaz
Caroline Devin

Work Activities Performed:

- STNY excavated the following areas of the site. Excavated material consisted of non-native soil and did not exhibit signs of chemical- or petroleum-like contamination.
    - An about 60-foot-long by 10-foot-wide area to a maximum depth of 7 feet below grade surface (bgs) (from original site grade) in waste characterization grid COMP A and COMP J South for pile cap and grade beam installations. Soil from waste characterization grid COMP A (0-5) and COMP J South (0-2), soil from waste characterization grid COMP A below 5 feet bgs, and soil from COMP J South below 2 feet bgs were not comingled during excavation and were added to Soil Stockpile 3, Soil Stockpile 4, or stockpiled in waste characterization grid COMP H.
    - An about 20-foot-long by 14-foot-wide area to a maximum depth of 10 feet bgs (from original site grade) in waste characterization grid COMP A for a sewage ejector pit installation. Soil from waste characterization grid COMP A (0-5) and soil from waste characterization grid COMP A below 5 feet bgs not comingled during excavation and were added to Soil Stockpile 3, stockpiled in waste characterization grid COMP H or stockpiled on the boundary of waste characterization grids COMP A and COMP B.
    - An about 30-foot-long by 20-foot-wide area to a maximum depth of 3 feet bgs (from original site grade) in waste characterization grids COMP A and COMP B to allow site personnel to access to the sewage ejector pit excavation. Excavated material was live loaded onto trucks for off site disposal.
- STNY loaded trucks with soil from Soil Stockpile 3 for off-site disposal to the Clean Earth of Bethlehem (CEPA) facility located in Bethlehem, Pennsylvania

Material Tracking:

- The following soil/fill was exported from the site:
    - Six loads of non-native soil were transported to the CEPA facility located in Bethlehem, Pennsylvania.
- No material was imported to the site.

Samples Collected:

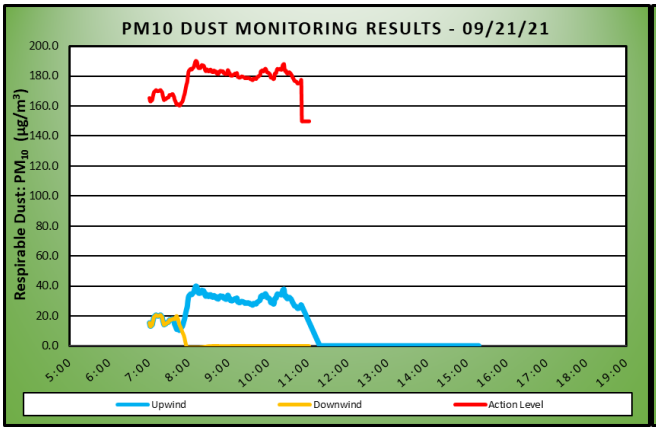
- Langan collected one hotspot endpoint sample from the LB18 hotspot excavation. The hotspot excavation soil sample was submitted to Alpha Analytical Laboratories, Inc. (Alpha) for analysis of per- and polyfluoroalkyl substances (PFAS). Four additional samples will be collected from the LB18 hotspot for PFAS analysis at a later date.
    - LB18_EPSW02_E_7 (east sidewall)

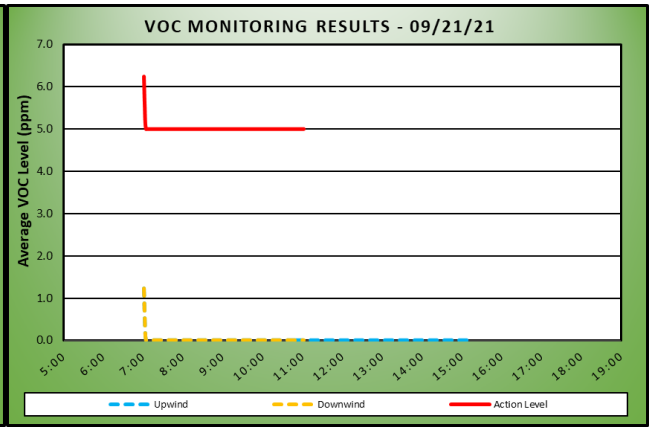
Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	15.5		Daily background	1.2	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	13.5	3.9	Daily Time Weighted Average	0.0	0.1
Maximum 15-min Average	40.1	20.7	Maximum 15-min Average	1.2	1.2
Minimum 1-min Instant Reading	0.0	0.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	85.3	46.5	Maximum 1-min Instant Reading	9.3	9.3

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

Data was not collected from the downwind station from 11:03 AM until the end of day due to an equipment malfunction. The equipment manufacturer was contacted and the equipment is scheduled for replacement on the following 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, foundation elements, and utilities and will continue exporting soil for off-site disposal.
- STNY will continue pouring concrete for pile caps/grade beams.

File Name: 2021-09-21 Daily Field Report_054

SITE PLAN

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

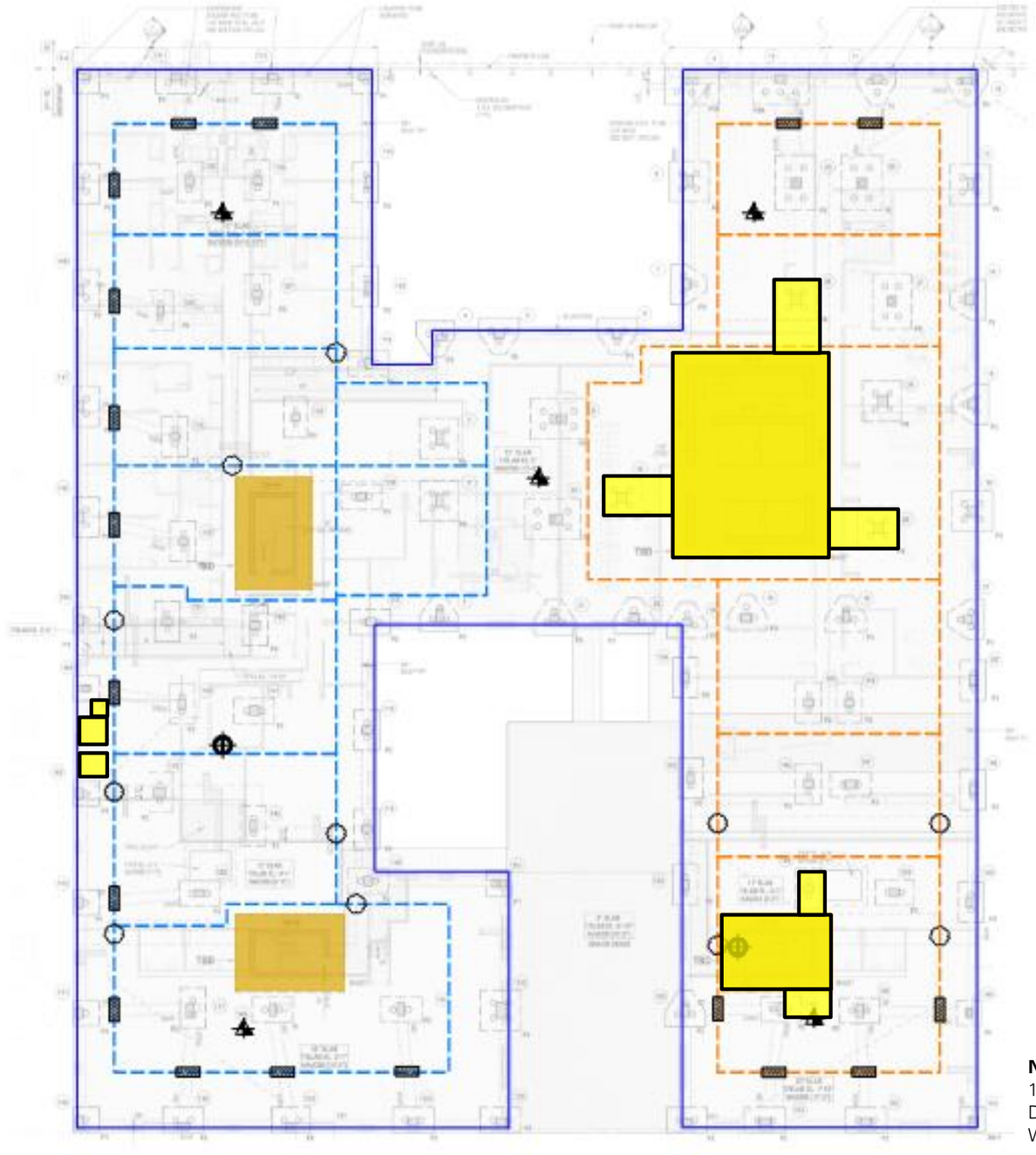
- **Site Boundary**
- **Waste Characterization Grid COMP I (5-10)**
- **Upwind CAMP station**
- **Downwind CAMP station**
- **Stockpile – Soil**
- **Stockpile – C&D (Concrete)**
- **Stockpile – Imported Material**
- **Approximate Location of Excavation**
- **Approximate Area of Backfilling**
- **Approximate Area of Regrading**
- **Approximate Area of Asphalt/Concrete Removal**
- **Approximate Location of Concrete Pouring**
- **Approximate 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 Sidewall Documentation Sample Location**
- **Documentation Sample Collected Today**
- **Previously Collected Documentation Sample**

