

DAILY FIELD REPORT 058

Prepared By: LANGAN

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

BCP Project No:	C224304	Date:	September 27, 2021
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Project Name:	45 Commercial Street	Time:	6:30 am to 3:30 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Yaskira Mota Diaz
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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 46-foot-long by 10-foot-wide L-shaped area to a maximum depth of 5 feet bgs (from original site grade) in waste characterization grid COMP C and COMP D for grade beam and pile cap installation. Excavated material was stockpiled in waste characterization grid COMP D or was live loaded into trucks for off-site disposal to the Clean Earth of Bethlehem (CEPA) facility located in Bethlehem, Pennsylvania.
 - An about 25-foot-long by 14-foot-wide area to a maximum depth of 4 feet bgs (from original site grade) in waste characterization grid COMP H to allow site personnel to access a mat slab area and pile caps. Excavated material was live loaded into trucks for off-site disposal to the CEPA facility located in Bethlehem, Pennsylvania.
 - An about 30-foot-long by 23-foot-wide area to a maximum depth of 3 feet bgs (from original site grade) in waste characterization grid COMP H to allow site personnel to access a mat slab area and pile caps. Excavated material was stockpiled in waste characterization grid COMP H or live loaded into trucks for off-site disposal to the CEPA facility located in Bethlehem, Pennsylvania.
 - The following additional excavations were completed within the above-described excavation to install pile cap and grade beam formwork. Soil from waste characterization grid COMP H (0-5) and soil from waste characterization grid COMP H below 5 feet bgs were not comingled during excavation and were stockpiled in waste characterization grid COMP H, on the boundary of waste characterization grids COMP G, COMP D and COMP J South, or live loaded into trucks for off-site disposal to the CEPA facility located in Bethlehem, Pennsylvania.
 - An about 13-foot-long by 8-foot-wide excavation to a maximum depth of 7 feet bgs (from original site grade).
 - An about 55-foot-long by 8-foot-wide L-shaped excavation to a maximum depth of 8 feet bgs (from original site grade).
- STNY backfilled an about 32-foot-long by 11-foot-wide area in waste characterization grid COMP A from a maximum depth of 6 foot bsg (from original site grade) to about 1 feet bgs with New York State Department of Environmental Conservation (NYSDEC)-approved 0.75-inch virgin stone from Tilcon - Mt. Hope Quarry to raise the site grade.
- STNY loaded trucks with soil from Soil Stockpile 6 for off-site disposal to the CEPA facility located in Bethlehem, Pennsylvania
- STNY loaded trucks with Soil Stockpile 2 for off-site disposal to the Clean Earth of Carteret (CEC) facility located in Carteret, New Jersey.

- STNY installed Grace Preprufe® 300R Plus waterproofing/vapor barrier membrane, Preprufe® CJ Tape, Preprufe® Detail Tape, and Bituthene Mastic at the mat slab area in waste characterization grid COMP H. 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:

- 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.
 - Five loads of non-native soil were transported to the CEC facility located in Carteret, New Jersey.
- 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.

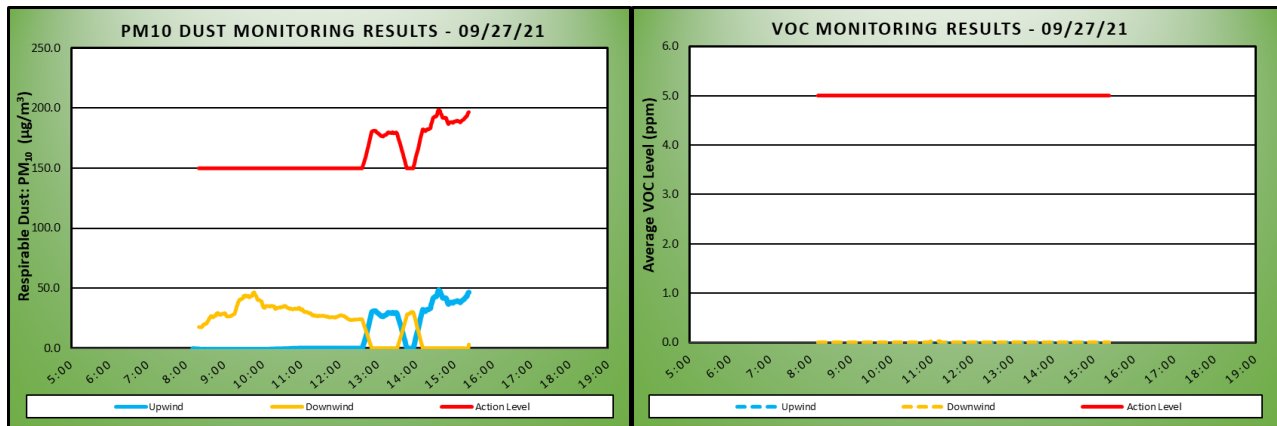
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	8.4		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	11	20.1	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	48.5	46.3	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	78.5	68.4	Maximum 1-min Instant Reading	0.0	0.3

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

ppm= parts per million.

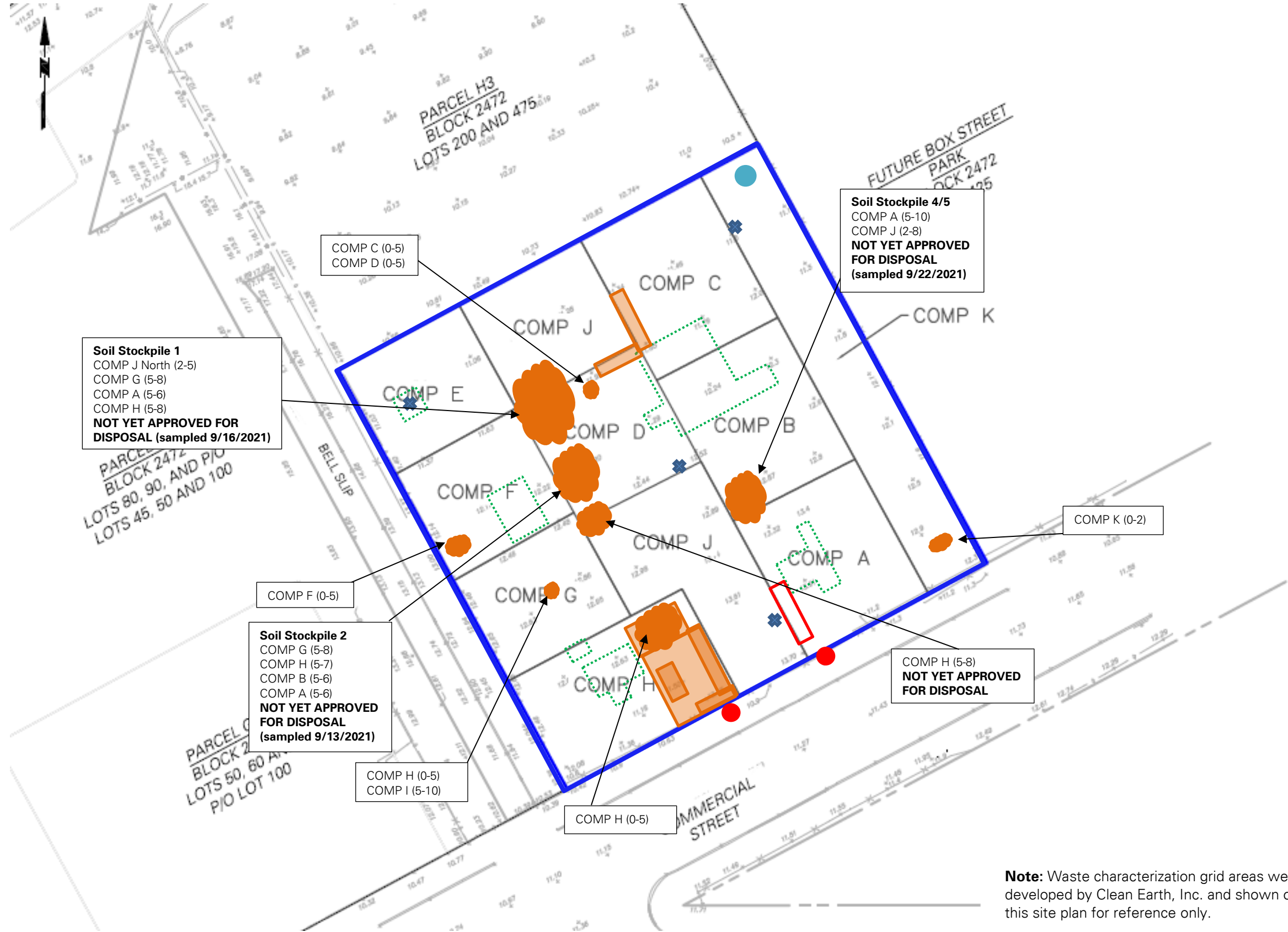
No particulate or organic vapor exceedances at the downwind station were encountered. The daily Community Air Monitoring Program (CAMP) monitoring results are also presented in the following charts:


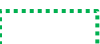













Planned Activities:

- 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.

