

DAILY FIELD REPORT 068

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 11, 2021
Project Name:	45 Commercial Street	Time:	6:45 am to 3:15 pm
Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)		Langan Field Personnel: Yaskira Mota Diaz	
Construction Manager: Monadnock Construction Inc. (MC)			
Foundation Contractor: StructureTech New York, Inc. (STNY)			
Soil Broker: Clean Earth, Inc. (CE)			

Work Activities Performed:

- STNY excavated an about 37-foot-long by 17-foot-wide area to 2 feet bgs (from original site grade) in waste characterization grid COMP K (0-2) for the remedial excavation. Excavated material consisted of non-native soil, did not exhibit signs of chemical- or petroleum-like contamination and was live loaded into trucks for off-site disposal to the Clean Earth of Bethlehem facility (CEPA) located in Bethlehem, Pennsylvania.
 - STNY placed a demarcation layer consisting of orange snow fencing at the base and up the sidewalls of the remedial excavation area area before backfilling.
 - STNY also loaded trucks with a soil stockpile¹ in waste characterization grid COMP K and a portion of a soil stockpile² on the boundary of waste characterization grids COMP J South and COMP D into trucks for off-site disposal to the CEPA facility.
- STNY relocated a soil stockpile³ in waste characterization grid COMP J North and added it to an existing soil stockpile⁴ in waste characterization grid COMP H.
- STNY backfilled an about 10-foot-long by 10-foot-wide area in waste characterization grid COMP J North with a stockpile of excavated 0.75-inch virgin stone from Tilcon- Mt. Hope Quarry to fill in a previous excavation.
- STNY backfilled an about 37-foot-long by 25-foot-wide area in waste characterization grid COMP K with New York State Department of Environmental Conservation (NYSDEC)-approved 0.75-inch virgin stone from Tilcon – Mt. Hope Quarry and 2.5-inch virgin stone from Tilcon- Pompton Lakes Quarry from about 2 feet bgs (from original site grade) to about 1 foot bgs.

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.
- The following materials were imported to the site:
 - STNY imported 1 load of 2.5-inch virgin stone from Tilcon - Pompton Lakes Quarry.

¹ COMP K (0-2)² COMP D (0-5)³ COMP J North (2-4)⁴ COMP H (5-8), COMP J South (8-9), COMP K (6-7)

Samples Collected:

- Langan collected one documentation sample from 2 feet bgs in waste characterization grid COMP K. The documentation soil sample was 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).
 - EP48_2

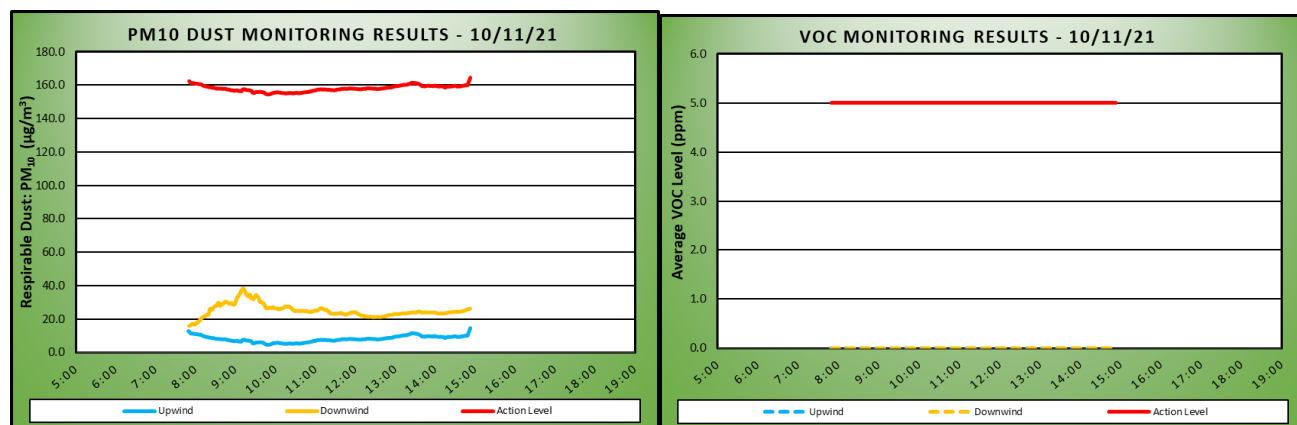
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	12.8		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	8.3	25.1	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	14.6	38.4	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	3.8	12.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	27.5	51.3	Maximum 1-min Instant Reading	0.0	0.0

$\mu\text{g}/\text{m}^3$ -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:












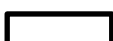




Planned Activities:

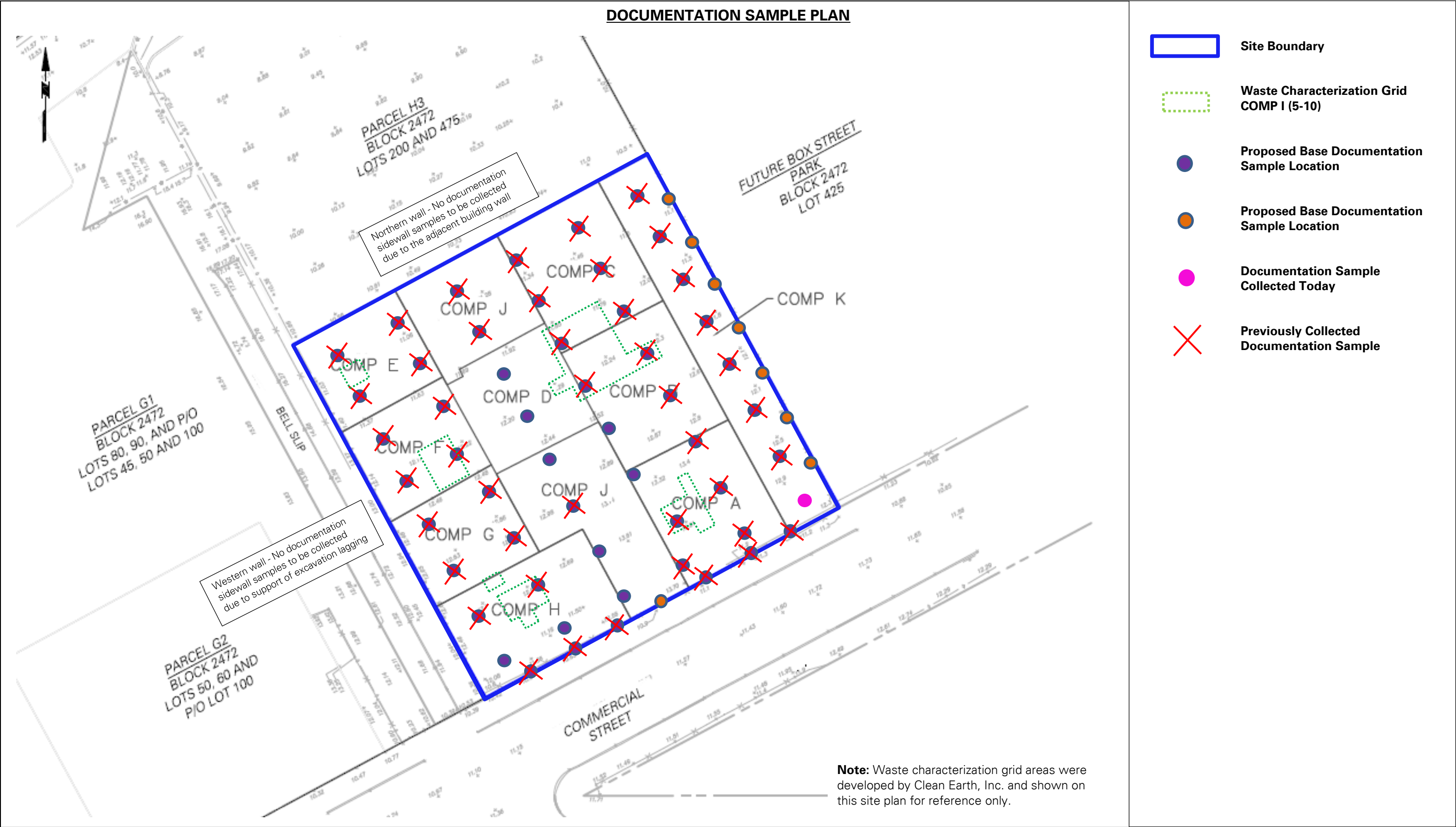
- STNY will continue mass excavating for the remedy, foundation elements, and utilities and will continue exporting soil for off-site disposal.
- STNY will continue pouring concrete for pile caps/grade beams.
- STNY will continue installing sub-membrane depressurization (SMD) system components