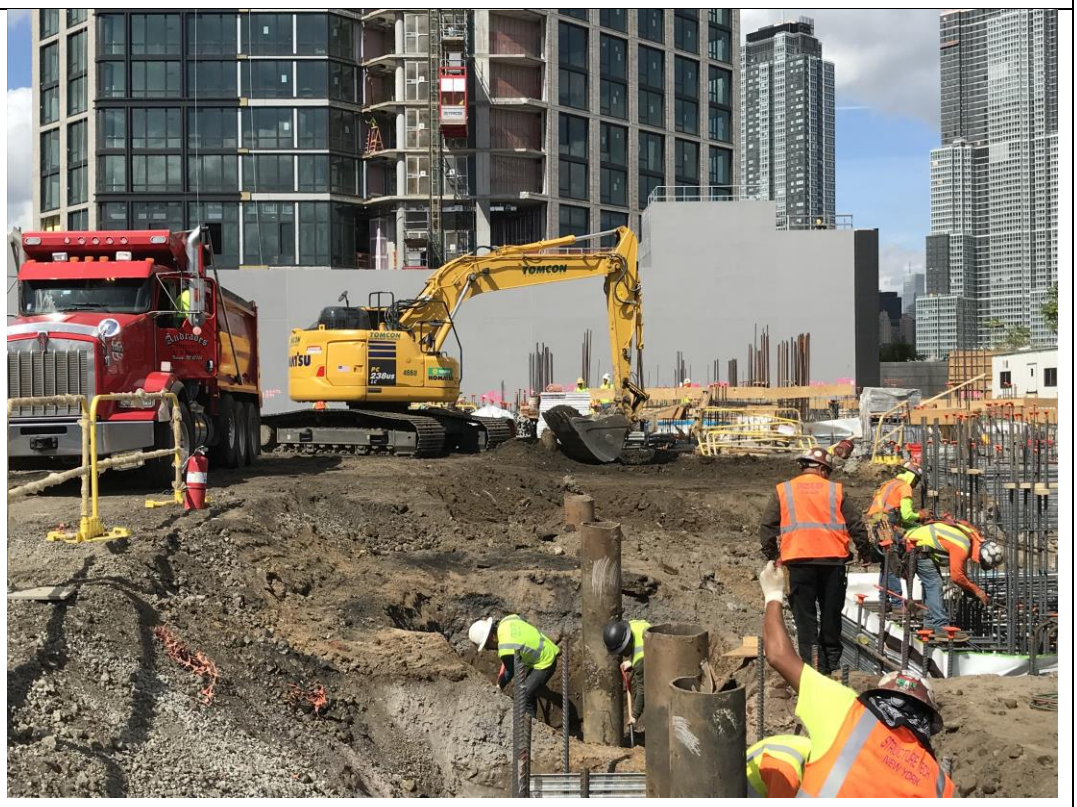
WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP



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 excavating for pile cap installation in waste characterization grid COMP A (facing west).	
Photo 2: View of STNY excavating in waste characterization grids COMP A and COMP B and live loading into a truck for off-site disposal to the CEPA facility (facing north).	

File Name: 2021-09-21 Daily Field Report_054

Photo 3: View of sewage ejector pit excavation in waste characterization grid COMP A (facing south)	
Photo 4: View of STNY loading a truck with soil from Soil Stockpile 3 for off-site disposal to the CEPA facility (facing north).	

DAILY FIELD REPORT 055

Prepared By: LANGAN

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

BCP Project No:	C224304	**Date:**	September 22, 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 Diaz

Work Activities Performed:

- STNY excavated 5 test pits to facilitate the collection of waste characterization samples in waste characterization grid COMP K for planned utility trenches. The test pits were about 9-feet-long by 6-feet-wide and were excavated to a depth of about 6 feet below grade surface (bgs) (from original site grade). Excavated material consisted of non-native soil, did not exhibit signs of chemical- or petroleum-like contamination, and was temporarily stockpiled adjacent to the excavation. Each test pit was backfilled with the same material that was previously excavated from that location.
- STNY excavated 3 test pits to facilitate the collection of waste characterization samples in waste characterization grids COMP J South, COMP B and COMP A for planned utility trenches. The test pits were about 12-feet-long by 6-feet-wide and were excavated to a depth of about 8 feet bgs (from original site grade). Excavated material consisted of non-native soil, did not exhibit signs of chemical- or petroleum-like contamination, and was temporarily stockpiled adjacent to the excavation. Each test pit was backfilled with the same material that was previously excavated from that location.
- STNY excavated an about 50-foot-long by 4-foot-wide L-shaped area to a maximum depth of 5 feet bgs (from original site grade) in waste characterization grids COMP F (0-5) and COMP G (0-5) for the installation of plumbing utility piping. Excavated material was stockpiled adjacent to the excavation in waste characterization grid COMP G.
- STNY excavated an about 13-foot-long by 8-foot-wide area to 8 feet bgs (from original site grade) in waste characterization grid COMP J South for pile cap installation. Excavated material consisted of 2 feet of previously backfilled 0.75 inch stone from Mt Hope Quarry and non-native soil that did not exhibit signs of chemical- or petroleum-like contamination. Excavated soil was added to Soil Stockpile 5.
    - Excavated 0.75-inch stone from Tilcon – Mt. Hope Quarry was used to backfill an about 40-foot-long by 3-foot-wide area in waste characterization grid COMP J South from about 7 feet bgs (from original site grade) to about 3 feet bgs (from original site grade).
- STNY relocated a soil stockpile located in waste characterization grid COMP H and added it to Soil Stockpile 5.
- STNY poured concrete for the sewage ejector pits in waste characterization grid COMP G.
- STNY installed Grace Preprufe® 300R Plus waterproofing/vapor barrier membrane, Preprufe® CJ Tape, Preprufe® Detail Tape, and Bituthene Mastic at the sewage ejector pit area in waste characterization grid COMP A. Waterproofing oversight is to verify general conformance with specifications and contract documents. Certification that the waterproofing meets the requirements of any warranty shall be in accordance with inspection performed by representatives of Grace, and does not relieve the Contractor from performing all work in accordance with the project specifications, Grace's standard details and their inspection recommendations.