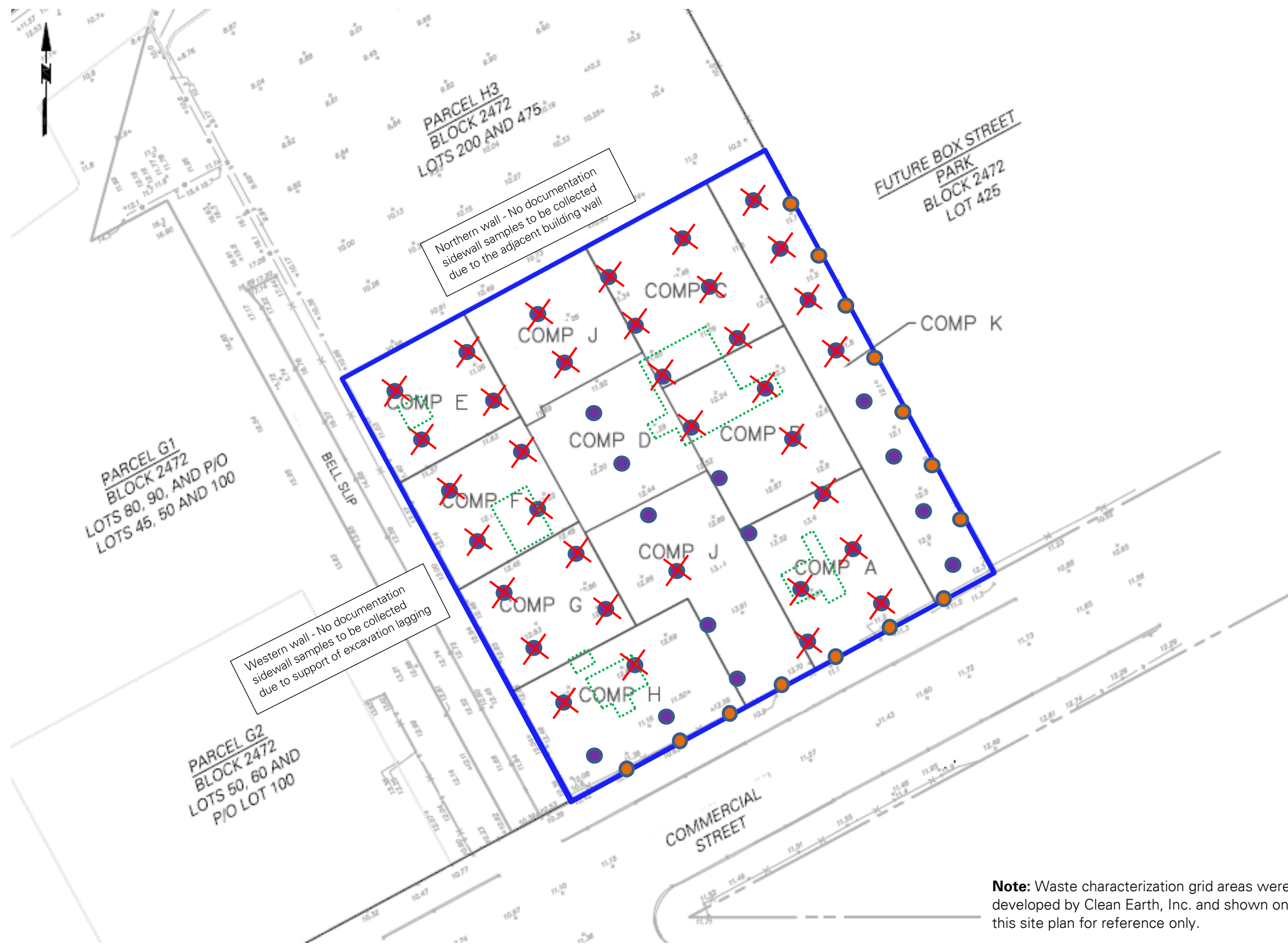
SITE PLAN



-  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

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

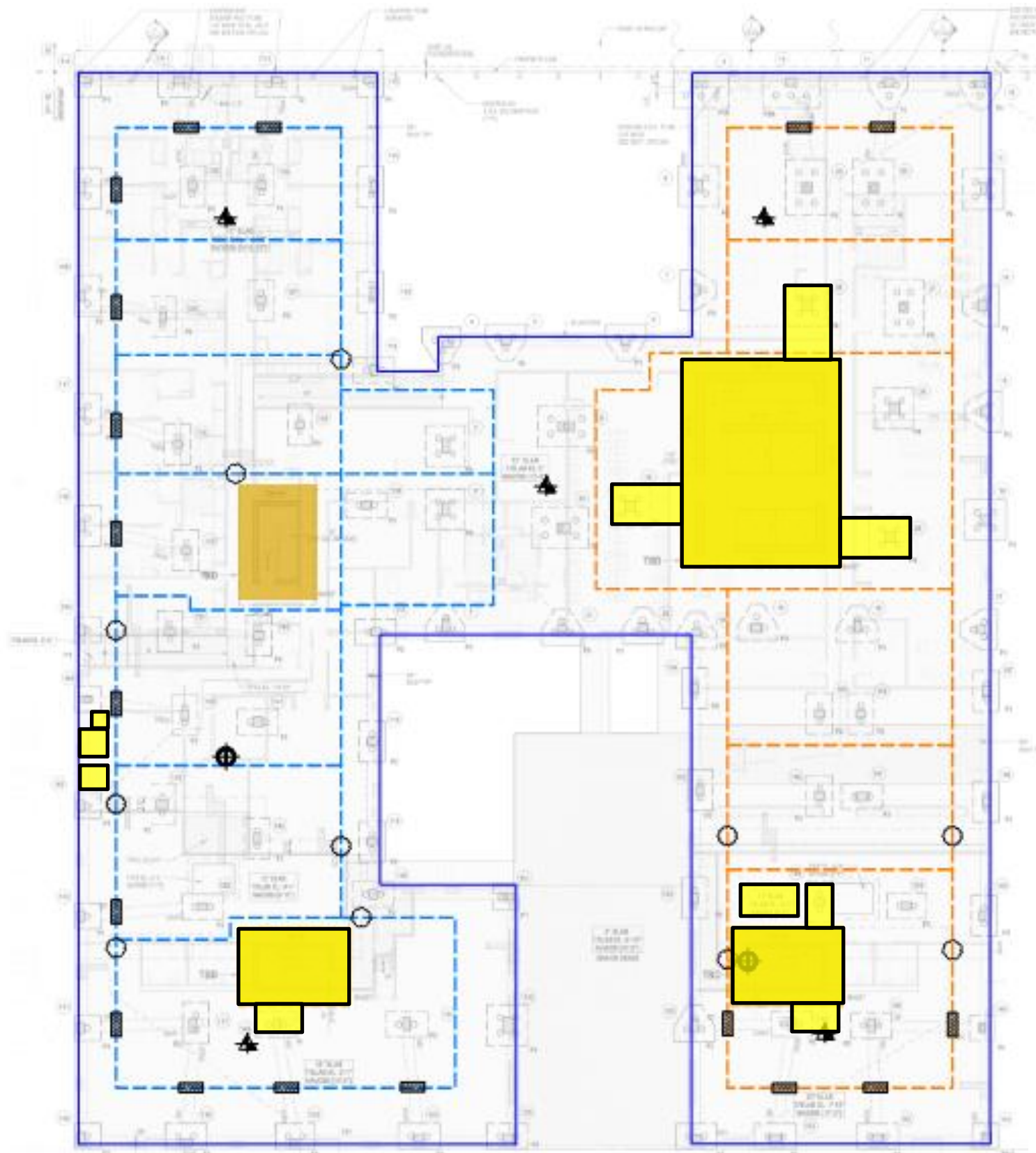
DOCUMENTATION SAMPLE PLAN











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



-  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:

View of STNY excavating for pile caps and grade beam formwork in waste characterization grid COMP H (facing north).