SITE PLAN

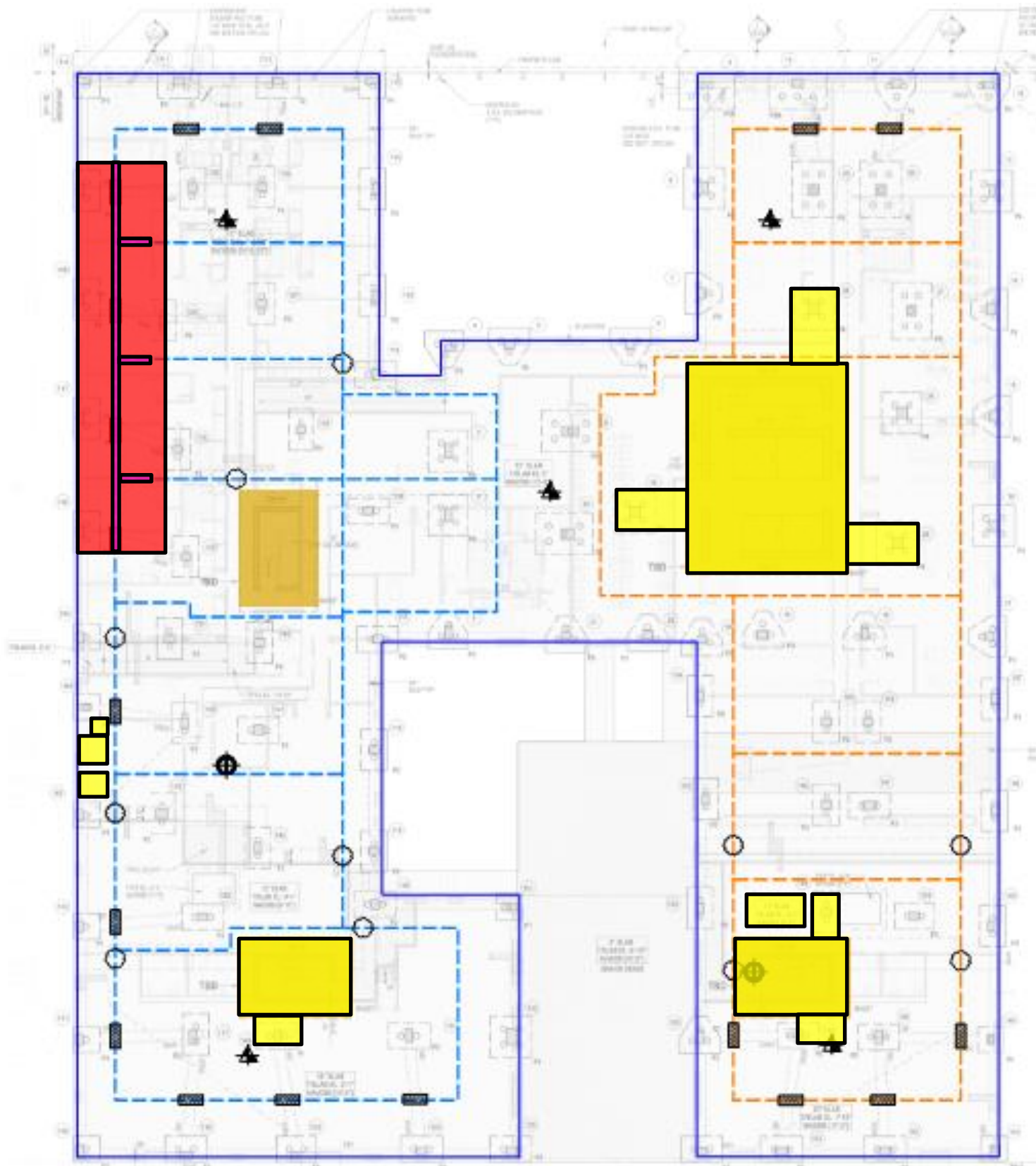


Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

- | | |
|---|--|
|  | 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 |



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.





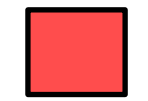
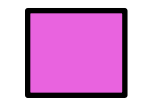
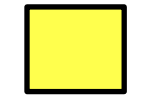
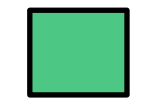
-  Site Boundary
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower A
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower B
-  Approximate Location of Deep Foundation Elements (No Depressurization)
-  SMD System Installation In Progress (Geotextile/Aggregate)
-  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 trucks with soil for off-site disposal to the CEPA facility (facing north).



Photo 2:

View of STNY placing demarcation layer in waste characterization grid COMP K (facing northeast).



Photo 3:

View of STNY backfilling with 0.75-inch and 2.5-inch virgin stone in waste characterization COMP K (facing north)



Photo 4:

General view of the site (facing north).



DAILY FIELD REPORT 069

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 12, 2021
Project Name:	45 Commercial Street	Time:	6:45 am to 3:15 pm
Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)		Langan Field Personnel: Roswell Lo	
Construction Manager: Monadnock Construction Inc. (MC)			
Foundation Contractor: StructureTech New York, Inc. (STNY)			
Soil Broker: Clean Earth, Inc. (CE)			

Work Activities Performed:

- An about 25-foot-long by 15-foot-wide area to about 1 to 2 feet bgs (from original site grade) in waste characterization grid COMP J North for the installation of 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 and stockpiled separately in waste characterization grid COMP D.
- An about 115-foot-long by 4-foot-wide area of trenches to a maximum depth of 4 feet bgs (from original site grade) in waste characterization grid COMP H for the installation of temporary site utility piping. Excavated material was temporarily stockpiled in waste characterization grid COMP H and will be used to backfill the trenches following utility installation.
- STNY loaded trucks with the soil stockpile¹ in waste characterization grid COMP J South 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:
 - Two 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 from site.

¹ COMP D (0-5)

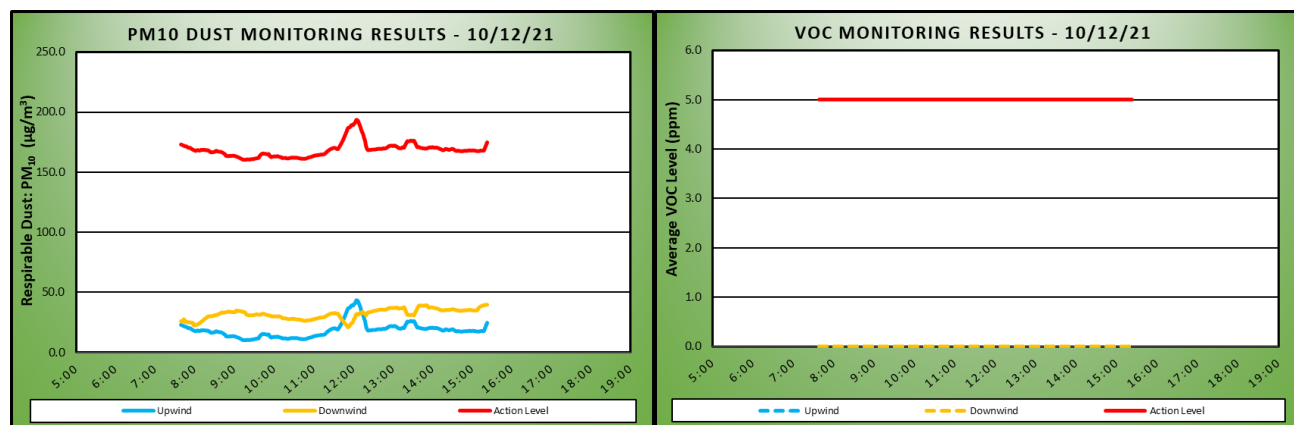
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	23.1		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	18.9	32.1	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	43.5	39.8	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	9.0	15.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	64.3	52.5	Maximum 1-min Instant Reading	0.0	0.0

$\mu\text{g}/\text{m}^3$ -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:














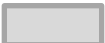


Planned Activities:

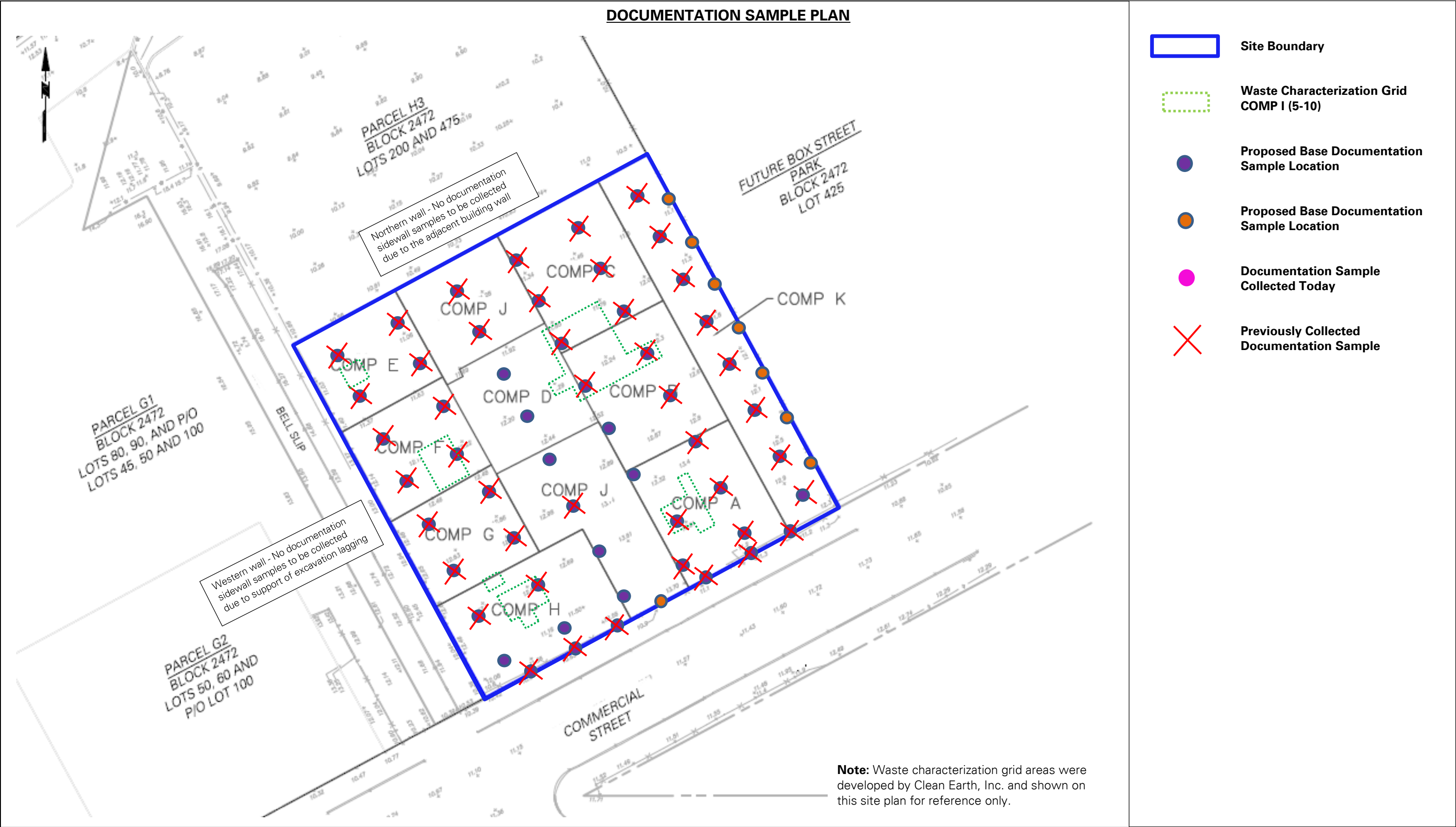
- STNY will continue mass excavating for the remedy, foundation elements, and utilities and will continue exporting soil for off-site disposal.
- STNY will continue pouring concrete for pile caps/grade beams.
- STNY will continue installing sub-membrane depressurization (SMD) system components.

SITE PLAN

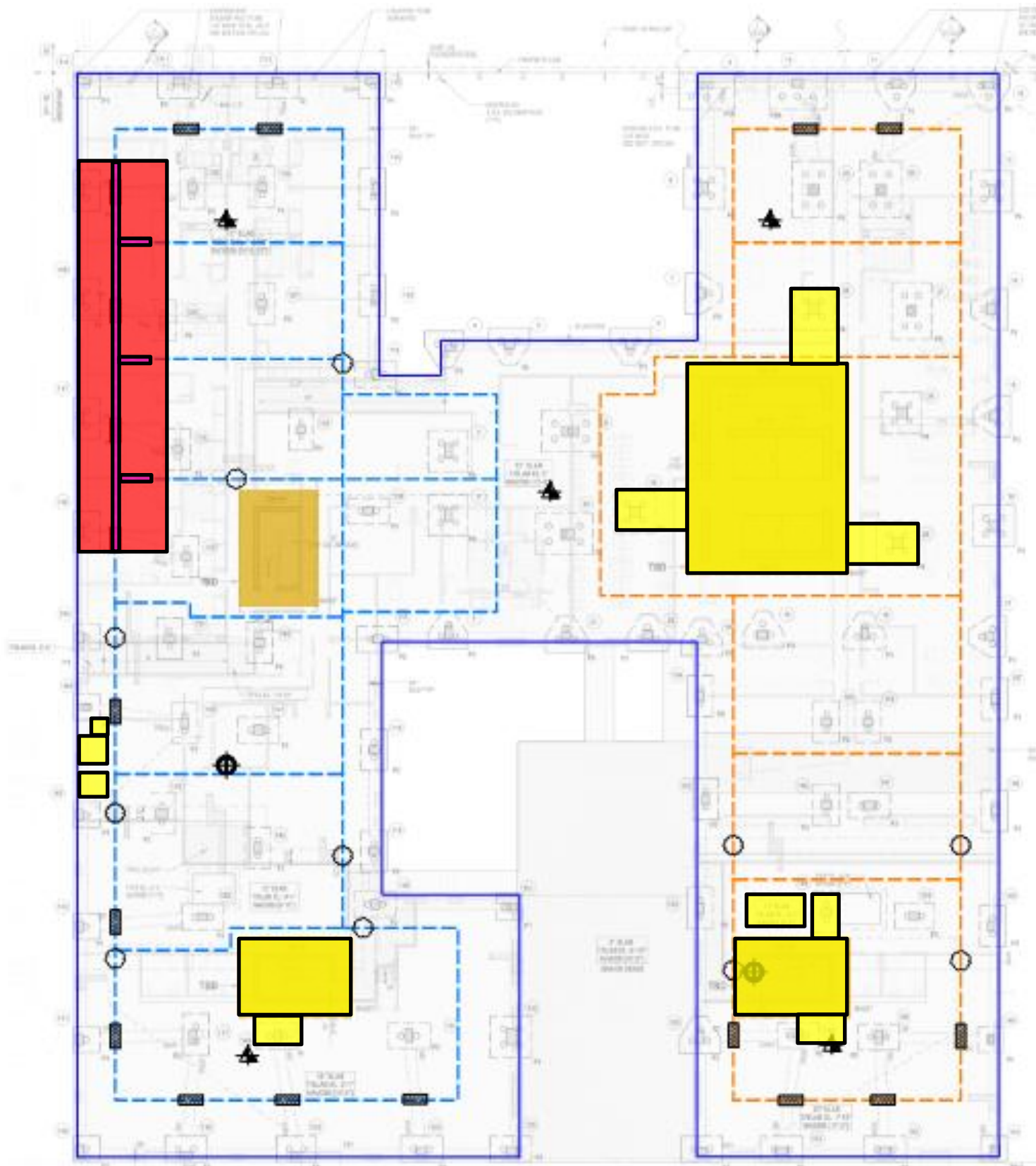


Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

- | | |
|---|--|
|  | 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 |



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.





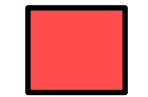

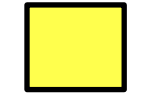

-  Site Boundary
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower A
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower B
-  Approximate Location of Deep Foundation Elements (No Depressurization)
-  SMD System Installation In Progress (Geotextile/Aggregate)
-  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 live loading trucks for off-site disposal to the CEPA facility (facing north).



Photo 2:

View of temporary utility excavations in waste characterization grid COMP H (0-5) (facing southwest).



Photo 3:

View of excavated area for utility installation in waste characterization grid COMP D (facing south).



Photo 4:

View of covered soil stockpiles in waste characterization COMP H at the end of the work day (facing southwest).



DAILY FIELD REPORT 070

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 13, 2021
Project Name:	45 Commercial Street	Time:	6:45 am to 3:15 pm
Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)		Langan Field Personnel: TJ Malgieri	
Construction Manager: Monadnock Construction Inc. (MC)			
Foundation Contractor: StructureTech New York, Inc. (STNY)			
Soil Broker: Clean Earth, Inc. (CE)			

Work Activities Performed:

- STNY excavated an about 40-foot-long by 5-foot-wide area from about 1 to 2 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 imported 0.75-inch stone or non-native soil and did not exhibit signs of chemical- or petroleum-like contamination. The stone and soil were not comingled during excavation and stockpiled separately in waste characterization grid COMP D.
- STNY relocated a soil stockpile¹ from waste characterization grid COMP D to waste characterization grid COMP J South in preparation for off-site disposal.

Material Tracking:

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

Samples Collected:

- No samples were collected from site.

