



Final Engineering Report
BCP Site No. C203154
101 East 150th Street, Bronx, NY
File No. 41.0163097.00

APPENDIX F – DAILY, WEEKLY, MONTHLY FIELD REPORTS



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MONTHLY PROGRESS REPORT

INTERIM REMEDIAL MEASURE 101 EAST 150th STREET, BRONX, NY 10451 Block 2354 Lot 1

BCP SITE NO. C203154

PERIOD: December 1, 2024 to December 31, 2024

REPORT DATE: January 9, 2025

GZA File No.: 41.0163097.00



PREPARED FOR:

586 RIVER AVE., LLC
95 Pine Street, 6th Floor
New York, NY 10005

PREPARED BY:

GOLDBERG-ZOINO ASSOCIATES OF NEW YORK P.C.
D/B/A GZA GEOENVIRONMENTAL OF NEW YORK
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MONTHLY PROGRESS REPORT

101 East 150th Street, Bronx, NY 10451
 Brownfield Cleanup Program No. C203154

Monthly Progress Report No. 18
 Period: December 1, 2024 to December 31, 2024

The following report summarizes the activities performed within the period stated above under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street, Bronx, NY located at the NYC Tax Block 2354, Lot 1 (the Site). The 586 River Ave. LLC (Participant) has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC and the New York State Department of Health (NYSDOH) to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

ON-SITE SUMMARY

	COMPANIES/ORGANIZATIONS
QEP:	GZA
CONTRACTORS:	J&A Concrete DeMatteis Organization
SUBCONTRACTORS:	Crown Waterproofing Lyndon/Metro Iron SRM Concrete AWS Plumbing Lippolis Electric Giaquinto Barrett

I. Activities Conducted During Reporting Month

• **SITE WORK SUMMARY**

Construction

- J&A spread gas permeable aggregates (GPA) in the cellar. Continued grading and setting elevation in cellar SOG in Section A and completed installation of the SSDS pipe with AWS plumbing.
- AWS plumbing continued installation of SSDS / SVE risers in Section A.
- J&A poured concrete for floors and curbs.
- Crown installed PREPRUFE 300R Plus waterproofing/vapor barrier along cellar pile caps and BITUTHENE® 4000 against interior foundation walls. Seams and penetrations were sealed with PREPRUFE Tape LT and/or BITUTHENE® Liquid Membrane.
- J&A reuse on site clean fill from construction ramp as backfill against cellar foundation wall after waterproofing.
- Lyndon/Metro continued steel erection for the superstructure, and decking for the upper floors.



A Site Plan showing is provided in **Attachment A**.

Dewatering

- Dewatering is complete.

- **AIR MONITORING SUMMARY**

- CAMP was not implemented during this monitoring period.

- **OFF-SITE DISPOSAL SUMMARY**

- No material was transported offsite during this monitoring period.

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY
This Month	0	0	0	0	0	0	0	0
Previous Disposal	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520

- **IMPORTED MATERIAL SUMMARY**

- No material was imported to the Site during this monitoring period.

Facility Name/ Location (Trucks, Tons)	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates)		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS	
	Trucks	Tons	Trucks	Tons	Trucks	Trucks	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
This Month	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	50	1,296.94	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94
TOTAL	16	413.72	50	1,296.94	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94

- **Samples Collected This Monitoring Period**

- None
- A Figure showing existing Monitoring Well Locations is provided in **Attachment A**.

- **Deliverables Submitted During This Monitoring Period**

- December 6, 2024 – SVE Pilot Results Letter Report (included with the RAWP)
- December 9, 2024 – Remedial Action Work Plan
- December 12, 2024 – Monthly Progress Report
- December 27, 2024 – RAWP Fact Sheet