Photo 2:

View of STNY excavating for pile cap and grade beam formwork in waste characterization grids COMP D and COMP C (facing southwest)



Photo 3:

View STNY loading a truck with soil for offsite disposal to the CEPA facility (facing north).



Photo 4:

View of waterproofing in the mat slab area in waste characterization grid COMP H (facing north).



DAILY FIELD REPORT 059

Prepared By: LANGAN

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

BCP Project No:	C224304	Date:	September 28, 2021
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Project Name:	45 Commercial Street	Time:	6:30 am to 3:45 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Yaskira Mota Diaz
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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. Excavated material was added to Soil Stockpile 6 or was live loaded into trucks for off-site disposal to the Clean Earth of Bethlehem facility (CEPA) located in Bethlehem, Pennsylvania.
 - An about 40-foot-long by 13-foot-wide area to a maximum depth of 5 feet below grade surface (bgs) (from original site grade) in waste characterization grid COMP D for grade beam and pile cap formwork installation.
 - An about 20-foot-long by 15-foot-wide area to about 5 feet bgs (from original site grade) in waste characterization grid COMP D for pile cap formwork installation.
- STNY loaded trucks with soil from Soil Stockpile 6 for off-site disposal to the CEPA facility located in Bethlehem, Pennsylvania.
- STNY loaded trucks with the a soil stockpile¹ in waste characterization grid D for off-site disposal to the CEPA facility located in Bethlehem, Pennsylvania.
- STNY loaded trucks with Soil Stockpile 2 for off-site disposal to the Clean Earth of Carteret (CEC) facility located in Carteret, New Jersey.
- STNY relocated Soil Stockpile 1 from the boundary of waste characterization grids COMP J North and COMP D to the boundary of waste characterization grids COMP D and COMP J South to allow for excavation in waste characterization grid COMP D.
- STNY relocated a soil stockpile² from the boundary of waste characterization grids COMP D, COMP G and COMP J South to the boundary of waste characterization grids COMP A and COMP J South to allow for excavation in waste characterization grid COMP D.
- STNY installed Grace Preprufe® 300R Plus waterproofing/vapor barrier membrane, Preprufe® CJ Tape, Preprufe® Detail Tape, and Bituthene Mastic at a mat slab area in waste characterization grid COMP H. 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.

¹ COMP D (0-5) and COMP C (0-5)

² COMP H (5-8)

Material Tracking:

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

Samples Collected:

- No samples were collected.

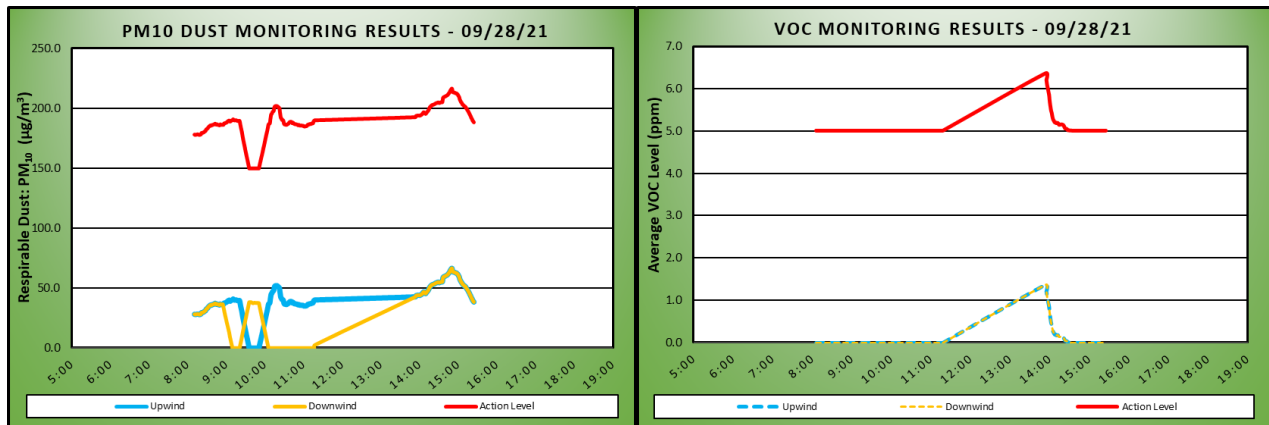
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	15.5		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	38.4	27.7	Daily Time Weighted Average	0.1	0.1
Maximum 15-min Average	66.5	66.5	Maximum 15-min Average	1.4	1.4
Minimum 1-min Instant Reading	0.0	0.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	105.5	105.5	Maximum 1-min Instant Reading	5.4	5.4

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

ppm= parts per million.

Community air monitoring was not performed from 11:19 until 13:38 due to inclement weather. 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:


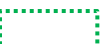













Planned Activities:

- 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.