Material Tracking:

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

Samples Collected:

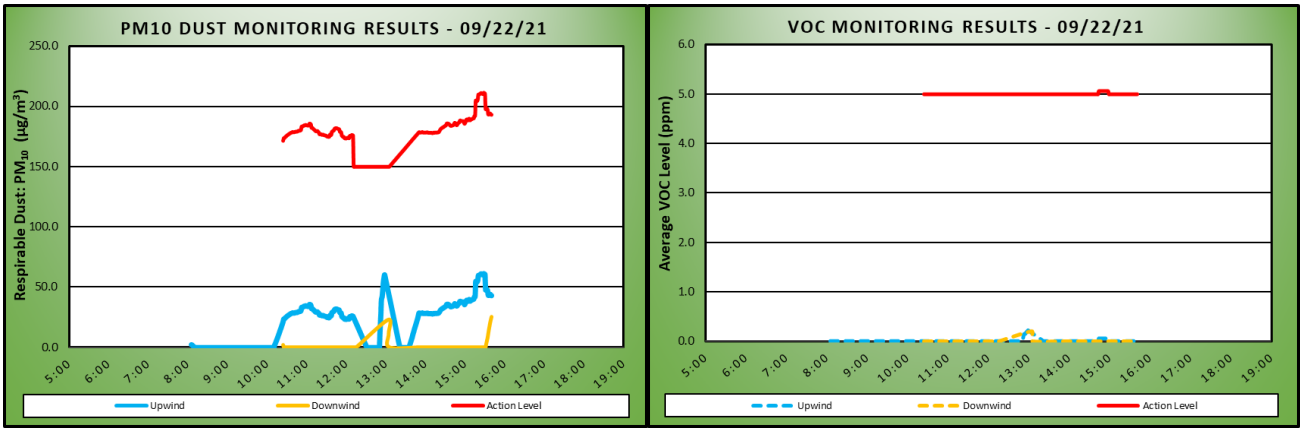
- Clean Earth, Inc. collected two waste characterization sample sets (each consisting of one 5-point composite sample and one grab sample) for waste characterization purposes. The soil samples were submitted to TestAmerica Laboratories, Inc. (TestAmerica) for laboratory analysis of extractable petroleum hydrocarbons (EPH), volatile organic compounds (VOC), semivolatile organic compounds (SVOC), Resource Conservation and Recovery Act (RCRA) 8 metals including beryllium, nickel, copper, and zinc, RCRA 8 toxicity characteristic leaching procedure (TCLP) Metals including beryllium, nickel, copper, and zinc, RCRA characteristics (corrosivity, ignitability, and reactivity), polychlorinated biphenyls (PCB), TCLP VOCs, TCLP SVOCs, TCLP Herbicides and TCLP Pesticides.
    - MEP Trench Comp-1
    - MEP Trench G-1
    - MEP Trench Comp-2
    - MEP Trench G-2
- Clean Earth, Inc. collected one sample set, consisting of one composite sample and two grab samples from Soil Stockpile 4 and Soil Stockpile 5 for waste characterization purposes. The soil samples were submitted to TestAmerica for laboratory analysis of EPH, VOCs, SVOCs, RCRA 8 metals including beryllium, nickel, copper, and zinc, RCRA 8 TCLP Metals including beryllium, nickel, copper, and zinc, RCRA characteristics (corrosivity, ignitability, and reactivity), PCBs, TCLP VOCs, TCLP SVOCs, TCLP Herbicides and TCLP Pesticides.
    - Stockpile #5 Comp
    - Stockpile #5 G-1
    - Stockpile #5 G-2

Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	2.4		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	19.6	3.4	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	61.1	25.1	Maximum 15-min Average	0.2	0.2
Minimum 1-min Instant Reading	0.0	0.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	246.3	172.8	Maximum 1-min Instant Reading	1.2	1.6

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

Data was not collected from the downwind station until 10:10 AM due to equipment repairs being performed by the manufacturer, and from 12:16 to 12:49 and 13:06 to 13:36 due to relocation of the station for soil-intrusive activities being performed within 20 feet of the southern site boundary. 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:

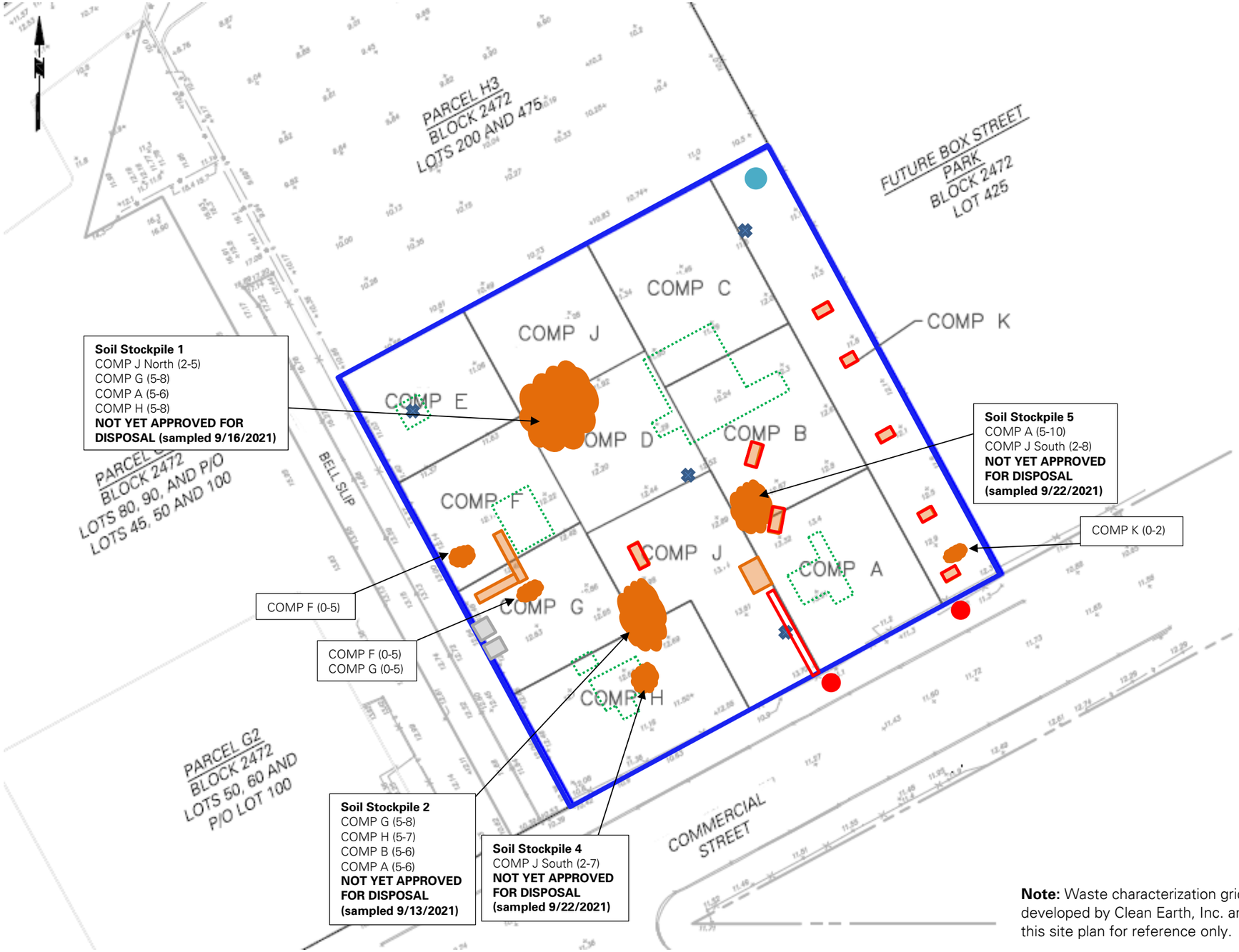


Planned Activities:

- STNY will continue mass excavating for the remedy, foundation elements, and utilities and will continue exporting soil for off-site disposal.
- STNY will continue pouring concrete for pile caps/grade beams.

File Name: 2021-09-22 Daily Field Report_055

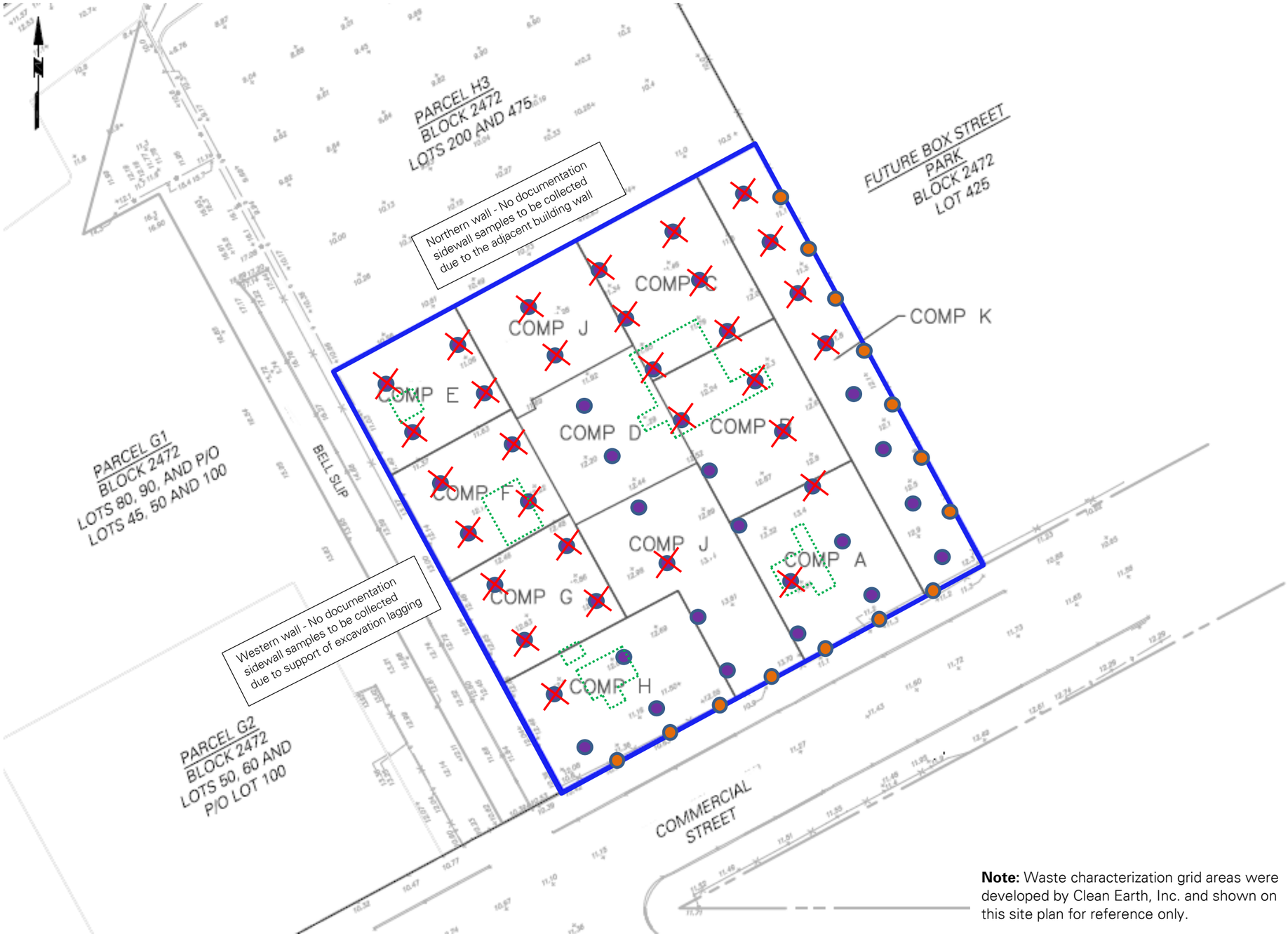
SITE PLAN



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 Location of Hotspot Endpoint Sample**