¹ COMP D (0-5)

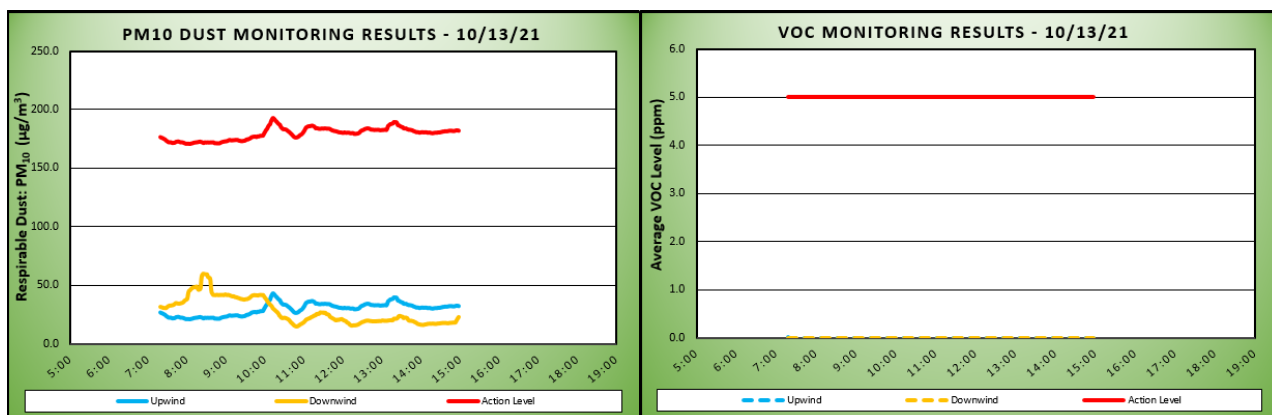
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	28.7		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	29.7	27.7	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	43.0	59.7	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	19.8	12.8	Minimum 1-min Instant Reading	0.1	0.0
Maximum 1-min Instant Reading	59.5	148.5	Maximum 1-min Instant Reading	0.0	0.0

$\mu\text{g}/\text{m}^3$ -micrograms per cubic meter.

ppm= parts per million.

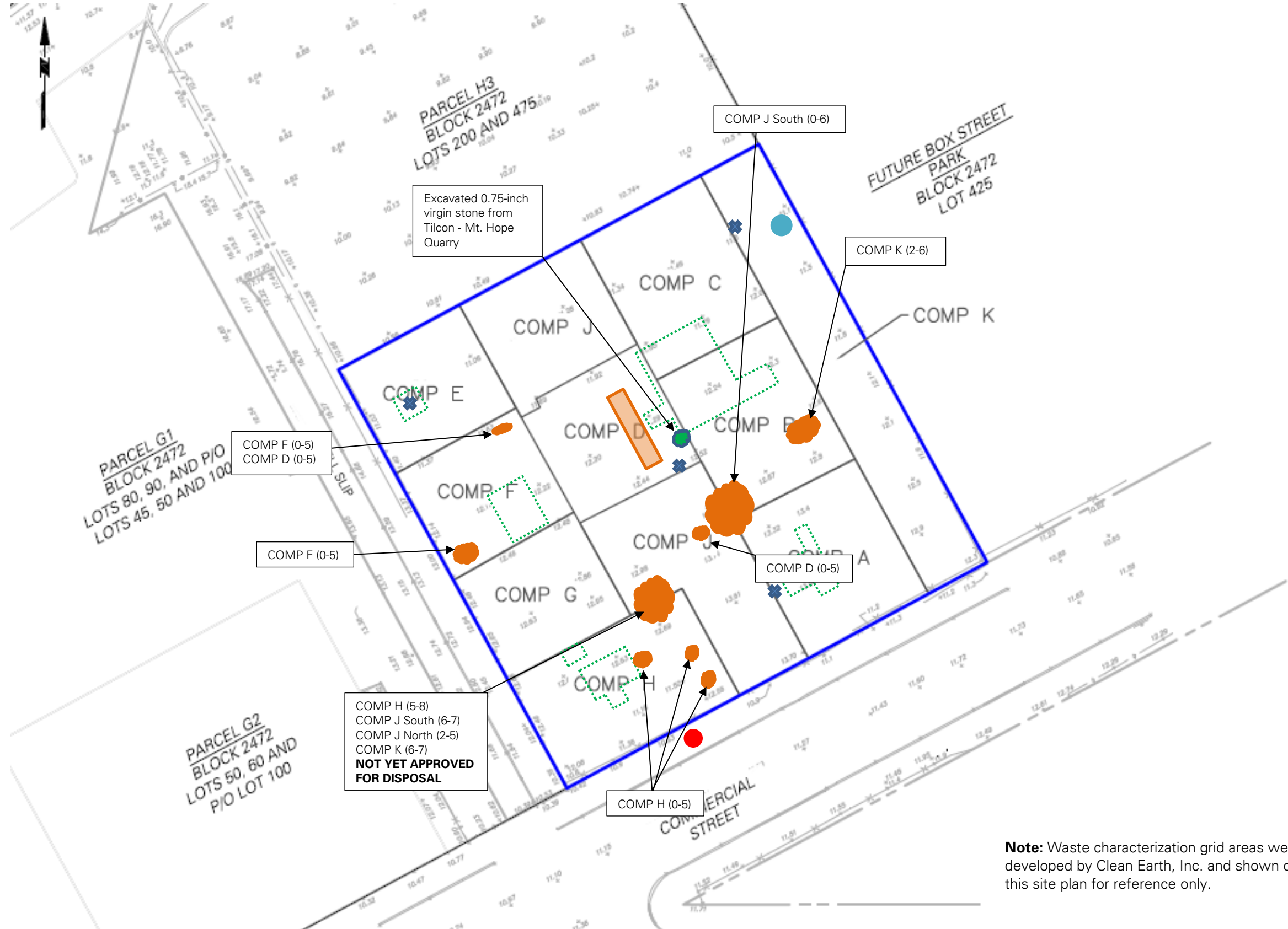
No particulate or organic vapor exceedances at the downwind station were encountered. The daily Community Air Monitoring Program (CAMP) monitoring results are also presented in the following charts:

















Planned Activities:

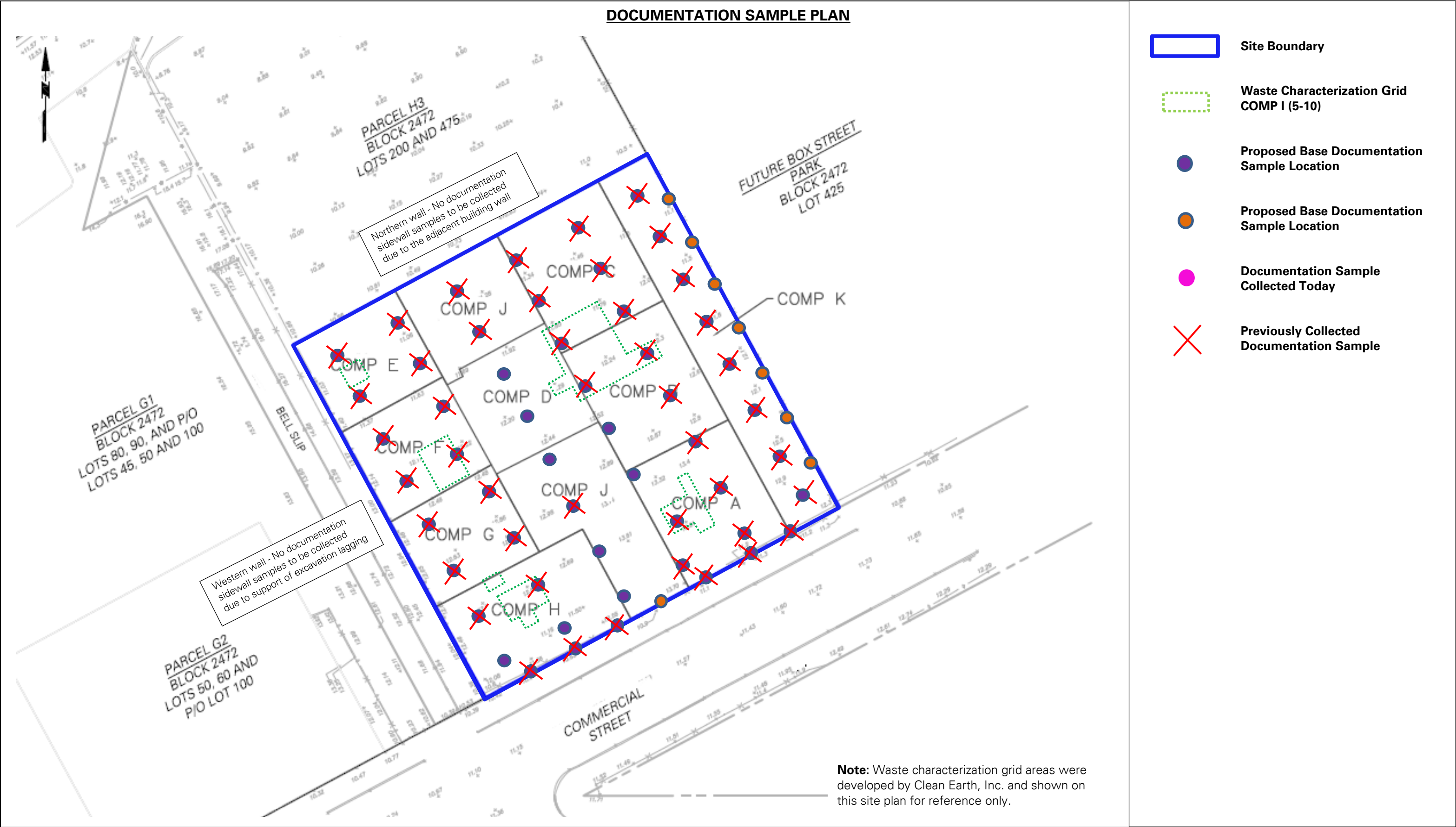
- STNY will continue mass excavating for the remedy, foundation elements, and utilities and will continue exporting soil for off-site disposal.
- STNY will continue pouring concrete for pile caps/grade beams.
- STNY will continue installing sub-membrane depressurization (SMD) system components.