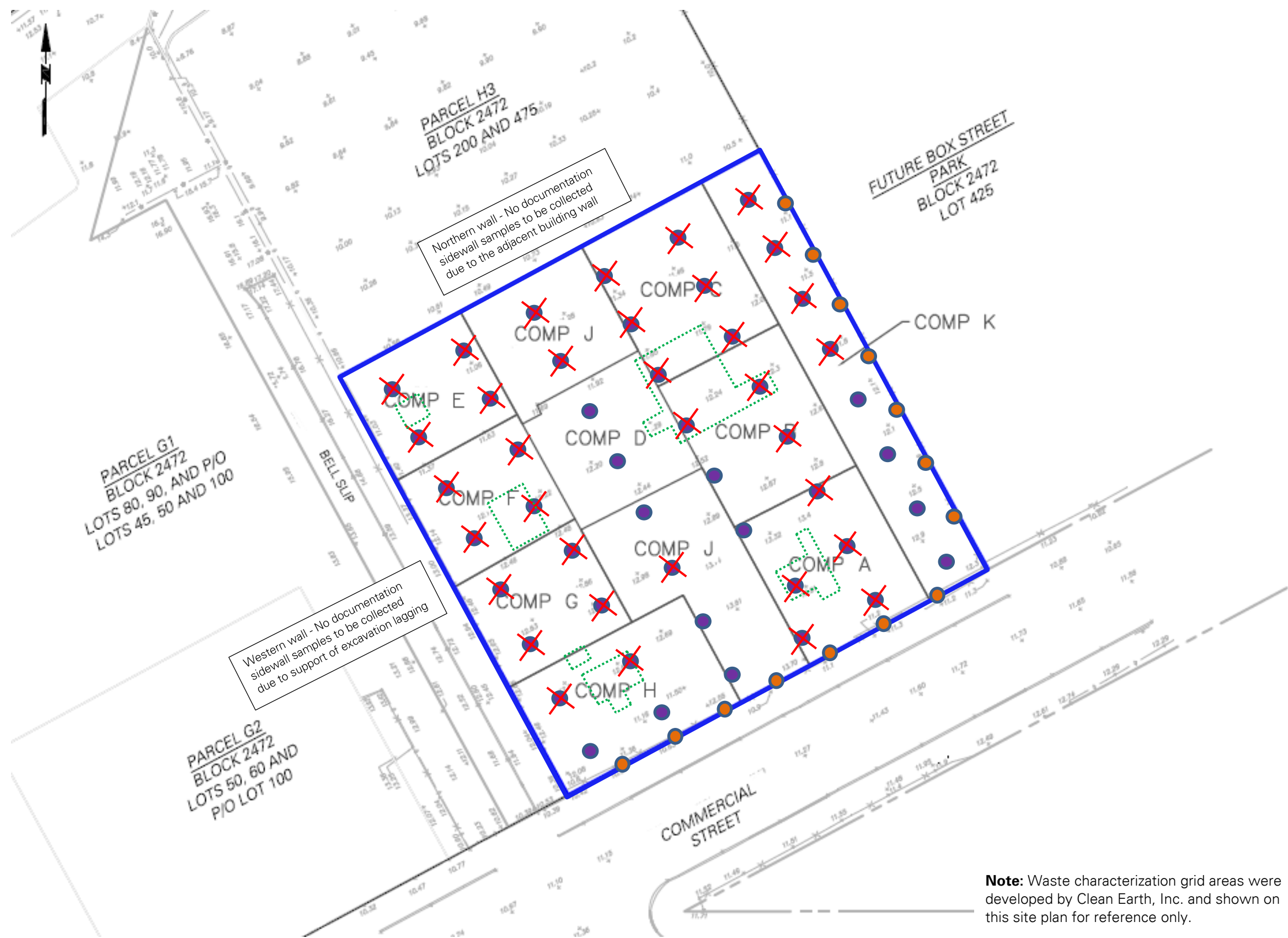
SITE PLAN









-  **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**

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

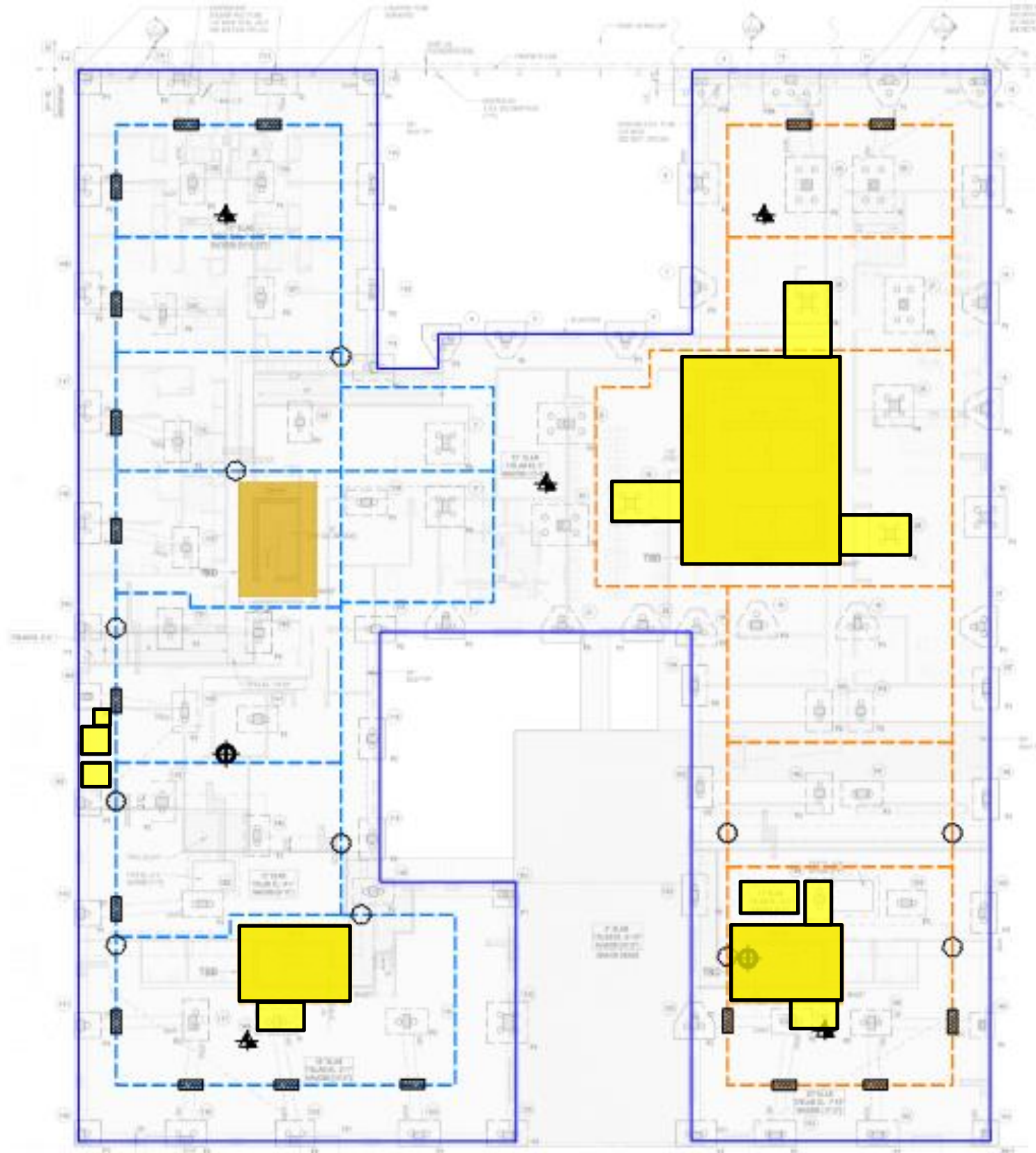
DOCUMENTATION SAMPLE PLAN







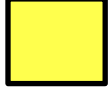



-  **Site Boundary**
-  **Waste Characterization Grid
COMP I (5-10)**
-  **Proposed Base Documentation
Sample Location**
-  **Proposed Base Documentation
Sample Location**
-  **Documentation Sample
Collected Today**
-  **Previously Collected
Documentation Sample**

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



-  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:
View of STNY excavating
for pile cap and grade beam
formwork in waste
characterization grid COMP
D (facing northwest).



Photo 2:
View of STNY relocating
Soil Stockpile 1 (facing
northwest).



Photo 3:

View STNY loading a truck with soil for off-site disposal to the CEPA facility (facing south)



Photo 4:

View of STNY excavating for pile cap and grade beam formwork in waste characterization grid COMP D (facing west).



DAILY FIELD REPORT 060

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:	September 29, 2021
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Project Name:	45 Commercial Street	Time:	6:45 am to 3:45 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Yaskira Mota Diaz
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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, did not exhibit signs of chemical- or petroleum-like contamination, and was added to Soil Stockpile 6.
 - An about 22-foot-long by 15-foot-wide area to a maximum depth of 5 (bgs) (from original site grade) in waste characterization grid COMP D for grade beam and pile cap formwork installation.
 - An about 16-foot-long by 14-foot-wide area to about 5 feet bgs (from original site grade) in waste characterization grid COMP D for pile cap formwork installation.
 - An about 12-foot-long by 7-foot-wide area to about 3 feet bgs (from original site grade) in waste characterization grid COMP D for pile cap formwork installation.
- STNY loaded trucks with soil from Soil Stockpile 6 and a soil stockpile¹ in waste characterization grid COMP G for off-site disposal to the Clean Earth of Bethlehem (CEPA) facility located in Bethlehem, Pennsylvania.
- STNY relocated Soil Stockpile 1 from the boundary of waste characterization grids COMP D and COMP J South to waste characterization grid COMP J South to allow for excavation in waste characterization grid COMP D.
- STNY backfilled an about 25-foot-long by 10-foot-wide area in waste characterization grid COMP D with New York State Department of Environmental Conservation (NYSDEC)-approved 0.75-inch virgin stone from Tilcon – Mt. Hope Quarry from a maximum of 5 feet bgs (from original site grade) to about 2 feet bgs.

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 two loads of 0.75-inch virgin stone from Tilcon - Mt. Hope Quarry.

Samples Collected:

- No samples were collected.

¹ COMP H (0-5), COMP I (5-10)

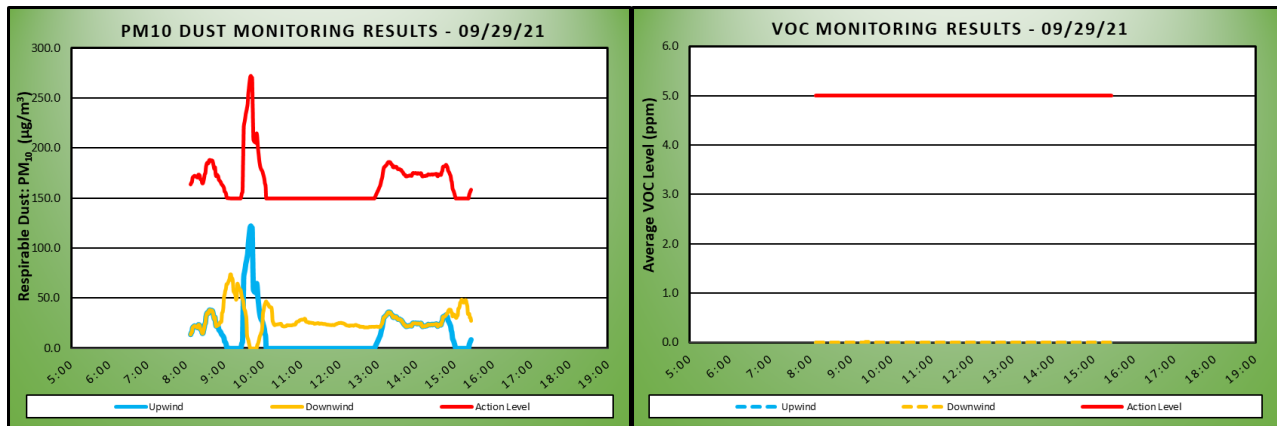
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	14.0		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	15.1	28.2	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	122.2	74.1	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	503.5	246.0	Maximum 1-min Instant Reading	0.0	0.2

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


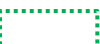













Planned Activities:

- 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.

