

DAILY FIELD REPORT 107

Prepared By: LANGAN

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

BCP Project No:	C224304	Date:	December 13, 2021
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Project Name:	45 Commercial Street	Time:	6:30 am to 4:45 pm
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

Langan Field Personnel:
Yaskira Mota

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

Work Activities Performed:

- MC backfilled an about 10-foot-long by 3-foot-wide area in waste characterization grid COMP J South from a maximum depth of about 3 feet below grade surface (bgs) (from original site grade) to about 2.5 feet bgs with imported 0.75-inch stone (scraped from the surface of waste characterization grid COMP K) to fill in a previous utility trench excavation. An about 3-inch layer of concrete was then poured on top of the stone backfill.
- MC relocated two non-native soil stockpiles within waste characterization grid COMP J South in preparation for off-site disposal.
- Highbury poured concrete in the northeastern corner of the waste characterization grid COMP J South to create a temporary stable surface for a mobile generator.

Material Tracking:

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

Samples Collected:

- No samples were collected

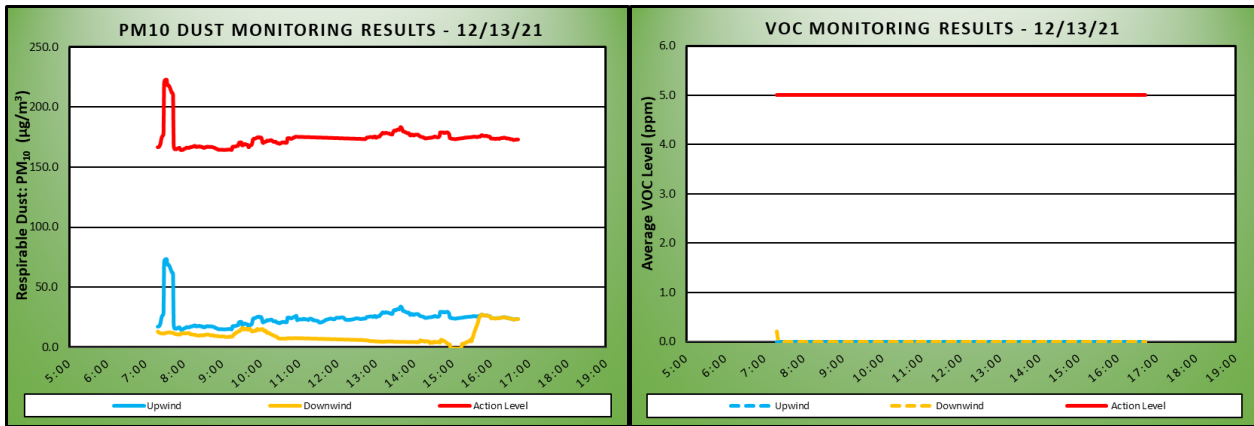
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	17.0		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	24.0	10.5	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	73.2	27.0	Maximum 15-min Average	0.0	0.2
Minimum 1-min Instant Reading	10.5	0.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	643.8	50.3	Maximum 1-min Instant Reading	0.0	3.0

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

ppm= parts per million.