SITE PLAN








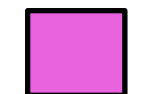
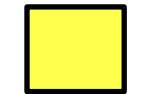

Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

- | | |
|---|--|
|  | 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 |



WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP



-  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

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

Photo Log

Photo 1:

General view of site (facing southwest).



Photo 2:

View of STNY excavating in waste characterization grid COMP D (0-5) in the central part of the site (facing north).

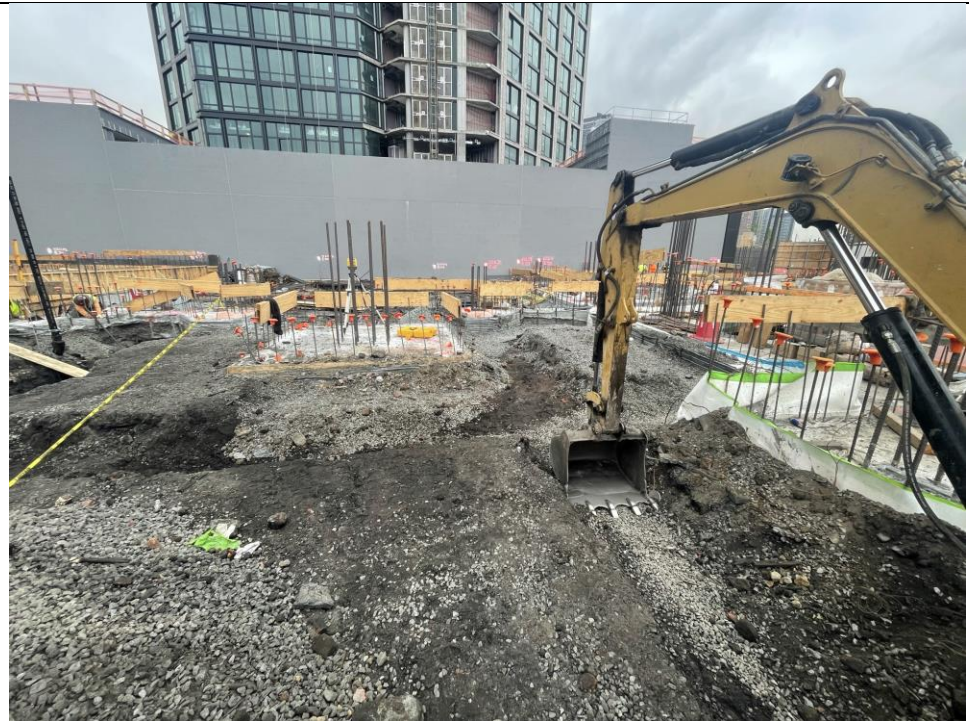


Photo 3:

View of excavated area for utility installation in waste characterization grid COMP D (0-5) (facing north).



Photo 4:

View of soil stockpiles covered in waste characterization grid COMP H (facing north).



DAILY FIELD REPORT 071

Prepared By: LANGAN

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

BCP Project No:	C224304	Date:	October 14, 2021
Project Name:	45 Commercial Street	Time:	6:45 am to 3:15 pm
Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)		Langan Field Personnel: TJ Malgieri	
Construction Manager: Monadnock Construction Inc. (MC)			
Foundation Contractor: StructureTech New York, Inc. (STNY)			
Soil Broker: Clean Earth, Inc. (CE)			

Work Activities Performed:

- STNY excavated an about 40-foot-long by 5-foot-wide area from about 1 to 2 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 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 and stockpiled separately in waste characterization grid COMP D.
- STNY loaded trucks with soil from a portion of a soil stockpile¹ in waste characterization grid COMP J South and a soil stockpile² on the boundary of waste characterization grids COMP J South, COMP A, and COMP B into trucks for off-site disposal to the Clean Earth of Bethlehem (CEPA) facility located in Bethlehem, Pennsylvania and the Clean Earth of Carteret (CEC) facility located in Carteret, New Jersey, respectively.
- STNY used stockpiled soil that was previously excavated from temporary utility trenches in waste characterization grid COMP H (0-5) to backfill the same, about 115-foot-long by 4-foot wide area of trenches from about 4 feet bgs to original site grade.

Material Tracking:

- The following soil/fill was exported from the site:
 - Two loads of non-native soil were transported to the CEC facility located in Carteret, New Jersey.
 - One load of non-native soil was transported to the CEPA facility located in Bethlehem, Pennsylvania.
- No material was imported to the site.

Samples Collected:

- No samples were collected from site.

¹ COMP D (0-5)² COMP J South (0-6)

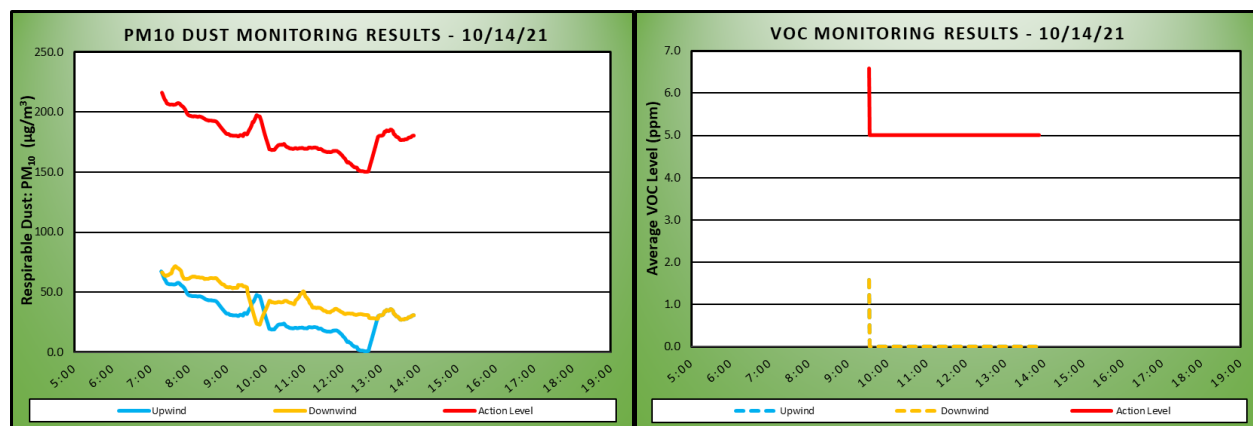
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	37.2		Daily background	0.2	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	30.4	44.0	Daily Time Weighted Average	0.2	0.2
Maximum 15-min Average	67.5	71.9	Maximum 15-min Average	1.6	1.6
Minimum 1-min Instant Reading	0.0	0.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	80.5	93.3	Maximum 1-min Instant Reading	23.7	23.7

$\mu\text{g}/\text{m}^3$ -micrograms per cubic meter.

ppm= parts per million.