- **Meetings and Correspondence**

- None



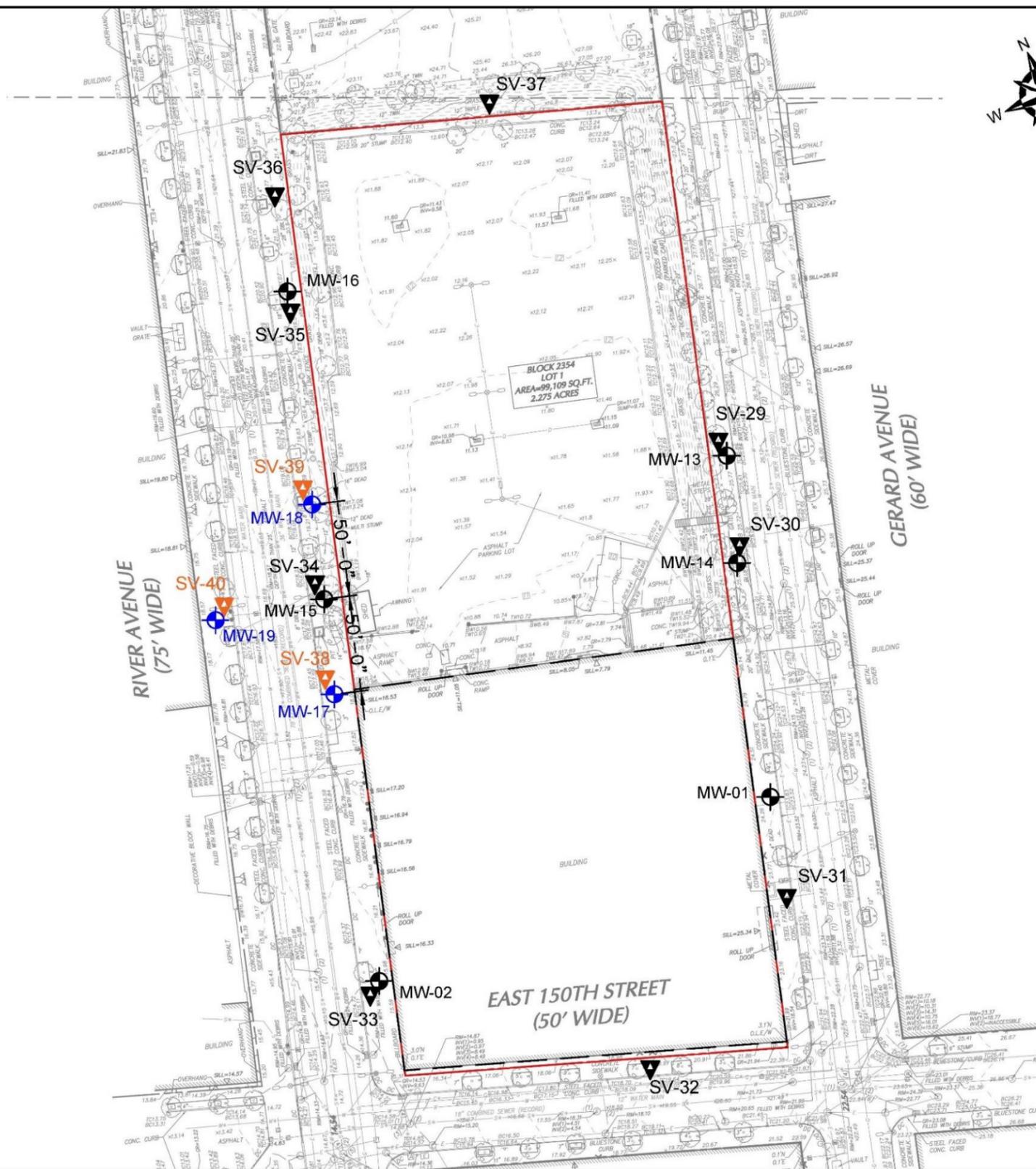
II. Anticipated Activities-Monitoring Period of January 1, 2025 through January 31, 2025

- Spread GPA in the cellar and level out subgrade. Rebar installation for cellar slab on grade.
- Install SVE risers and SSDS monitoring points.
- Continue steel erection for the superstructure.
- Install rebar and formwork and pour concrete for floors and walls.
- Install vapor barrier / waterproofing membrane on sub-base and foundation walls at the southern cellar.
- Install building interior framing.