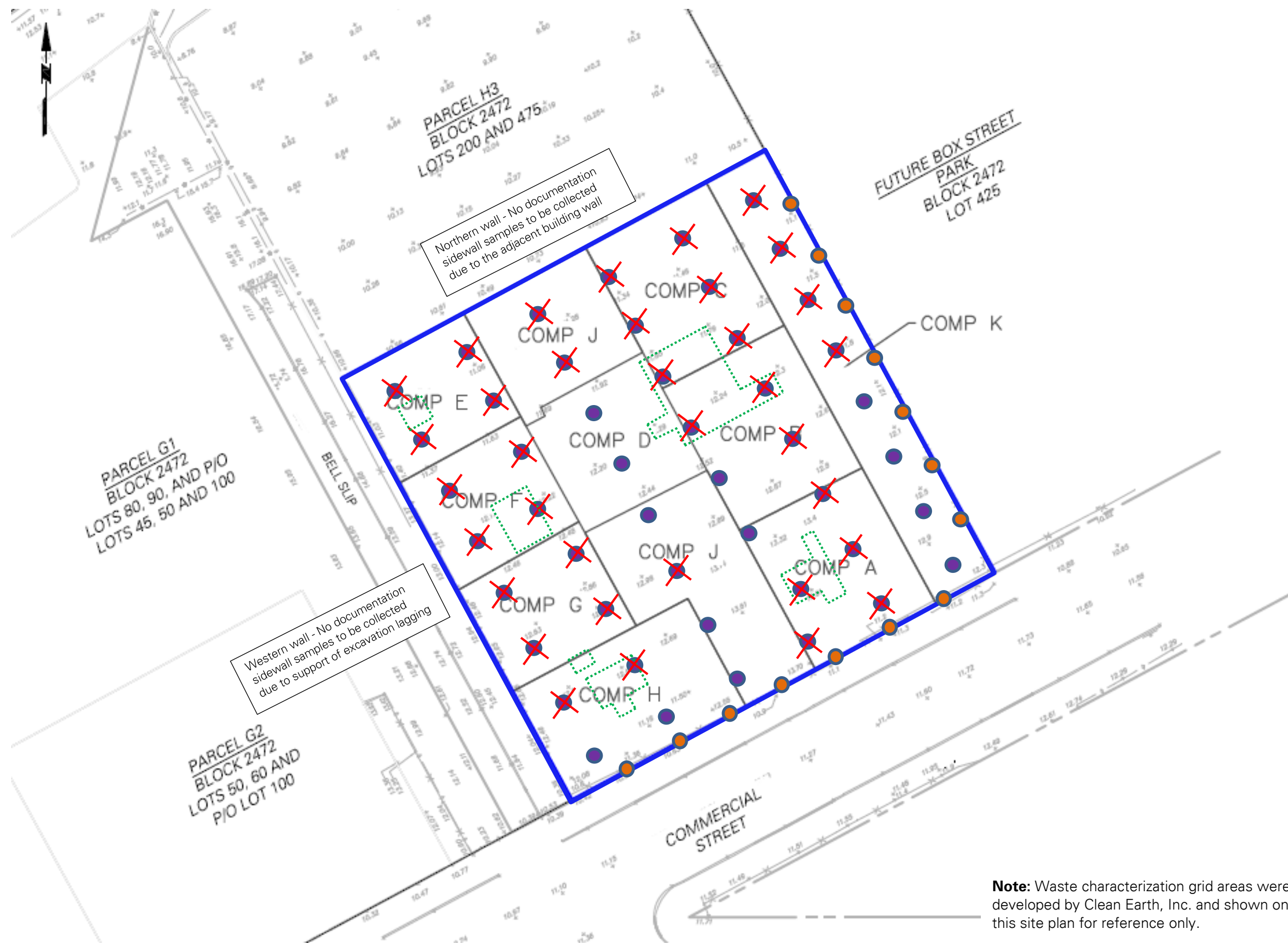
SITE PLAN



-  **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**

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

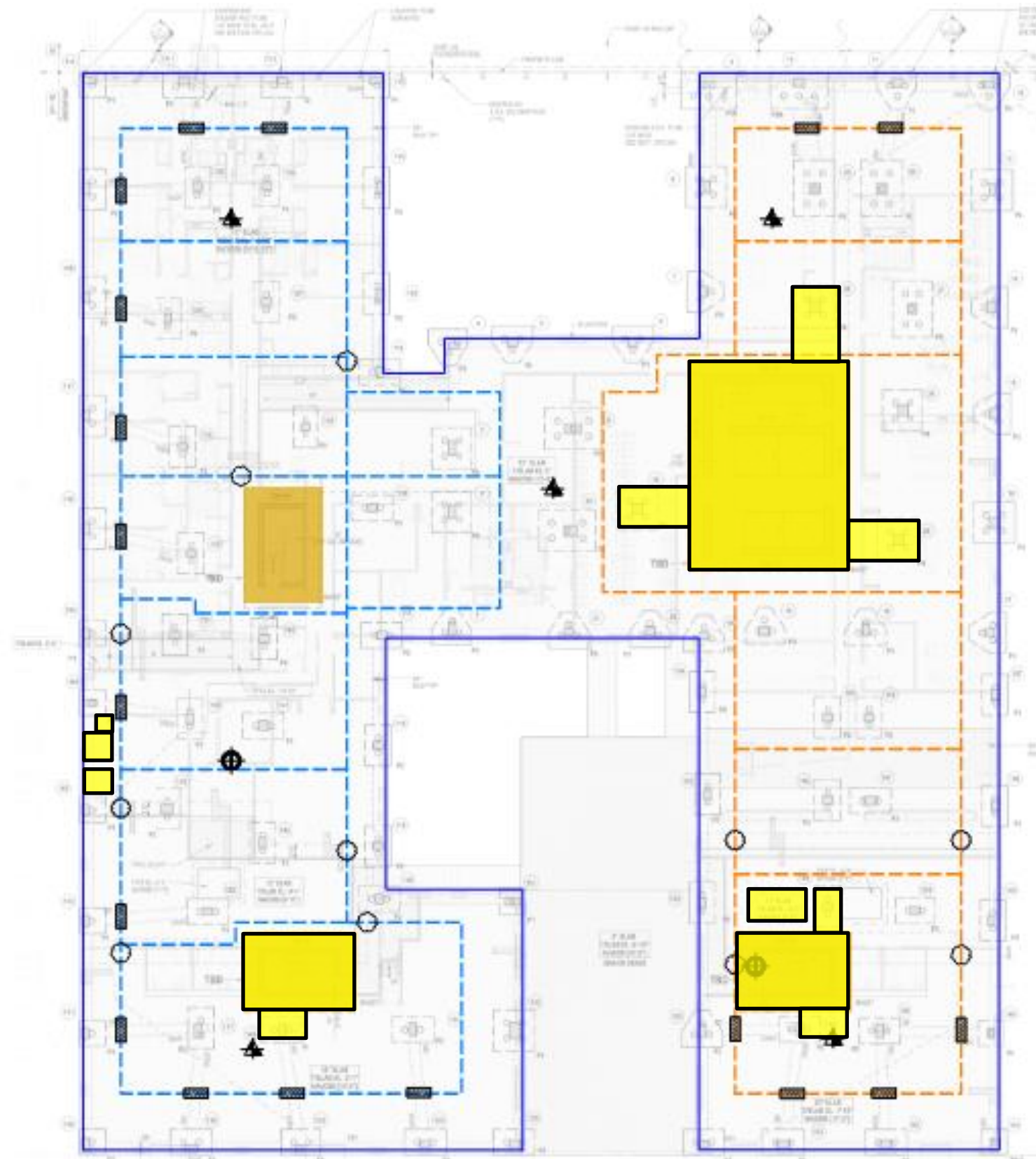
DOCUMENTATION SAMPLE PLAN











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



-  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:
View of STNY excavating
for pile cap and grade beam
formwork installation in
waste characterization grid
COMP D (facing west).