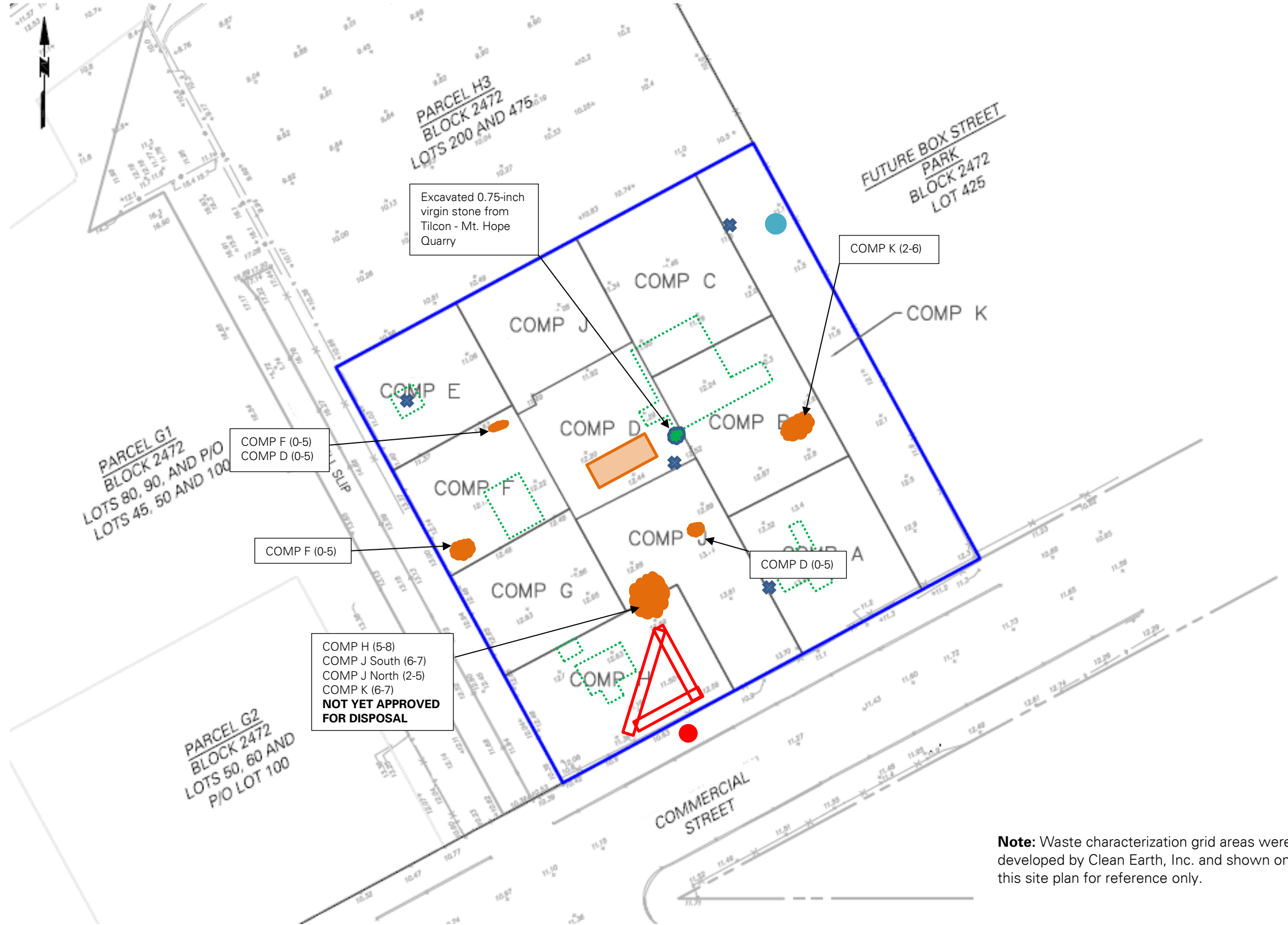
Organic vapor monitoring did not begin until 9:17 due to a temporary connectivity issue. No particulate or organic vapor exceedances at the downwind station were encountered. The daily Community Air Monitoring Program (CAMP) monitoring results are also presented in the following charts:

















Planned Activities:

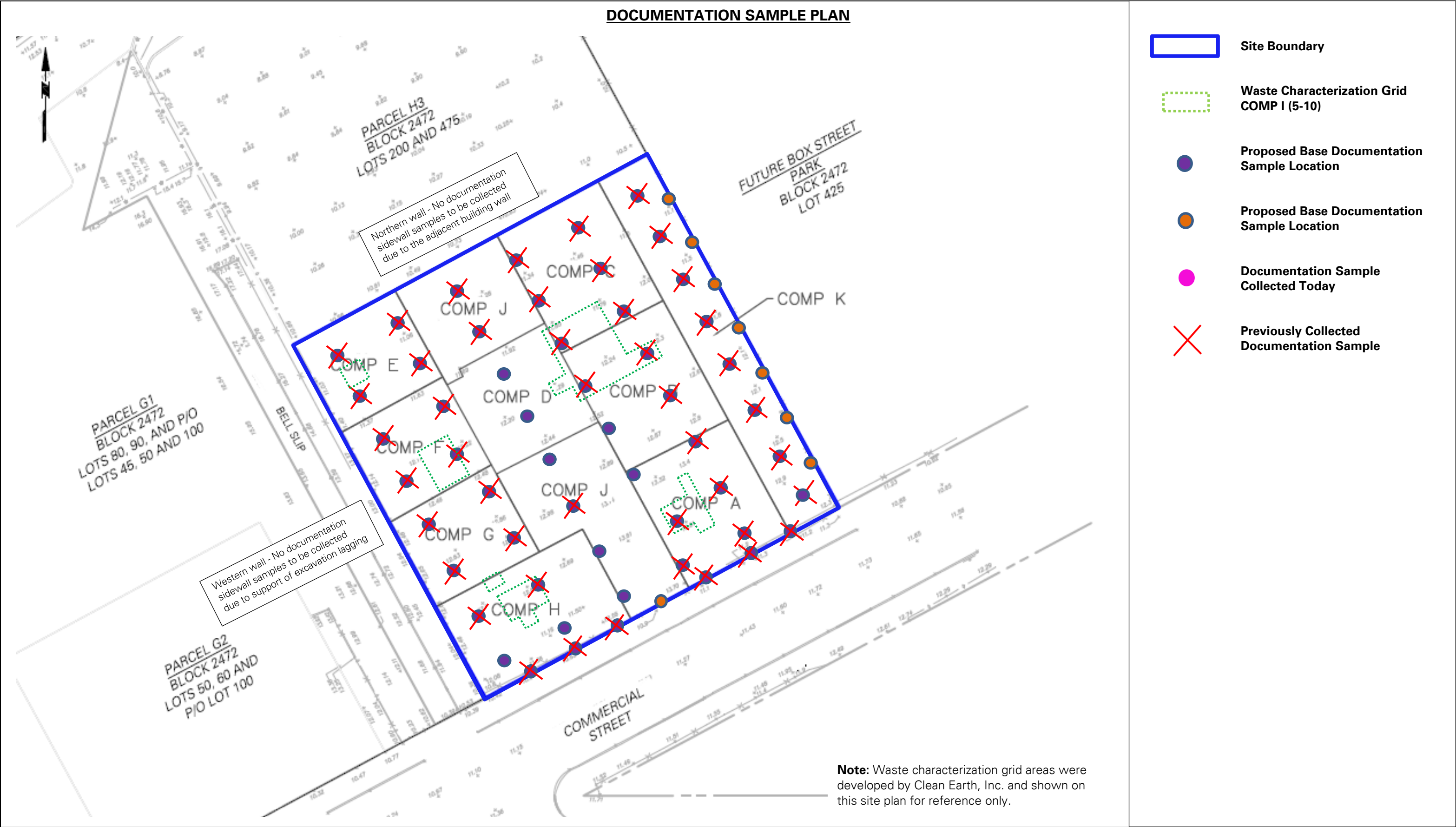
- STNY will continue mass excavating for the remedy, foundation elements, and utilities and will continue exporting soil for off-site disposal.
- STNY will continue pouring concrete for pile caps/grade beams.
- STNY will continue installing sub-membrane depressurization (SMD) system components.