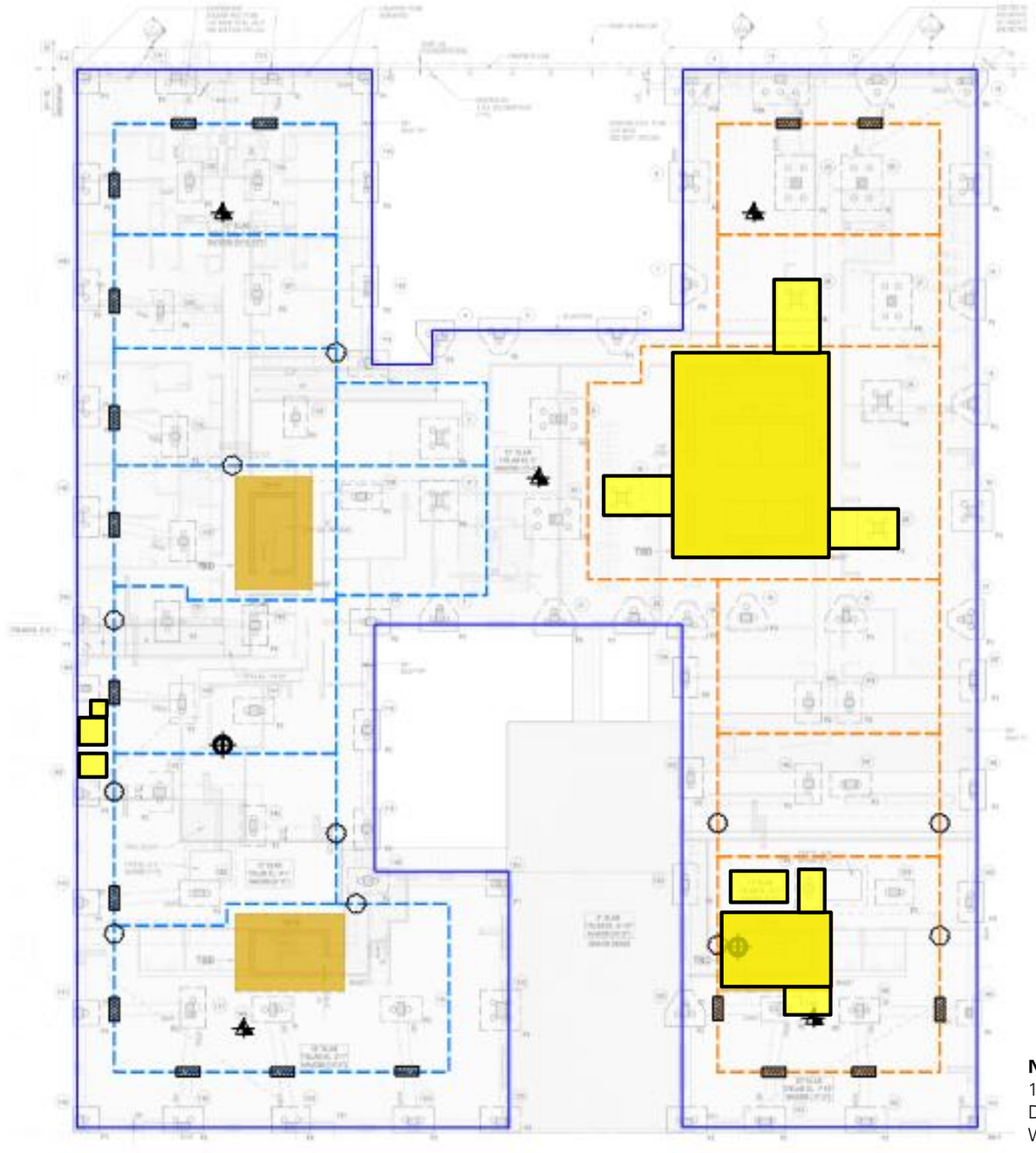
DOCUMENTATION SAMPLE PLAN



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 excavating a test pit in waste characterization grid COMP J South for waste characterization sampling (facing south).	
Photo 2: View of STNY excavating a test pit in waste characterization grid COMP K for waste characterization sampling (facing east).	

Photo 3: View STNY excavating in waste characterization grids COMP G and COMP F for plumbing utility piping. (facing north).	
Photo 4: View of STNY relocating a soil stockpile from waste characterization grid COMP H and adding it to Soil Stockpile 5 (facing north).	

File Name: 2021-09-22 Daily Field Report_055

DAILY FIELD REPORT 056

Prepared By: LANGAN

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

BCP Project No:	C224304	**Date:**	September 23, 2021
Project Name:	45 Commercial Street	**Time:**	6:45 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 Diaz

Work Activities Performed:

- STNY excavated the following areas of the site. Excavated material consisted of non-native soil and did not exhibit signs of chemical- or petroleum-like contamination.
    - An about 25-foot-long by 17-foot-wide area to a maximum depth of 9 feet below grade surface (bgs) (from original site grade) in waste characterization grids COMP H (0-5) and COMP I (5-10) for mat slab installation. Excavated material was stockpiled adjacent to the excavation in waste characterization grid COMP H (Soil Stockpile 6) or live loaded into trucks for off-site disposal to the Clean Earth of Bethlehem facility (CEPA) located in Bethlehem, Pennsylvania.
    - An about 20-foot-long by 16-foot-wide area to a maximum depth of 5 feet bgs in waste characterization grids COMP H (0-5) and COMP G (0-5) to allow site personnel to access the mat slab area. Excavated material was live loaded into trucks for off-site disposal to the CEPA located in Bethlehem, Pennsylvania.
    - An about 9-foot-long by 8-foot-wide area to 5 feet bgs (from original site grade) in waste characterization grid COMP H for grade beam installation. Excavated material was added to Soil Stockpile 6.
    - An about 30-foot-long by 4-foot-wide area to about 5 feet bgs (from original site grade) in waste characterization grid COMP G (0-5) for the installation of plumbing utility piping. Excavated material was live loaded into trucks for off-site disposal to the CEPA facility located in Bethlehem, Pennsylvania.
- STNY backfilled the following areas 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 272-foot-long by 2-foot-wide area around pile cap/grade beam formwork in waste characterization grid COMP A from a maximum depth of 9 foot bsg (from original site grade) to about 4 feet bgs.
    - An about 16-foot-long by 13-foot-wide area in waste characterization grids COMP B and COMP A from about 5 feet bsg (from original site grade) to 2 feet bsg.
    - An about 50-foot-long by 2-foot-wide area around pile cap/grade beam formwork in waste characterization grid COMP H from a maximum depth of 6 feet bgs (from original site grade) to 2 foot bgs.
- STNY loaded trucks with soil from a soil stockpile[1] located in waste characterization COMP G for off-site disposal to the Clean Earth of Bethlehem (CEPA) facility located in Bethlehem, Pennsylvania
- STNY relocated Soil Stockpile 4 from waste characterization grid COMP H and added it to Soil Stockpile 5, located on the boundary of waste characterization grids COMP B and COMP A.
- STNY relocated about 5 cubic yards of soil from Soil Stockpile 6 to waste characterization grid COMP G to alow site personnel to access an excavation area in waste characterization grid COMP G.