See **Attachment B** for the Two-Week Look Ahead schedule.



ATTACHMENT A
SITE PLAN

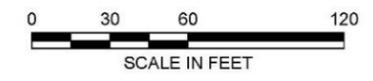


GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "TOPOGRAPHIC BOUNDARY AND UTILITY SURVEY - SOUTH BRONX DEVELOPMENT", PREPARED BY "LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C.", ORIGINAL SCALE 1"=30', DATED 06-20-2020.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF SITE FEATURES AND EXPLORATION LOCATIONS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LIMITS OF PREVIOUSLY DEMOLISHED BUILDING
- PROPOSED GROUNDWATER DELINEATION MONITORING WELL LOCATION
- ▲ PROPOSED SOIL VAPOR DELINEATION SAMPLE LOCATION
- EXISTING OFF-SITE GROUNDWATER MONITORING WELL LOCATION
- ▲ PREVIOUSLY COLLECTED OFF-SITE REMEDIAL INVESTIGATION SOIL VAPOR SAMPLE LOCATION



NO.	ISSUE/DESCRIPTION	BY	DATE
<p>UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REPRODUCED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.</p>			
<p>101 EAST 150TH STREET BRONX, NEW YORK, 10451</p>			
<p>PROPOSED SAMPLE LOCATIONS</p>			
<p>PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com</p>		<p>PREPARED FOR: 586 RIVER AVE., LLC</p>	
<p>PROJ MGR: RPM DESIGNED BY: RPM DATE: JANUARY 2024</p>	<p>REVIEWED BY: RPM DRAWN BY: JHB PROJECT NO.: 41.0163097.00</p>	<p>CHECKED BY: SMK SCALE: 1"=60' REVISION NO.: -</p>	<p>FIGURE 4 SHEET NO.</p>



ATTACHMENT B
PROJECT SCHEDULE



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MONTHLY PROGRESS REPORT

INTERIM REMEDIAL MEASURE 101 EAST 150th STREET, BRONX, NY 10451 Block 2354 Lot 1

BCP SITE NO. C203154

PERIOD: January 1, 2025 to January 31, 2025

REPORT DATE: February 10, 2025

GZA File No.: 41.0163097.00



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MONTHLY PROGRESS REPORT

101 East 150th Street, Bronx, NY 10451
 Brownfield Cleanup Program No. C203154

Monthly Progress Report No. 19
 Period: January 1, 2025 to January 31, 2025

The following report summarizes the activities performed within the period stated above under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street, Bronx, NY located at the NYC Tax Block 2354, Lot 1 (the Site). The 586 River Ave. LLC (Participant) has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC and the New York State Department of Health (NYSDOH) to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

ON-SITE SUMMARY

	COMPANIES/ORGANIZATIONS
QEP:	GZA
CONTRACTORS:	J&A Concrete
	DeMatteis Organization
SUBCONTRACTORS:	
	Crown Waterproofing
	Lyndon/Metro Iron
	SRM Concrete
	AWS Plumbing
	Lippolis Electric
	Giaquinto
	Barrett

I. Activities Conducted During Reporting Month

• **SITE WORK SUMMARY**

Construction

- AWS plumbing continued SSDS and SVE pipes installation, and hangers and piping at 6th Floor.
- J&A poured reinstalled rebar for concrete for cellar floors after vapor barrier installation.
- Crown installed PREPRUFE 300R Plus waterproofing/vapor barrier along cellar pile caps and BITUTHENE® 4000 against interior foundation walls. Seams and penetrations were sealed with PREPRUFE Tape LT and/or BITUTHENE® Liquid Membrane.
- Lyndon/Metro continued steel erection for the superstructure and decking for the upper floors.

A Site Plan showing is provided in **Attachment A**.



Dewatering

- Dewatering is complete.

- **AIR MONITORING SUMMARY**

- CAMP was not implemented during this monitoring period.

- **OFF-SITE DISPOSAL SUMMARY**

- No material was transported offsite during this monitoring period.