SITE PLAN

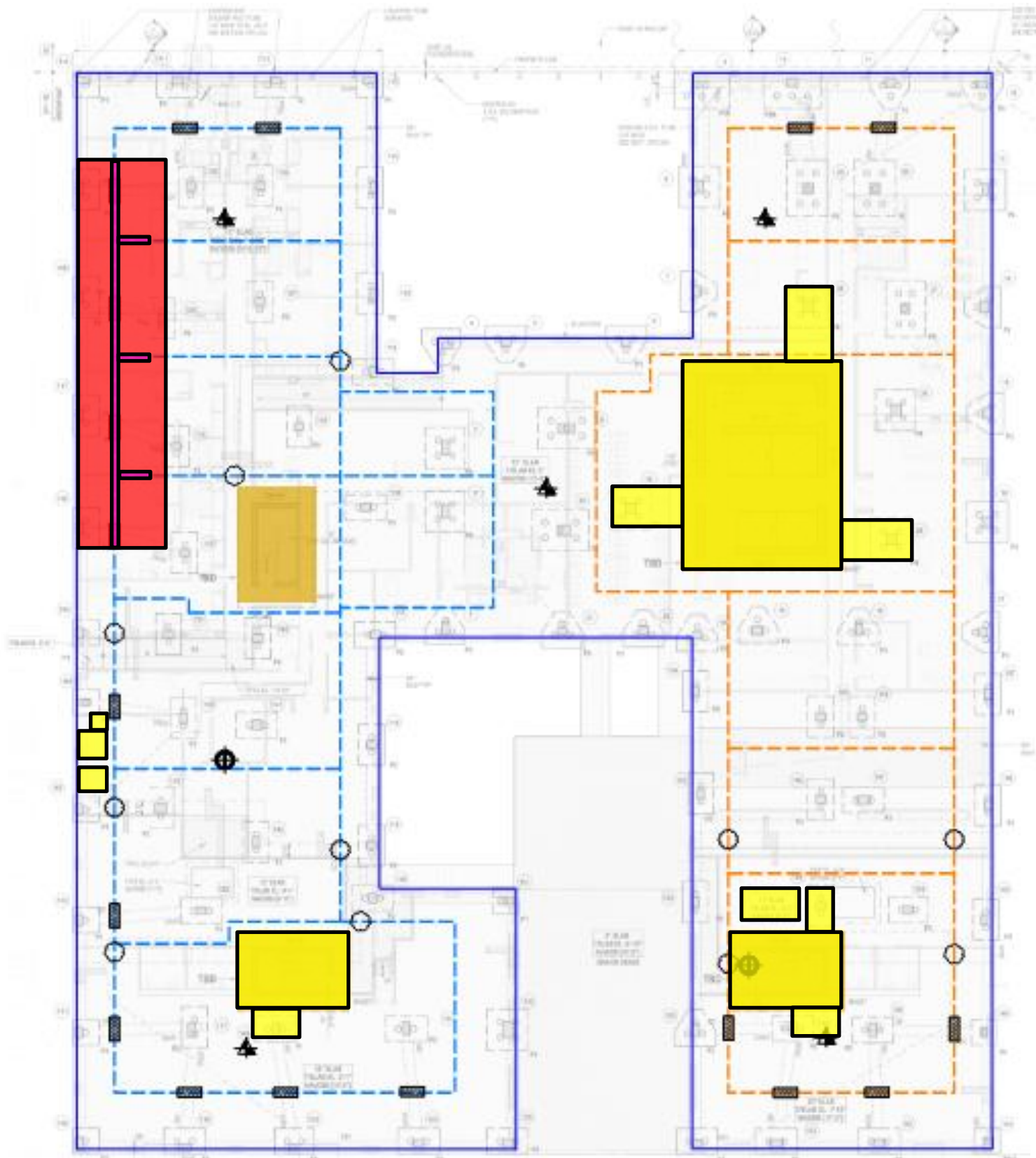


Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

- | | |
|---|--|
|  | 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 |



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.





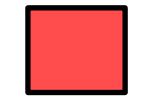

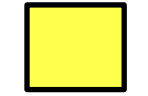

-  Site Boundary
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower A
-  Approximate Location of Sub-Slab Vapor Collection Slotted Pipe Run – Blower B
-  Approximate Location of Deep Foundation Elements (No Depressurization)
-  SMD System Installation In Progress (Geotextile/Aggregate)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

Photo Log

Photo 1:

General view of site (facing northwest).



Photo 2:

View of site entrance and soil stockpiles (facing north).

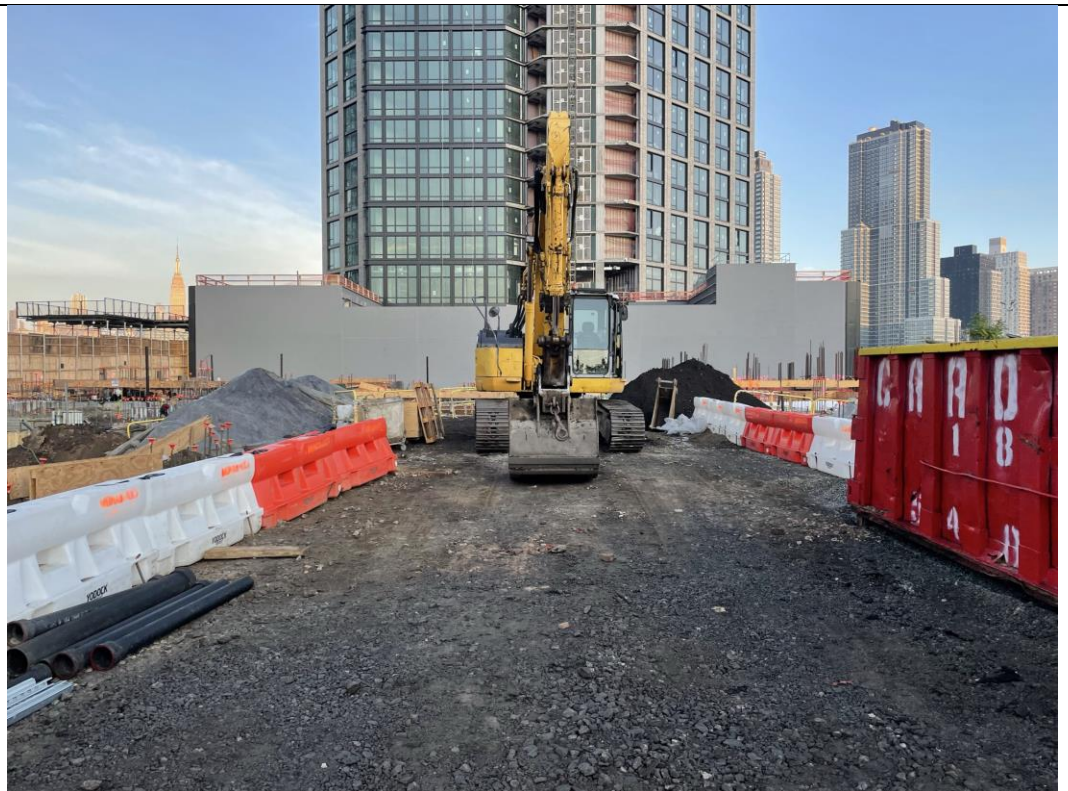


Photo 3:

View of STNY backfilling temporary utility trenches in waste characterization grid COMP H (facing west).



Photo 4:

View of STNY loading stockpiled soil into trucks for off-site disposal to CEC (facing north).



DAILY FIELD REPORT 072

Prepared By: LANGAN

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

BCP Project No:	C224304	Date:	October 15, 2021
Project Name:	45 Commercial Street	Time:	6:45 am to 3:15 pm
Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)		Langan Field Personnel: TJ Malgieri	
Construction Manager: Monadnock Construction Inc. (MC)			
Foundation Contractor: StructureTech New York, Inc. (STNY)			
Soil Broker: Clean Earth, Inc. (CE)			

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 20-foot-long by 2-foot-wide area from original site grade to about 5 feet bgs in waste characterization grid COMP J South for the installation of temporary site utility piping. Excavated material consisted of imported 0.75-inch stone and non-native soil that did not exhibit signs of chemical- or petroleum-like contamination. Excavated material was temporarily stockpiled adjacent to the excavation and was used to backfill the trench following installation of the utilities.
 - An about 18-foot-long by 5-foot-wide area from original site grade to about 9 feet bgs in waste characterization grid COMP J South to excavate the LB22 hotspot. Excavated material consisted of non-native soil that did not exhibit signs of chemical- or petroleum-like contamination. Excavated material was stockpiled adjacent to the excavation on top of, and covered with, polyethylene sheeting.
 - STNY backfilled the excavation with NYSDEC-approved 0.75-inch virgin stone from Tilcon – Mt. Hope Quarry from about 9 feet bgs to original site grade.
- STNY loaded a truck with a soil stockpile¹ in waste characterization grid COMP J South for off-site disposal to the Clean Earth of Bethlehem (CEPA) facility located in Bethlehem, Pennsylvania.
- STNY backfilled an about 20-foot-long by 10-foot-wide area in waste characterization grid COMP A with New York State Department of Environmental Conservation (NYSDEC)-approved 0.75-inch virgin stone from Tilcon – Mt. Hope Quarry from about 6 feet bgs to about 1 foot bgs (from original site grade).

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.
- The following materials were imported to the site:
 - Three loads of 0.75-inch virgin stone from Tilcon – Mt. Hope Quarry located in Wharton Borough, NJ.

Samples Collected:

- No samples were collected from site.

¹ COMP D (0-5)

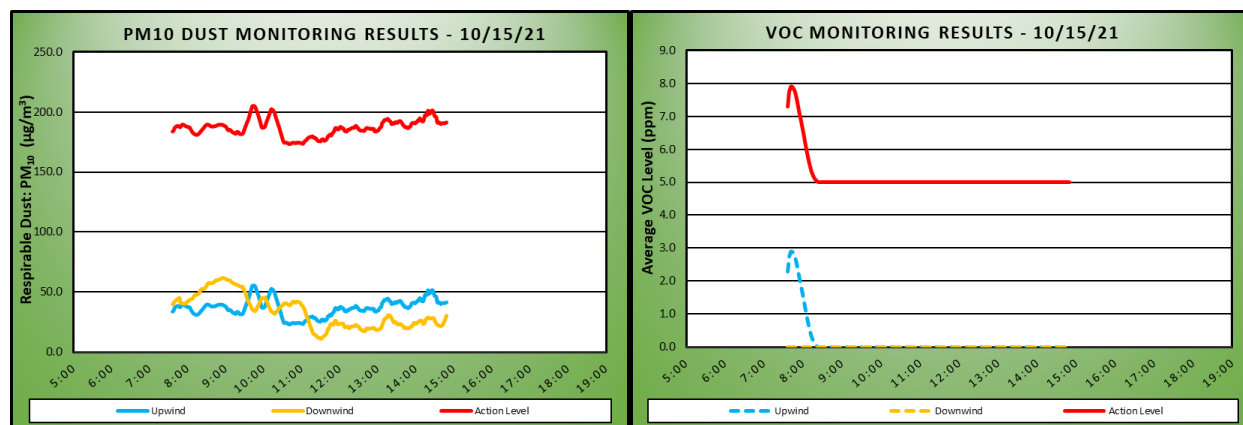
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	33.7		Daily background	2.3	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	36.9	33.8	Daily Time Weighted Average	0.2	0.0
Maximum 15-min Average	55.3	61.7	Maximum 15-min Average	2.9	0.0
Minimum 1-min Instant Reading	17.0	7.5	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	89.8	85.0	Maximum 1-min Instant Reading	3.3	0.0