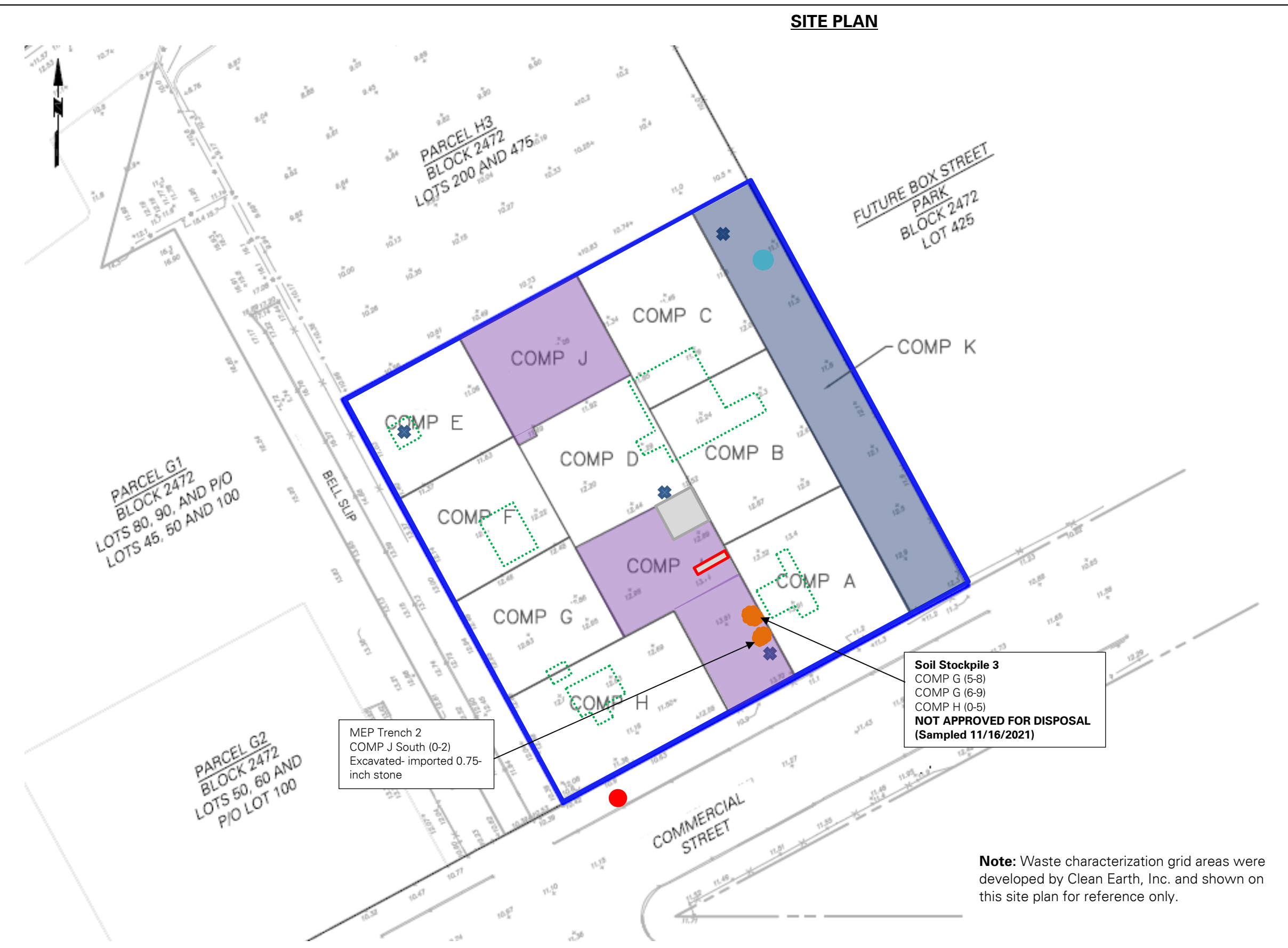
No data was collected from downwind station from 10:55 until 12:26 due to a power system issue. The system was repaired and the issue was resolved. No particulate or organic vapor exceedances at the downwind station were encountered. The daily Community Air Monitoring Program (CAMP) monitoring results are also presented in the following charts:



Planned Activities:


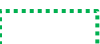





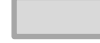



- The selected landscaping contractor will regrade waste characterization grid COMP J North (courtyard), install demarcation barriers in waste characterization grids COMP J North and COMP J South, and backfill with at least 2 feet of clean cover.
- MC will continue exporting soil for off-site disposal.
- MC will pour concrete at a remaining area of exposed vapor barrier in waste characterization grid COMP F.