Photo 2:
View of STNY relocating
Soil Stockpile 1 in waste
characterization grid COMP
J South (facing north).



Photo 3:

View STNY loading trucks for offsite disposal to the CEPA facility in waste characterization grid COMP H (facing north).



Photo 4:

View of STNY excavating for pile cap and grade beam formwork installation in waste characterization grid COMP D (facing east).



DAILY FIELD REPORT 061

Prepared By: LANGAN

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

BCP Project No:	C224304	Date:	September 30, 2021
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Project Name:	45 Commercial Street	Time:	6:30 am to 3:30 pm
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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 30-foot-long by 12-foot-wide area to about 5 feet below grade surface (bgs) (from original site grade) in waste characterization grid COMP D (0-5) for pile cap and grade beam formwork installation. Excavated material consisted of non-native soil that did not exhibit signs of chemical- or petroleum-like contamination. Excavated material was stockpiled in waste characterization grid COMP H or live-loaded into trucks for off-site disposal to the Clean Earth of Bethlehem facility (CEPA) located in Bethlehem, Pennsylvania.
- STNY backfilled the following areas in waste characterization grid COMP D 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 74-foot-long by 2-foot-wide area, an about 20-foot-long by 15-foot wide area, and an about 40-foot-long by 15-foot-wide area around pile cap/grade beam formwork from a maximum depth of 5 feet bgs (from original site grade) to about 1 foot bgs.
 - An about 20-foot-long by 15-foot-wide area in waste characterization grid COMP D from about 5 feet bgs (from original site grade) to 1 foot bgs.
- STNY loaded trucks with Soil Stockpile 1 for off-site disposal to the Clean Earth of Carteret (CEC) facility located in Carteret, New Jersey.

Material Tracking:

- The following soil/fill was exported from the site:
 - Four loads of non-native soil were transported to the CEPA facility located in Bethlehem, Pennsylvania.
 - Six loads of non-native soil were transported to the CEC facility located in Carteret, New Jersey.
- 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:

- No samples were collected.

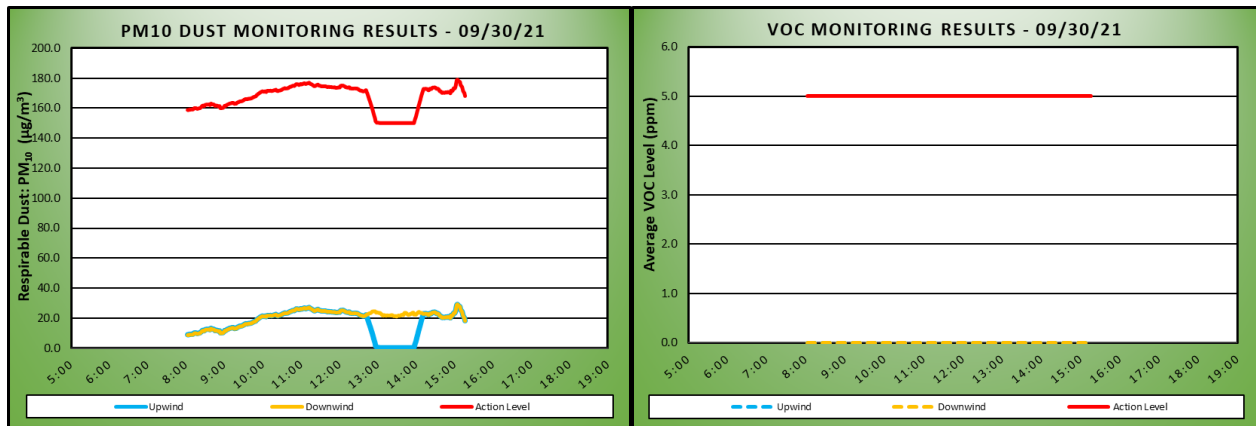
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	8.8		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	16.5	20.2	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	29.1	29.1	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	50.3	50.3	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.

SITE PLAN



Soil Stockpile 4/5
 COMP A (5-10)
 COMP J (2-8)
NOT YET APPROVED FOR DISPOSAL (sampled 9/22/2021)


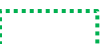











COMP H (5-8)
NOT YET APPROVED FOR DISPOSAL

COMP K (0-2)

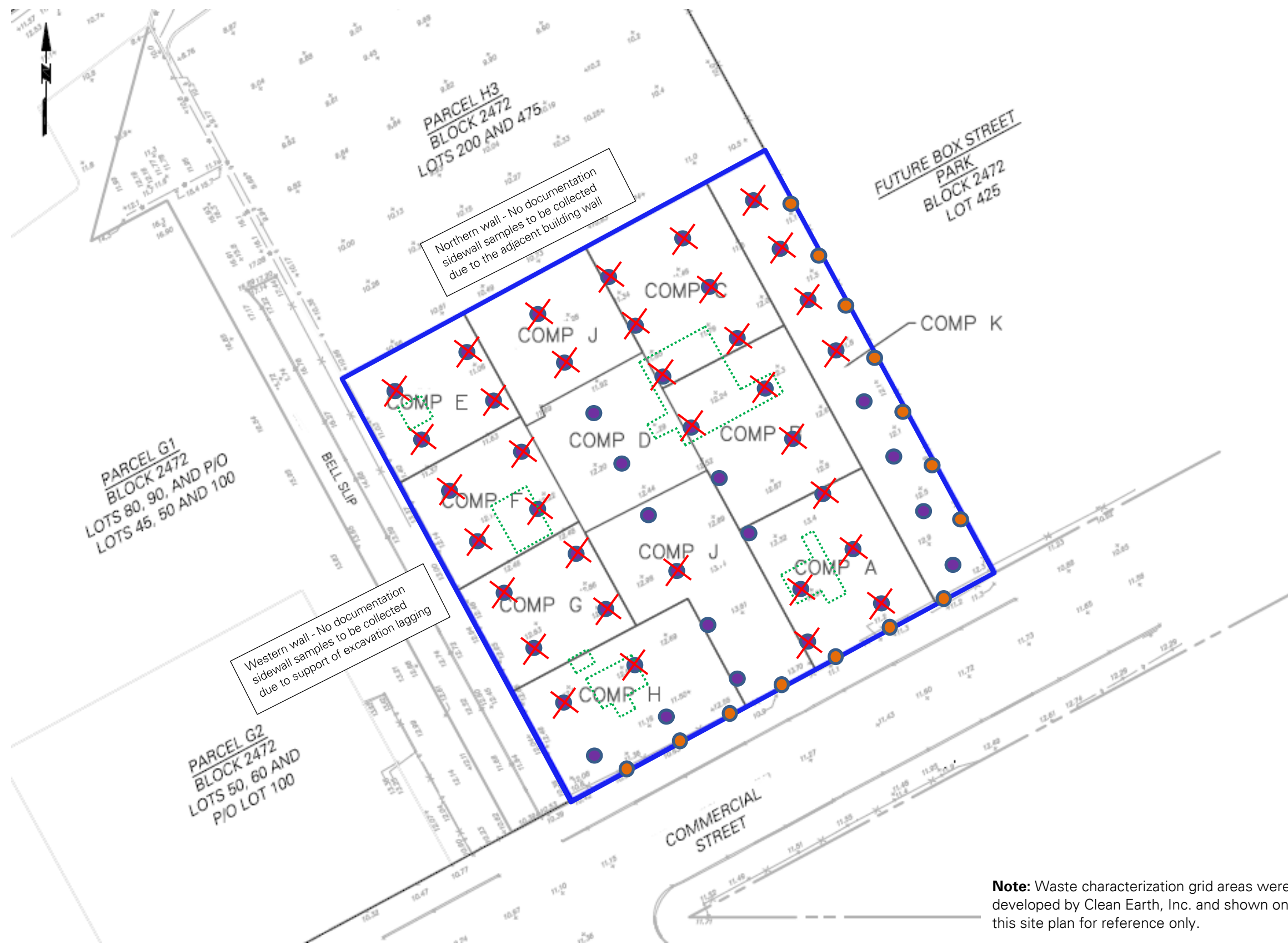
COMP F (0-5)