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY
This Month	0	0	0	0	0	0	0	0
Previous Disposal	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520

- **IMPORTED MATERIAL SUMMARY**

- No material was imported to the Site during this monitoring period.

Facility Name/ Location (Trucks, Tons)	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates)		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [¾"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS	
	Trucks	Tons	Trucks	Tons	Trucks	Trucks	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
This Month	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	50	1,296.94	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94
TOTAL	16	413.72	50	1,296.94	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94

- **Samples Collected This Monitoring Period**

- None

- **Deliverables Submitted During This Monitoring Period**

- January 10, 2025 – Monthly Progress Report

- **Meetings and Correspondence**

- None



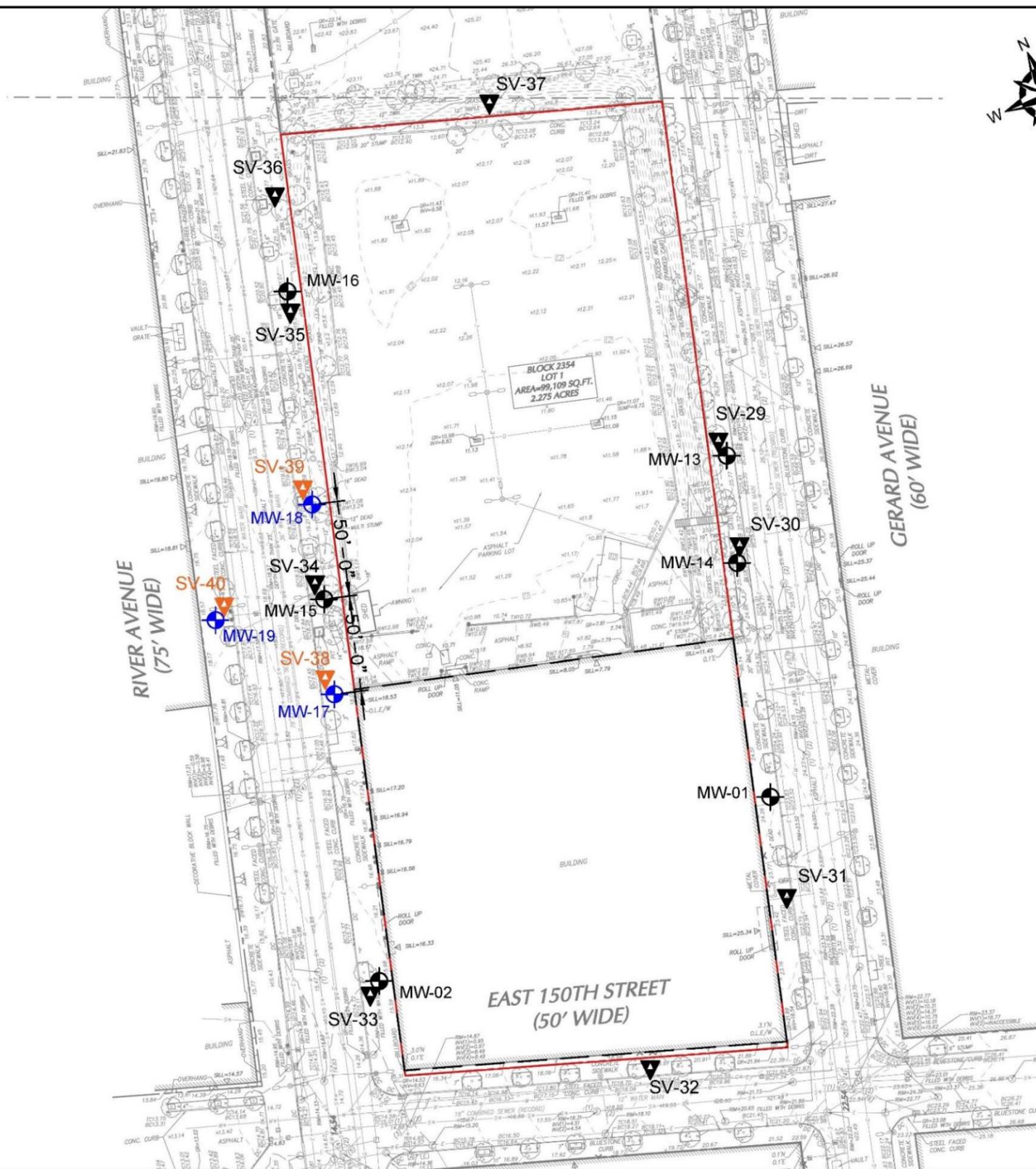
II. Anticipated Activities-Monitoring Period of February 1, 2025 through February 28, 2025