SITE PLAN



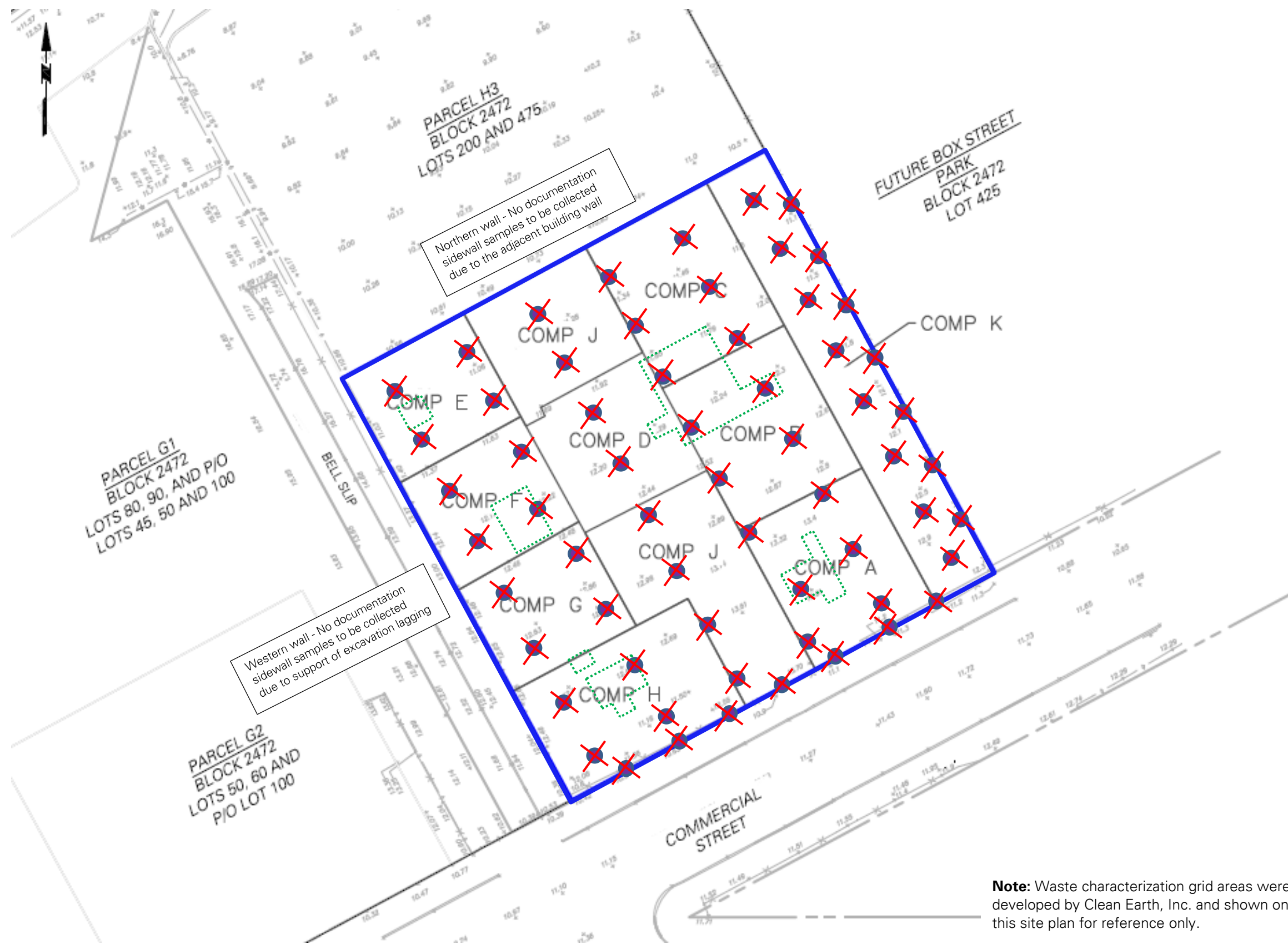
MEP Trench 2
 COMP J South (0-2)
 Excavated- imported 0.75-
 inch stone

Soil Stockpile 3
 COMP G (5-8)
 COMP G (6-9)
 COMP H (0-5)
NOT APPROVED FOR DISPOSAL
 (Sampled 11/16/2021)

-  **Site Boundary**
-  **Waste Characterization Grid
COMP I (5-10)**
-  **Upwind CAMP station**
-  **Downwind CAMP station**
-  **Stockpile - Soil**
-  **Stockpile - Imported Material**
-  **Approximate Location of
Excavation**
-  **Approximate Area of Backfilling**
-  **Approximate Area of Regrading**
-  **Approximate Location of
Concrete Pouring**
-  **Approximate Area of Installed
Demarcation Layer**
-  **2 Foot Remedial Excavation
Completed**
-  **2 Foot Remedial Excavation
Completed, Demarcation Layer
Installed, and 2 Feet of Clean
Cover Layer Placed**

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
-  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 loading a truck with soil for off-site disposal to the CEC facility (facing north).



Photo 2:

View of STNY excavating in waste characterization grid COMP J South to repair a utility pipe (facing north).



Photo 3:
View of utility repair
excavation in waste
characterization grid COMP
J South (facing north).



Photo 4:
View of soil stockpiles in
waste characterization grid
COMP J South (facing
northwest).



DAILY FIELD REPORT 108

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

Prepared By: LANGAN

BCP Project No:	C224304	Date:	December 14, 2021
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Project Name:	45 Commercial Street	Time:	5:45 am to 8:30 am
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Consultant: Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)	Langan Field Personnel: Tyler Goodnough
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Construction Manager: Monadnock Construction Inc. (MC) Foundation Contractor: StructureTech New York, Inc. (STNY) Building Contractor: Highbury Concrete, Inc. (Highbury) Soil Broker: Clean Earth, Inc. (CE)
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Work Activities Performed:

- MC loaded a truck with a soil stockpile¹ and Soil Stockpile 3 in waste characterization grid COMP J South 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:
 - One truckload of non-native soil was transported to the CEC facility located in Carteret, New Jersey.
- No material was imported to the site.