[1] COMP G (0-5), COMP F (0-5)

Material Tracking:

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

Samples Collected:

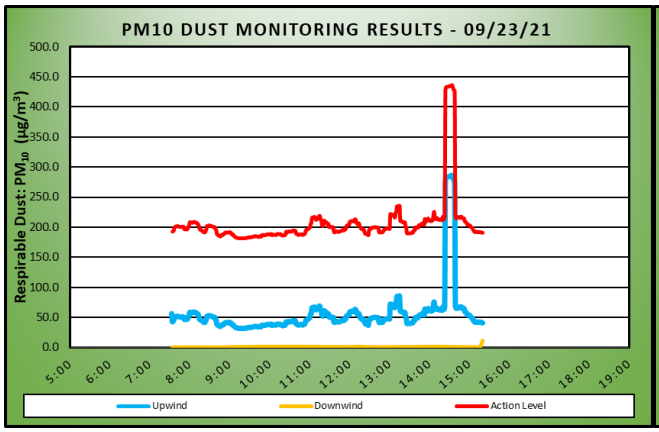
- Langan collected four documentation samples from 4 or 5 feet bgs in waste characterization grid COMP A and from 9 feet bgs in waste characterization grid COMP H. The documentation soil samples were submitted to Alpha Analytical Laboratories, Inc. for analysis of Part 375 volatile organic compounds (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).
    - EP38_9
    - EP40_5
    - EP46_4
    - EP47_4

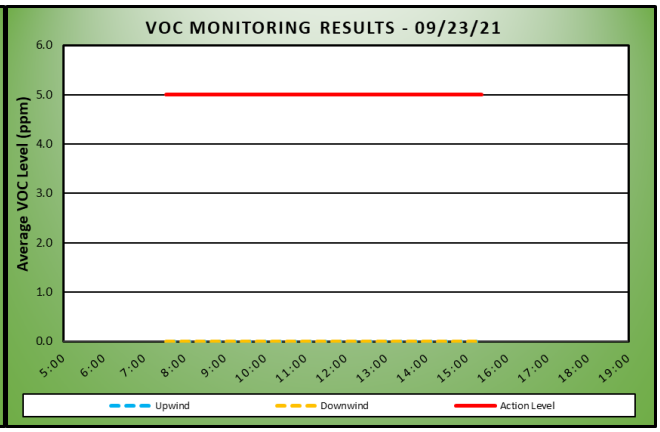
Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	15.5		Daily background	1.2	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	55.8	0.9	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	286.9	10.9	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	27.3	0.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	3193.5	52.3	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:

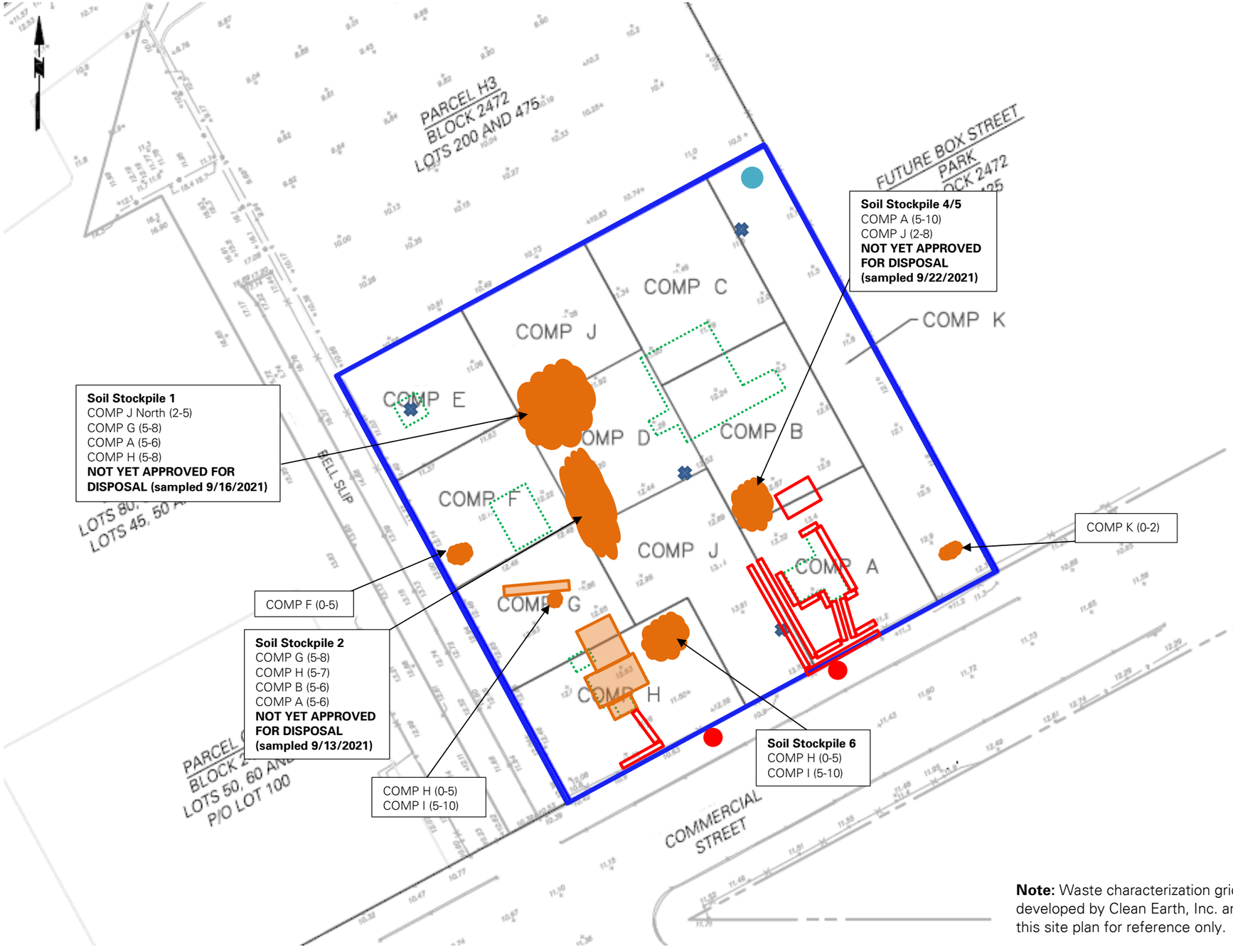




Planned Activities:

- STNY will continue mass excavating for the remedy, foundation elements, and utilities and will continue exporting soil for off-site disposal.
- STNY will continue pouring concrete for pile caps/grade beams.

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 Location of Hotspot Endpoint Sample**

DOCUMENTATION SAMPLE PLAN

Site Boundary

Waste Characterization Grid COMP I (5-10)