- Pressure testing of SVE / SSDS pipes.
- Quarterly groundwater sampling.
- Continue steel erection for the superstructure.
- Install rebar and formwork and pour concrete for floors and walls.
- Install vapor barrier / waterproofing membrane on sub-base and foundation walls at the southern cellar.
- Install building interior framing.

See **Attachment B** for the Two-Week Look Ahead schedule.



ATTACHMENT A
SITE PLAN



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "TOPOGRAPHIC BOUNDARY AND UTILITY SURVEY - SOUTH BRONX DEVELOPMENT", PREPARED BY "LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C.", ORIGINAL SCALE 1"=30', DATED 06-20-2020.
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LEGEND

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ATTACHMENT B
PROJECT SCHEDULE



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MONTHLY PROGRESS REPORT

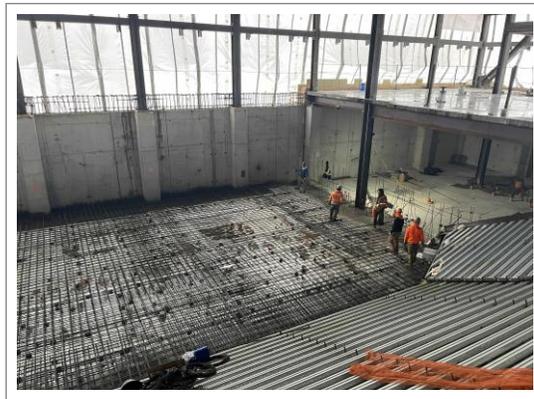
INTERIM REMEDIAL MEASURE 101 EAST 150th STREET, BRONX, NY 10451 Block 2354 Lot 1

BCP SITE NO. C203154

PERIOD: February 1, 2025 to February 28, 2025

REPORT DATE: March 10, 2025

GZA File No.: 41.0163097.00



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MONTHLY PROGRESS REPORT

101 East 150th Street, Bronx, NY 10451
 Brownfield Cleanup Program No. C203154

Monthly Progress Report No. 20
 Period: February 1, 2025 to February 28, 2025

The following report summarizes the activities performed within the period stated above under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street, Bronx, NY located at the NYC Tax Block 2354, Lot 1 (the Site). The 586 River Ave. LLC (Participant) has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC and the New York State Department of Health (NYSDOH) to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

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	DeMatteis Organization	
SUBCONTRACTORS:		
	Crown Waterproofing	Stasi Brothers
	Lyndon/Metro Iron	Above All Windows
	Barrett	Excel
	AWS Plumbing	EcoTherm
	Lippolis Electric	Donaldson
	Giaquinto	North Shore
	FMB	J&A

I. Activities Conducted During Reporting Month

• **SITE WORK SUMMARY**

Construction

- AWS plumbing continued SSDS and SVE pipes installation, and hangers and piping at upper floors.
- AWS plumbing performed a pressure test of the SSDS riser pipes witnessed by GZA.
- J&A poured reinstalled rebar for concrete on cellar floors (auditorium) up to 3rd floor.
- Crown applied BITUTHENE® 4000 on blindside of subgrade cellar walls.
- Lyndon/Metro finished steel superstructure and demobilized form the Site.
- Above all installed windows along east walls.

A Site Plan showing is provided in **Attachment A**.



Dewatering

- Dewatering is complete.