Samples Collected:

- No samples were collected

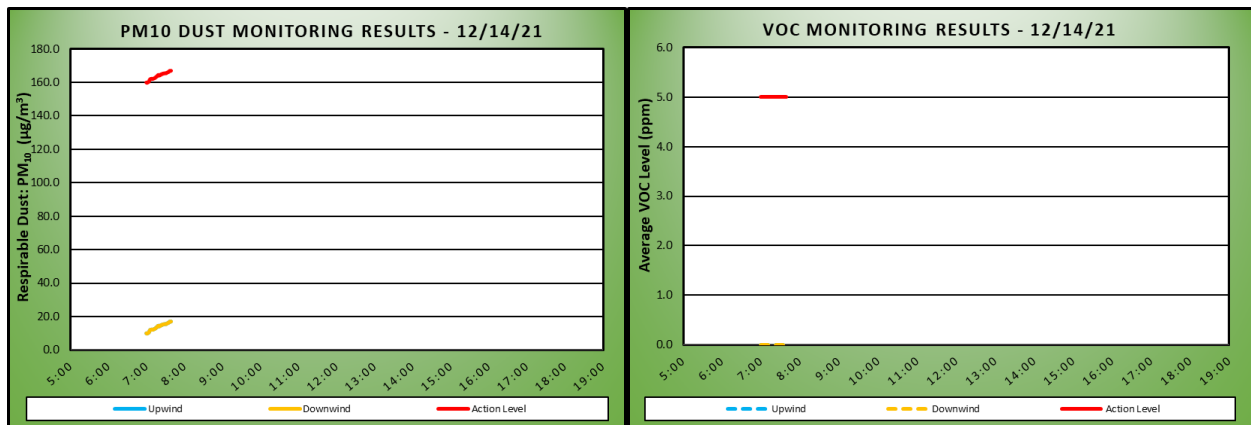
Air Monitoring

Particulate Monitoring ($\mu\text{g}/\text{m}^3$)			Organic Vapor Monitoring (ppm)		
Daily background	10.0		Daily background	0.0	
Averaging Period	Upwind	Downwind	Averaging Period	Upwind	Downwind
Daily Time Weighted Average	13.8	13.8	Daily Time Weighted Average	0.0	0.0
Maximum 15-min Average	17.1	17.1	Maximum 15-min Average	0.0	0.0
Minimum 1-min Instant Reading	7.0	7.0	Minimum 1-min Instant Reading	0.0	0.0
Maximum 1-min Instant Reading	24.8	24.8	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:












¹ MEP Trench 2, COMP J South (0-2)

Planned Activities:

- MC will pour concrete at a remaining area of exposed vapor barrier in waste characterization grid COMP F (Q1 2022).
- MC will excavate in waste characterization grid COMP K for stormwater utilities and for a retaining wall along the eastern side of the site (Q3 2022).
- MC and/or the selected landscaping contractor will regrade waste characterization grid COMP J North (courtyard), install demarcation barriers in waste characterization grids COMP J North and COMP J South, and backfill with at least 2 feet of clean cover (Q3 2022).