Proposed Base Documentation Sample Location

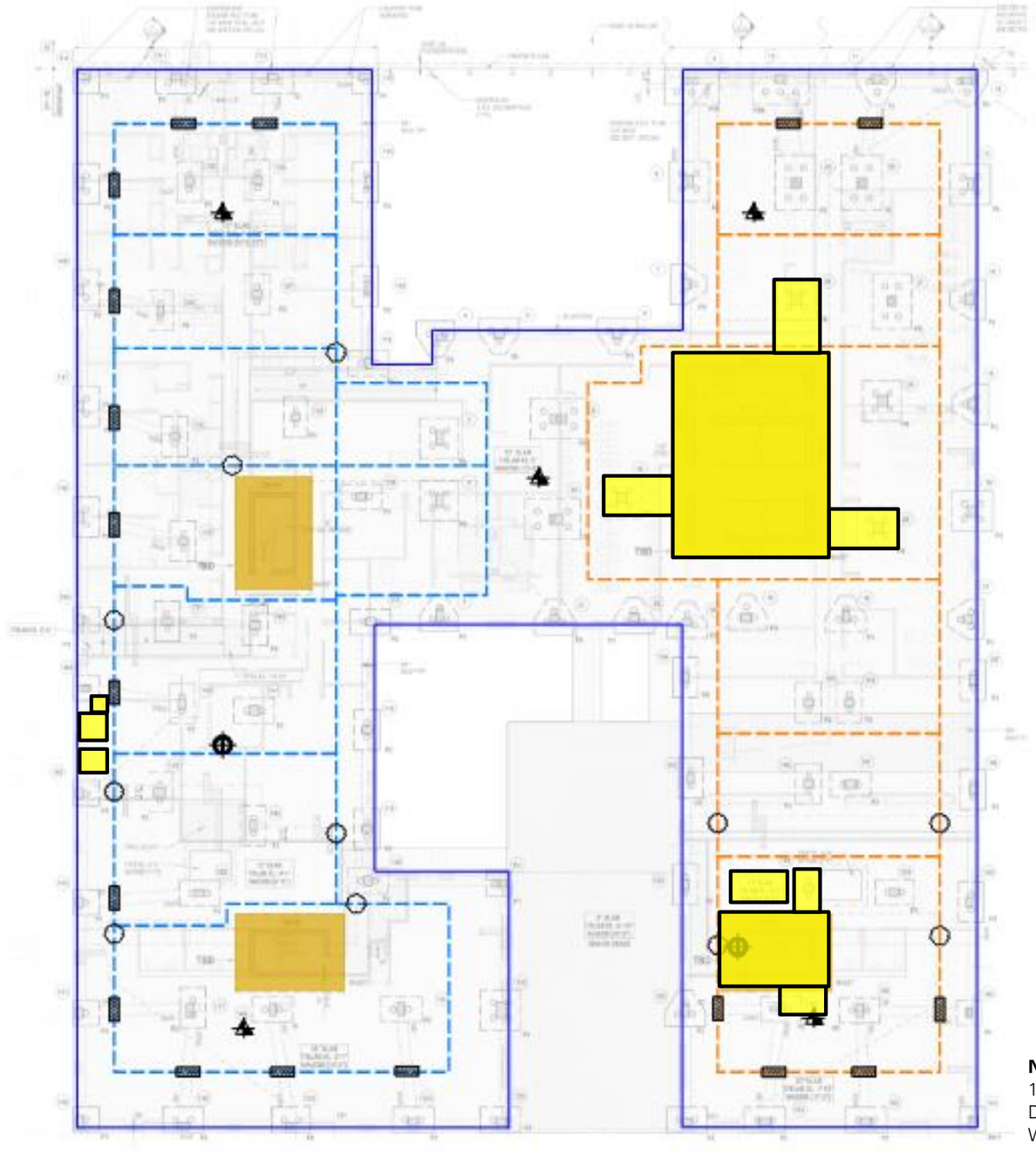
Proposed Base Documentation Sample Location

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 backfilling with 0.75-inch virgin stone around pile caps/grade beams in waste characterization grid COMP A (facing west).	
Photo 2: View of STNY excavating in waste characterization COMP H for a mat slab (facing northwest).	

Photo 3: View of STNY excavating in waste characterization grids COMP H and COMP G and live loading into trucks for offsite disposal to the CEPA facility (facing west).	
Photo 4: View of covered Soil Stockpile 1, Soil Stockpile 2, and Soil Stockpile 4/5 at the end of the work day (facing north).	

File Name: 2021-09-23 Daily Field Report_056

DAILY FIELD REPORT 057

Prepared By: LANGAN

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

BCP Project No:	C224304	**Date:**	September 24, 2021
Project Name:	45 Commercial Street	**Time:**	6:45 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:
Caroline Devin

Work Activities Performed:

- STNY loaded 3 trucks with soil from Soil Stockpile 6 for off-site disposal to the Clean Earth of Bethlehem (CEPA) facility located in Bethlehem, Pennsylvania.
- STNY poured concrete at the following areas:
    - Grade beams and strap beams in waste characterization grid COMP A.
    - Mat slab in waste characterization COMP A and pile caps on the boundary of waste characterization grids COMP A and COMP B.
    - Grade beams and strap beams in waste characterization grid COMP G.
    - Mat slab in waste characterization grid COMP H.

Material Tracking:

- The following soil/fill was exported from the site:
    - Three loads of non-native soil were transported to the CEPA facility located in Bethlehem, Pennsylvania.
- No material was imported to the site.

Samples Collected:

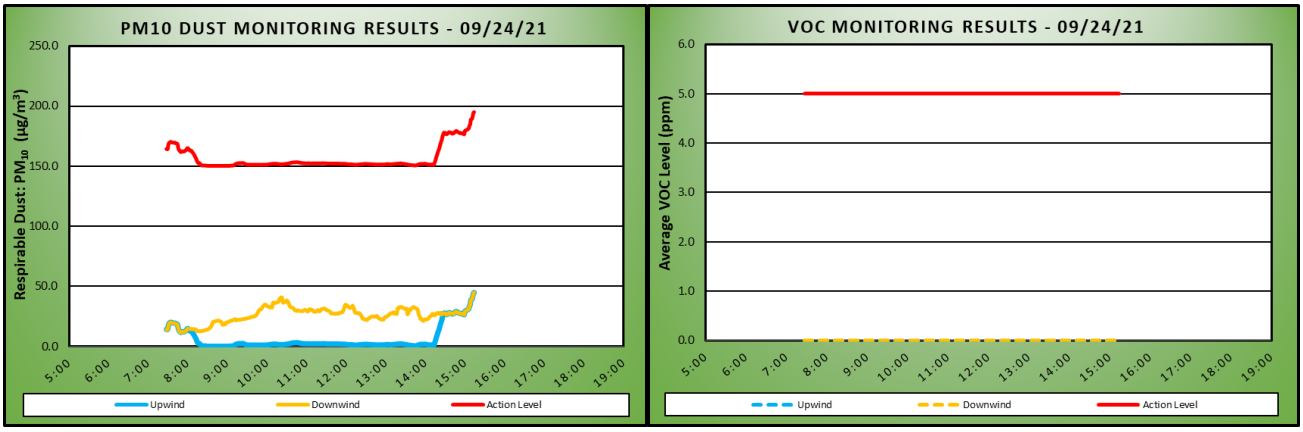
- No samples were collected.

Air Monitoring

Particulate Monitoring (µg/m³)			Organic Vapor Monitoring (ppm)		
Daily background	14.3		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	6.8	26.5	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	45.1	45.1	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	0.0	9.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	91.5	91.5	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, foundation elements, and utilities and will continue exporting soil for off-site disposal.
- STNY will continue pouring concrete for pile caps/grade beams.