• **AIR MONITORING SUMMARY**

- CAMP was not implemented during this monitoring period.

• **OFF-SITE DISPOSAL SUMMARY**

- No material was transported offsite during this monitoring period.

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This Month	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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TOTAL	16	413.72	50	1,296.94	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94

• **Samples Collected This Monitoring Period**

- February 26 and 27, 2025 - Quarterly groundwater sampling (MW-02, MW-14, MW-15, MW-16, MW-17, and MW-18).

• **Deliverables Submitted During This Monitoring Period**

- February 10, 2025 – Monthly Progress Report
- February 12, 2025 – RAWP Fact Sheets

• **Meetings and Correspondence**

- February 10, 2025 – received comments on the Draft RIR from NYSDOH and NYSDEC.
- February 19, 2025 – received comments on the Draft RAWP from NYSDOH and NYSDEC.



II. Anticipated Activities-Monitoring Period of March 1, 2025 through March 31, 2025

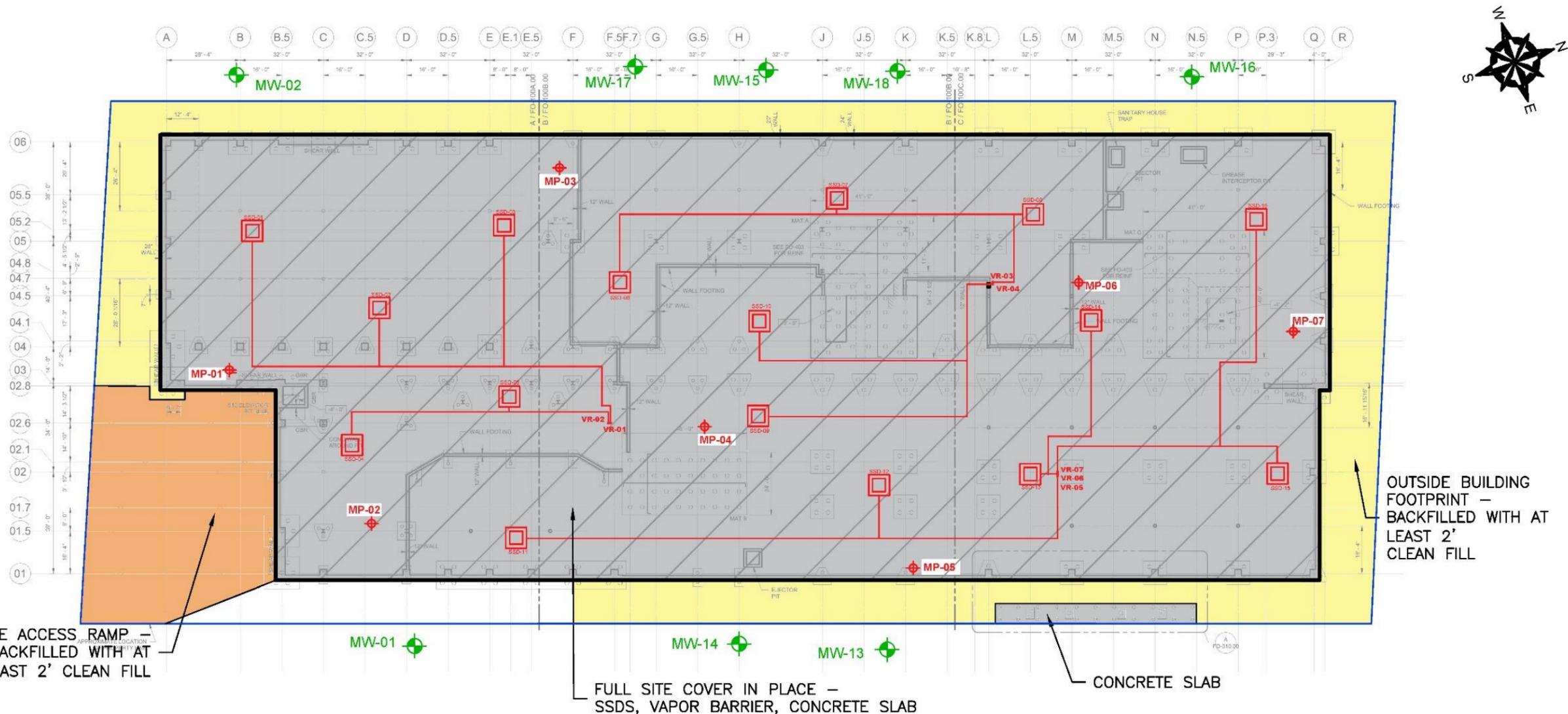
- Quarterly groundwater sampling report.
- Final RIR.
- Install building interior framing.
- Continue with interior partitions and plumbing.
- Continue with window installation.