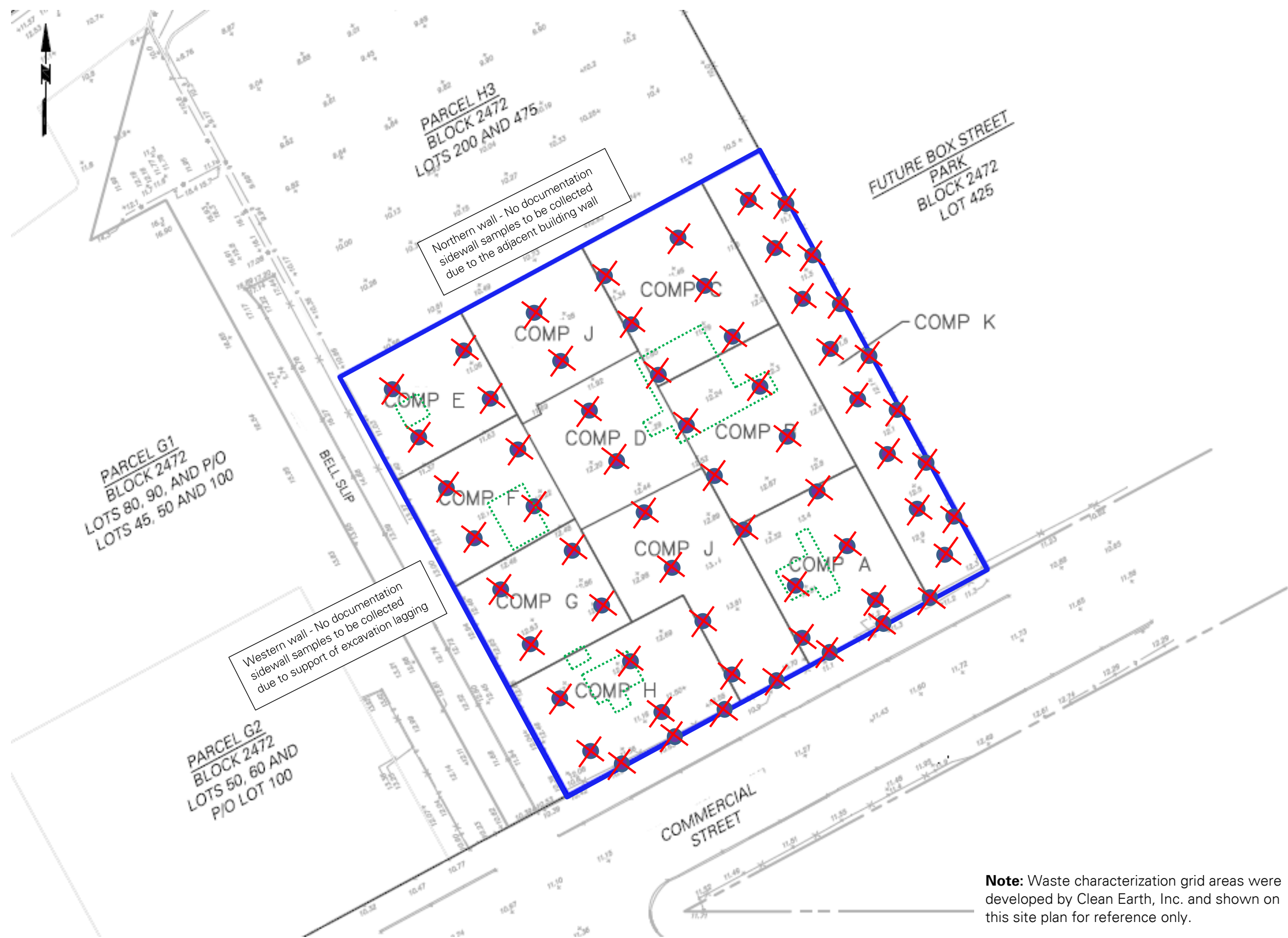
SITE PLAN









-  Site Boundary
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-  Approximate Area of Regrading
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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:

View of STNY loading a truck with soil for off-site disposal to the CEC facility (facing west).



Photo 2:

View of waste characterization grid COMP J South (facing south).



Photo 3:
View of waste
characterization grid COMP
J South (facing nothwest).



Photo 4:
View of waste
characterization grid COMP
J North (facing notheast).



Curley, Ruth E (DEC)

From: Tyler Goodnough <tgoodnough@langan.com>
Sent: Thursday, December 16, 2021 1:31 PM
To: Curley, Ruth E (DEC)
Cc: Woo Kim; Greg Wyka; Yaskira Mota diaz; O'Neil, Eamonn M (HEALTH)
Subject: 45 Commercial Street (C224304) - Remedial Action - Daily Field Reports - 12/14
Attachments: 2021-12-14 - 45 Commercial Street - C224304 - Daily Field Report_108.pdf; C224304 - 2021-12-14.pdf

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hi Ruth,

Attached is the daily field report and CAMP summary sheet for the remedial action at 45 Commercial Street (C224304) for 12/14.

We've been told by the general contractor that RAWP associated activities and ground intrusive work are now on hold until after the superstructure contractor demobilizes from the site (currently anticipated in Q3 of 2022). In the short term, concrete will be poured over a small area of exposed vapor barrier in waste characterization grid COMP F (likely within the next 3-4 weeks). Langan will be on-site to observe and will document in a DFR.

Have a great holiday!

Tyler Goodnough
Senior Staff Scientist

LANGAN

Direct: 212.479.5499 x5712
Mobile: 917.922.1697
[File Sharing Link](#)

Phone: 212.479.5400 Fax: 212.479.5444
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, NY 10001-2727
www.langan.com

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