$\mu\text{g}/\text{m}^3$ -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:












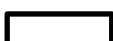




Planned Activities:

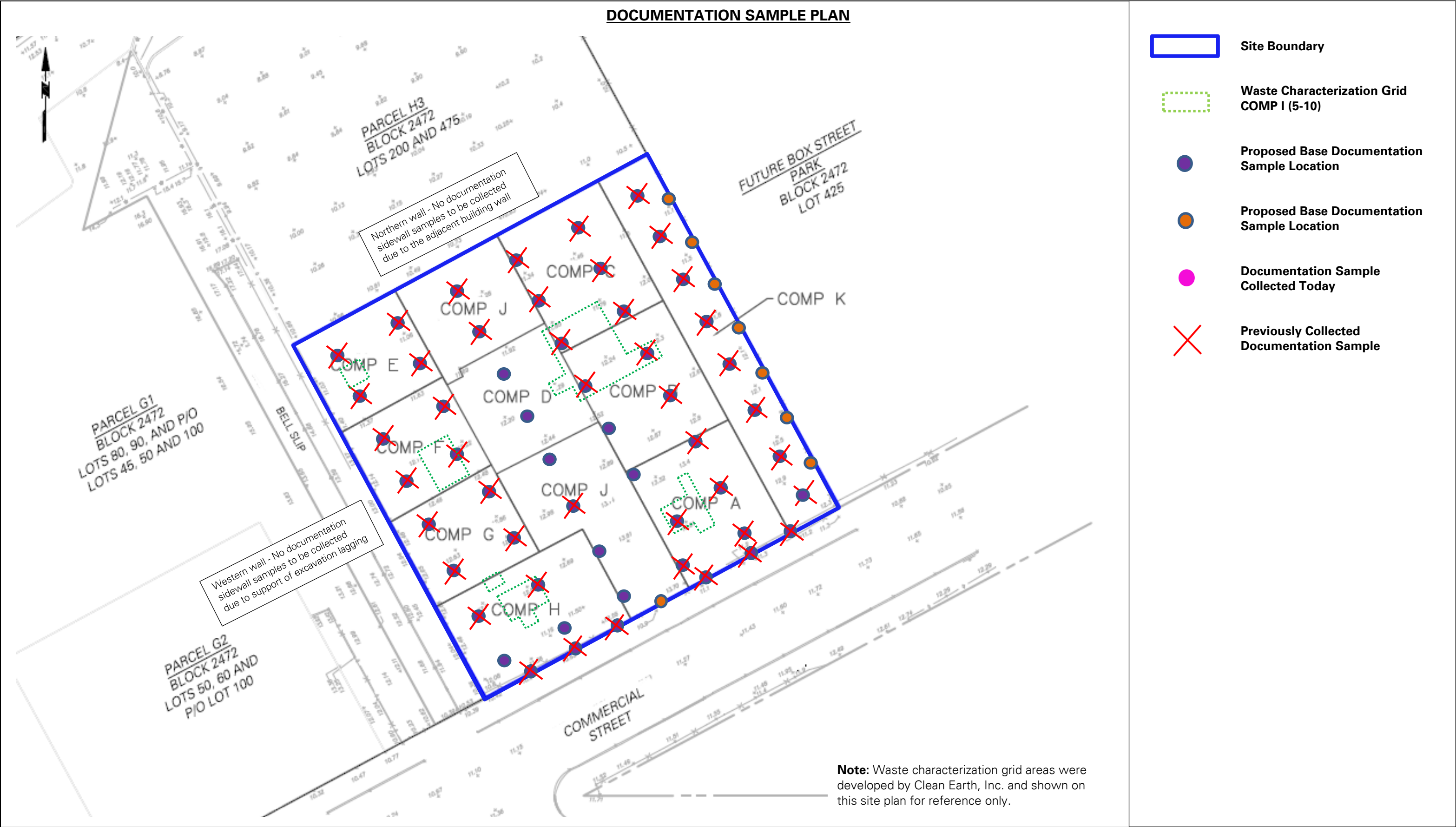
- STNY will continue mass excavating for the remedy, foundation elements, and utilities and will continue exporting soil for off-site disposal.
- STNY will continue pouring concrete for pile caps/grade beams.
- STNY will continue installing sub-membrane depressurization (SMD) system components.

SITE PLAN

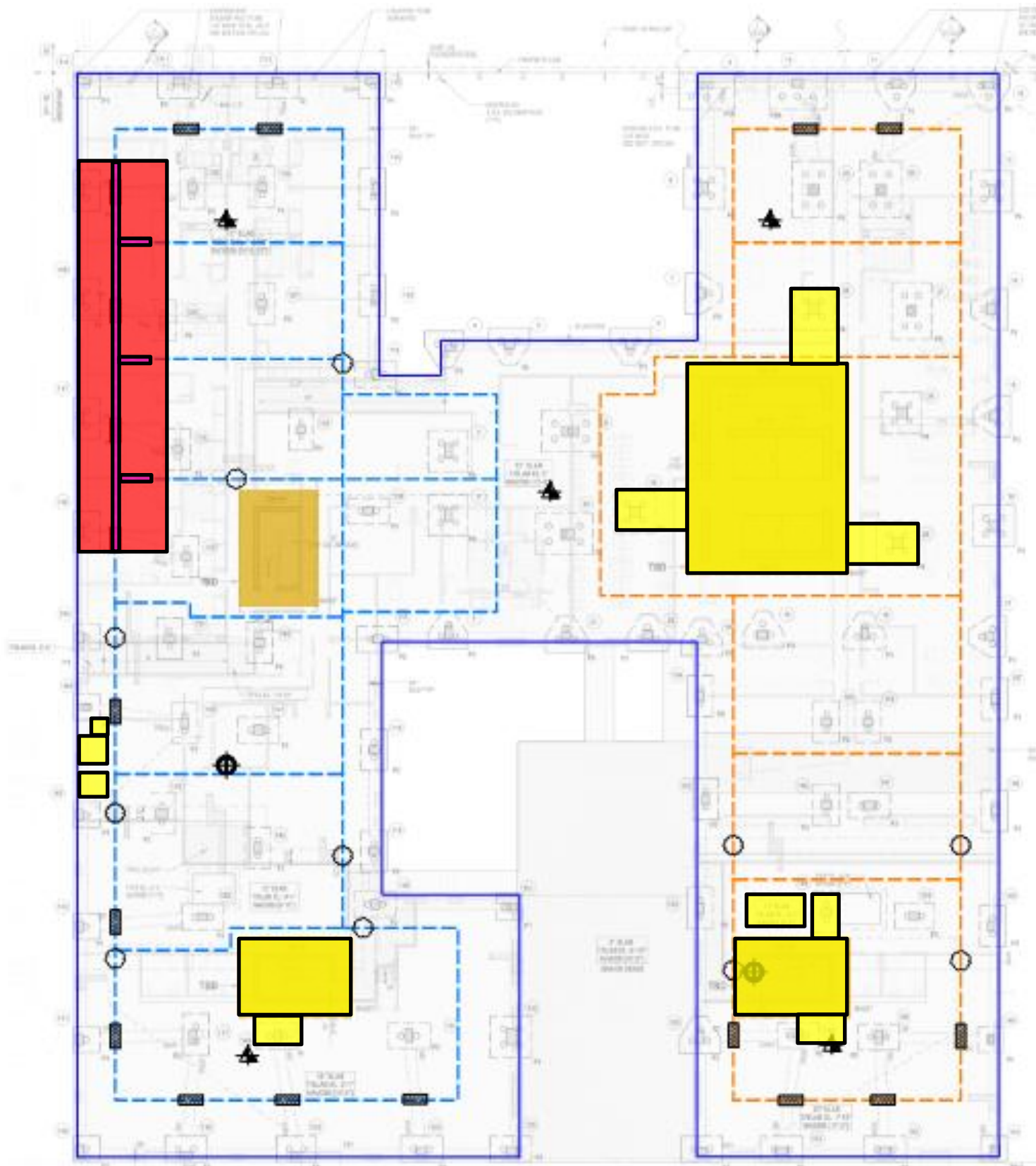








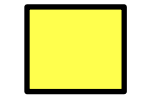

Note: Waste characterization grid areas were developed by Clean Earth, Inc. and shown on this site plan for reference only.

- | | |
|---|--|
|  | 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 |



WATERPROOFING/VAPOR BARRIER AND SMD INSTALLATION MAP



-  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

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

Photo Log

Photo 1:

General view of site (facing north).



Photo 2:

View of STNY loading soil into a truck for off-site disposal to CEC (facing north).



Photo 3:

View of STNY importing
0.75- inch virgin stone from
Tilcon – Mt. Hope Quarry
(facing northwest).



Photo 4:

View of STNY excavating
hotspot LB-22 in the central
portion of the site (facing
north).