COMP D (0-5)

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**

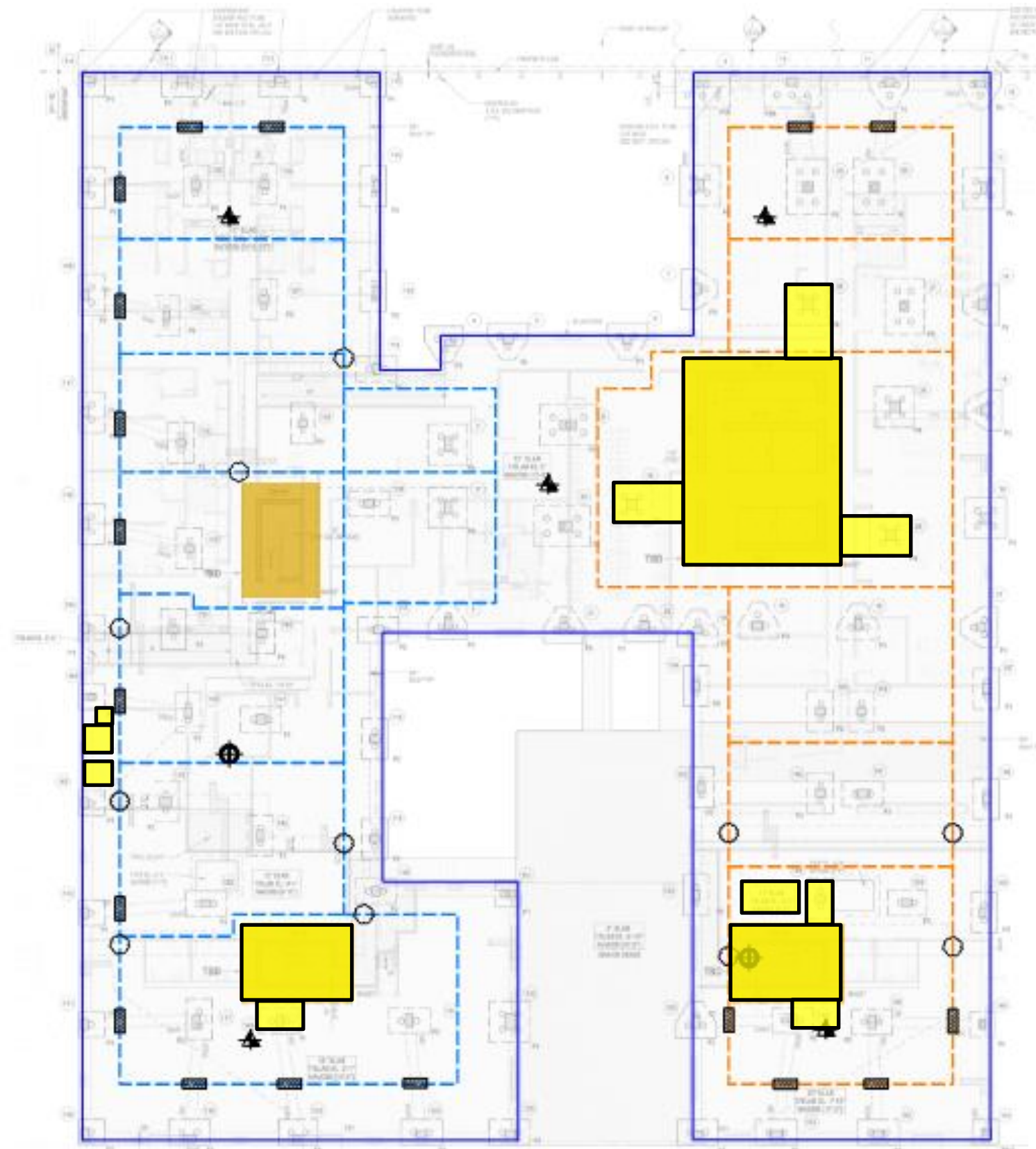
DOCUMENTATION SAMPLE PLAN







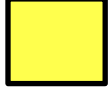



- Site Boundary**
- Waste Characterization Grid
COMP I (5-10)**
- Proposed Base Documentation
Sample Location**
- Proposed Base Documentation
Sample Location**
- Documentation Sample
Collected Today**
- X **Previously Collected
Documentation Sample**

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



-  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:

View of STNY excavating for pile cap and grade beam formwork installation in waste characterization grid COMP D (facing northwest).



Photo 2:

View of STNY excavating for pile cap and grade beam formwork installation in waste characterization grid COMP D (facing south).



Photo 3:

View of pile cap and grade beam formwork in waste characterization grid COMP D (facing east).



Photo 4:

View of STNY backfilling around pile cap and grade beam formwork in waste characterization grid COMP D (facing north).



DAILY FIELD REPORT 062

Prepared By: LANGAN

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

BCP Project No:	C224304	Date:	October 1, 2021
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Project Name:	45 Commercial Street	Time:	7:00 am to 2:30 pm
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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 16-foot-long by 12-foot-wide areas to about 5 feet below grade surface (bgs) (from original site grade) in waste characterization grid COMP D (0-5) for pile cap and grade beam formwork installation. Excavated material consisted of non-native soil that did not exhibit signs of chemical- or petroleum-like contamination. Excavated material was stockpiled in waste characterization grid COMP J South.
- STNY relocated Soil Stockpile 4/5 from waste characterization grid COMP B to the western side of waste characterization grid COMP J South.
- STNY relocated a soil stockpile¹ from the boundary of waste characterization grids COMP A and COMP J South to the western side of waste characterization grid COMP J South.

Material Tracking:

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

Samples Collected:

- No samples were collected.

¹ COMP H (5-8) NOT YET APPROVED FOR DISPOSAL

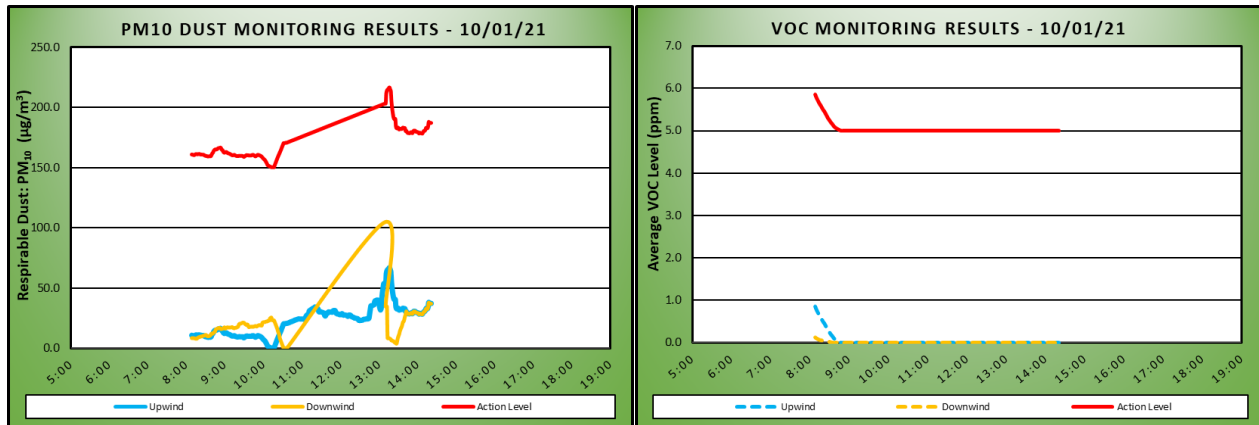
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	10.7		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	22.9	22.6	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	66.6	104.8	Maximum 15-min Average	0.8	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	160.8	1057.5	Maximum 1-min Instant Reading	1.2	0.2

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

ppm= parts per million.