File Name: 2021-09-24 Daily Field Report_057

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 Location of Hotspot Endpoint Sample**

DOCUMENTATION SAMPLE PLAN

Site Boundary

Waste Characterization Grid
COMP I (5-10)

Proposed Base Documentation Sample Location

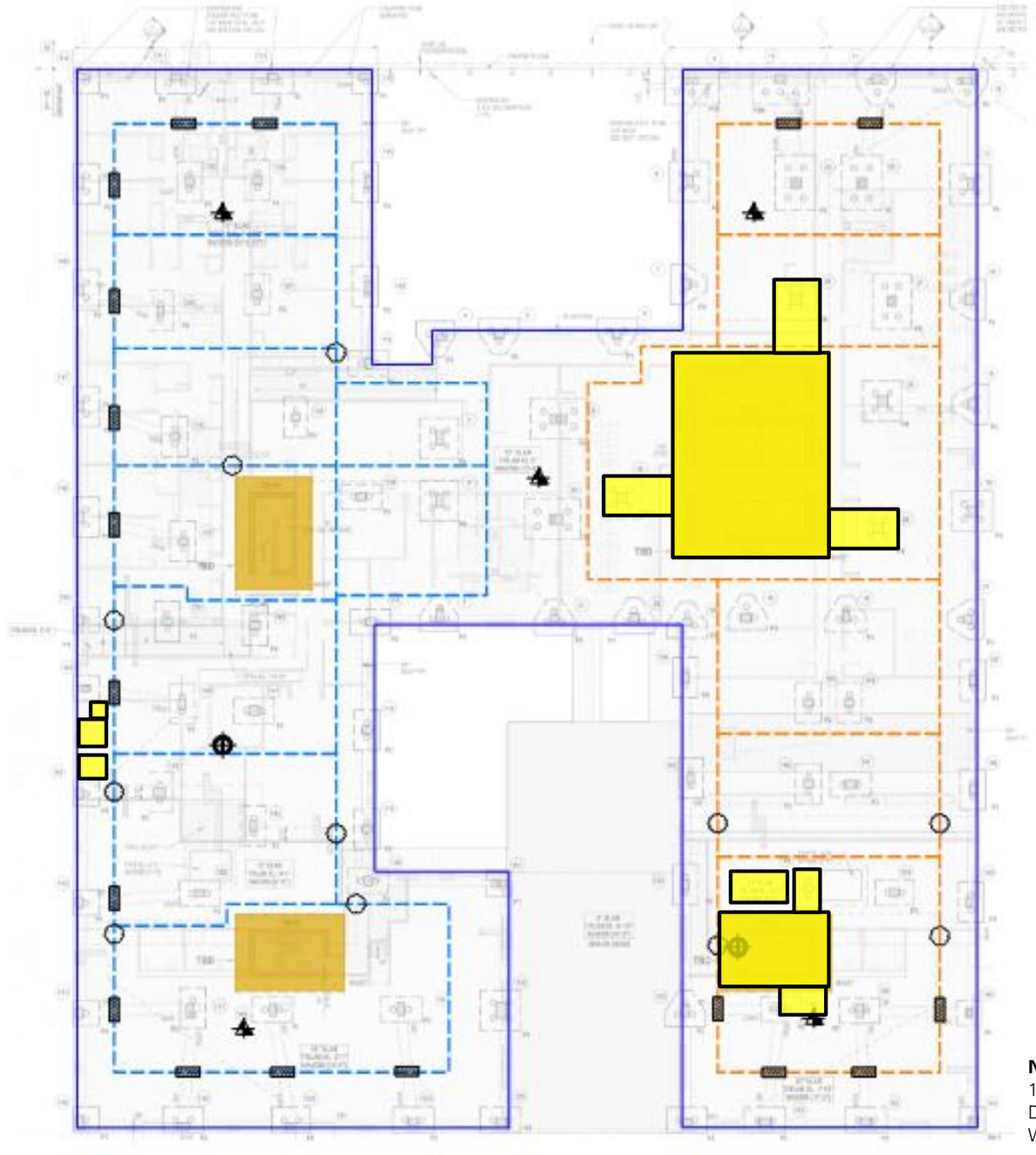
Proposed Base Documentation Sample Location

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.

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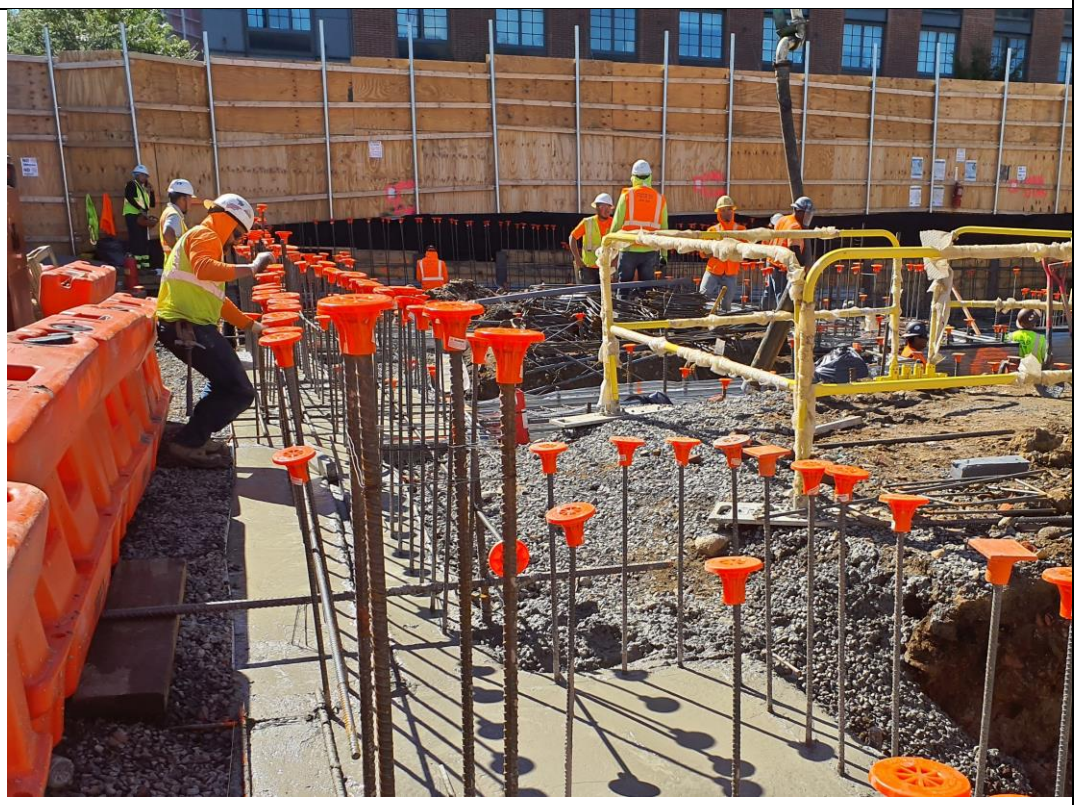
- **SMD System Installation In Progress (Waterproofing/Vapor Barrier)**
- **Concrete Foundation Slab Poured**

Photo Log

Photo 1: View of STNY pouring concrete for pile caps on the boundary of waste characterization grids COMP A and COMP B (facing west).	
Photo 2: View of STNY loading a truck with soil from Soil Stockpile 6 (facing east).	

File Name: 2021-09-24 Daily Field Report_057

Photo 3: View of STNY loading a truck with soil from Soil Stockpile 6 (facing northwest).	
Photo 4: View of STNY pouring concrete for grade beams in waste characterization grid COMP H (facing west).	

File Name: 2021-09-24 Daily Field Report_057