Particulate data was not collected at the downwind station from 10:38 until 12:54 and organic vapor data was not collected at the downwind station from 10:38 until 13:29 due to malfunctioning equipment and connectivity issues. The equipment is scheduled for repairs on Monday, October 4. 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




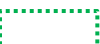











Soil Stockpile 4/5
 COMP A (5-10)
 COMP J (2-8)
NOT YET APPROVED FOR DISPOSAL (sampled 9/22/2021)

COMP H (5-8)
NOT YET APPROVED FOR DISPOSAL

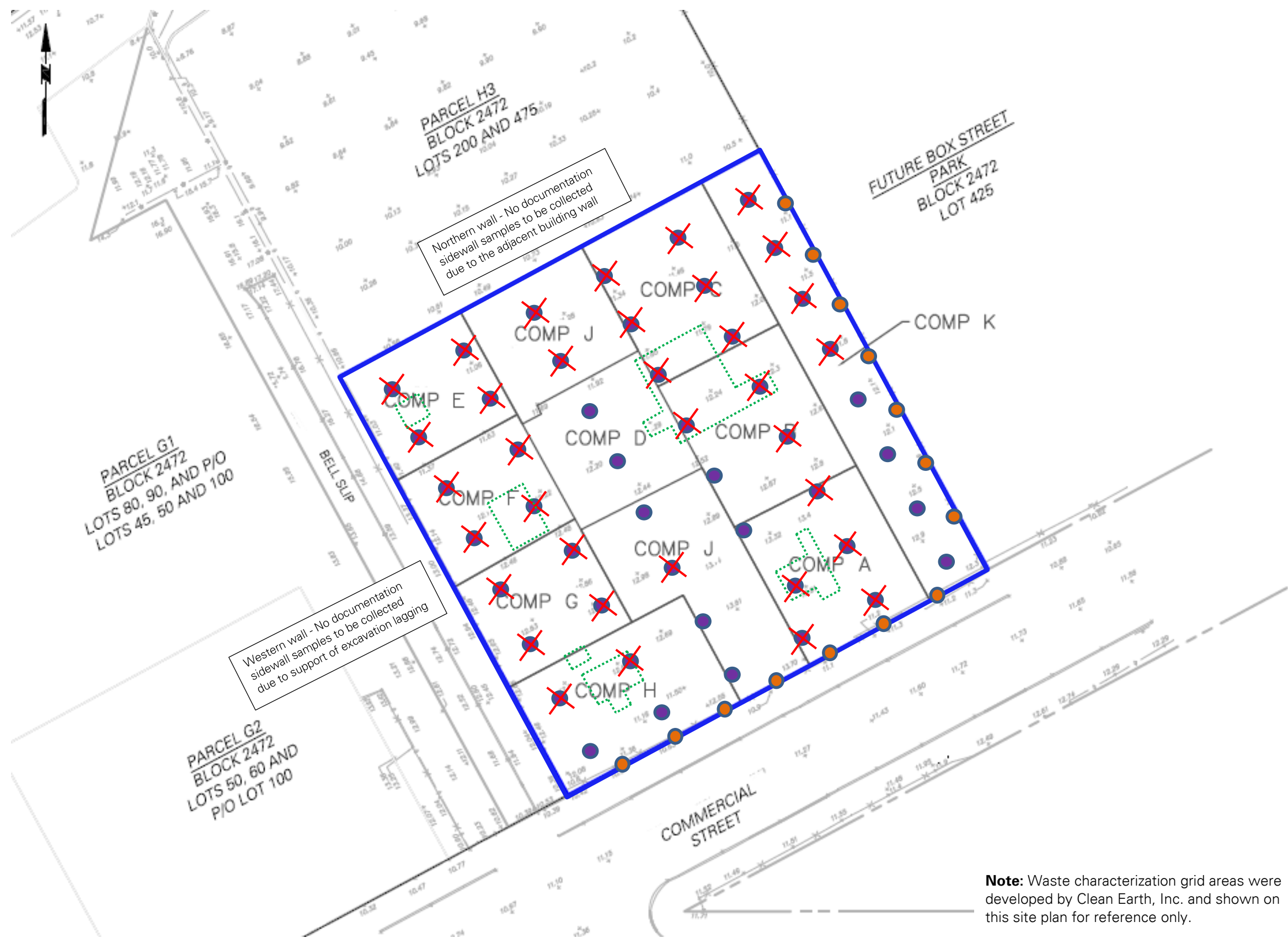
COMP D (0-5)

COMP K (0-2)

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)**
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-  **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**

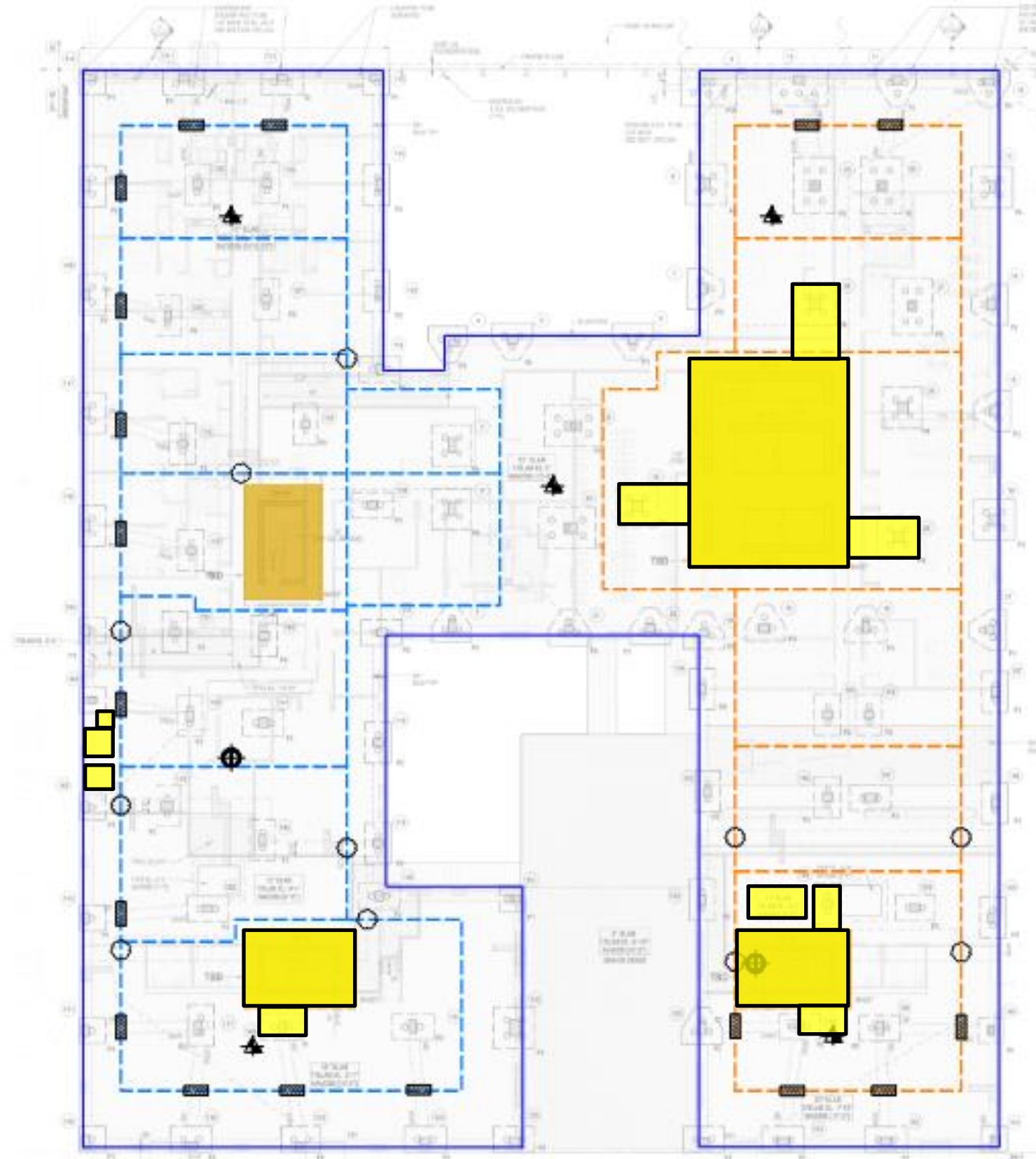
DOCUMENTATION SAMPLE PLAN











- Site Boundary**
- Waste Characterization Grid
COMP I (5-10)**
- Proposed Base Documentation
Sample Location**
- Proposed Base Documentation
Sample Location**
- Documentation Sample
Collected Today**
- X **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 (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 in the beginning of the day (facing north).



Photo 2:

View of STNY excavating for pile cap and grade beam formwork installation in waste characterization grid COMP D (facing west).



Photo 3:

View of STNY excavating for pile cap and grade beam formwork installation in waste characterization grid COMP D (facing northeast).



Photo 4:

View of covered stockpiles within COMP J South at the end of the work day (facing north).