See **Attachment B** for the Two-Week Look Ahead schedule.



ATTACHMENT A
SITE PLAN

©2025 - GZA GeoEnvironmental of NY, GZA-J:\Active 163000 to 163099\163097.00 SA 101 East 150th - BCP Remediation\Drawings\GZA_CAD\2025.03.10 MPR figure_S6.dwg [FIG 2 - 17x11] March 10, 2025 - 3:38pm Sella.Gupta



SITE ACCESS RAMP
BACKFILLED WITH AT
LEAST 2' CLEAN FILL

OUTSIDE BUILDING
FOOTPRINT -
BACKFILLED WITH AT
LEAST 2'
CLEAN FILL

FULL SITE COVER IN PLACE -
SSDS, VAPOR BARRIER, CONCRETE SLAB

CONCRETE SLAB

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 46-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SITE ACCESS RAMP - BACKFILLED WITH AT LEAST 2' CLEAN FILL
- CONCRETE COVER

- ⊕ MW-01 APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- ⊕ MP-01 APPROXIMATE SSDS MONITORING POINT LOCATION



NO.	REVISION/DESCRIPTION	BY	DATE
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SITE PLAN			
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PROJ MGR: RM DESIGNED BY: JB DATE: MARCH, 2025	REVIEWED BY: RM DRAWN BY: SG PROJECT NO.: 41.0163097.00	CHECKED BY: SK SCALE: 1"=40' REVISION NO.: -	FIGURE <div style="font-size: 2em; text-align: center;">1</div> SHEET NO. 1 of 1



ATTACHMENT B
PROJECT SCHEDULE



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MONTHLY PROGRESS REPORT

INTERIM REMEDIAL MEASURE

101 EAST 150th STREET, BRONX, NY 10451

Block 2354 Lot 1

BCP SITE NO. C203154

PERIOD: March 1, 2025 to March 31, 2025

REPORT DATE: April 10, 2025

GZA File No.: 41.0163097.00

PREPARED FOR:

586 RIVER AVE., LLC
95 Pine Street, 6th Floor
New York, NY 10005

PREPARED BY:

GOLDBERG-ZOINO ASSOCIATES OF NEW YORK P.C.
D/B/A GZA GEOENVIRONMENTAL OF NEW YORK
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(212)594 - 8140

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MONTHLY PROGRESS REPORT

101 East 150th Street, Bronx, NY 10451
 Brownfield Cleanup Program No. C203154

Monthly Progress Report No. 21
 Period: March 1, 2025 to March 31, 2025

The following report summarizes the activities performed within the period stated above under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street, Bronx, NY located at the NYC Tax Block 2354, Lot 1 (the Site). The 586 River Ave. LLC (Participant) has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC and the New York State Department of Health (NYSDOH) to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

ON-SITE SUMMARY

	COMPANIES/ORGANIZATIONS	
QEP:	GZA	
CONTRACTORS:	J&A Concrete	
	DeMatteis Organization	
SUBCONTRACTORS:		
	Crown Waterproofing	Stasi Brothers
	Lyndon/Metro Iron	Above All Windows
	Barrett	Excel
	AWS Plumbing	EcoTherm
	Lippolis Electric	Donaldson
	Giaquinto	North Shore
	FMB	J&A

I. Activities Conducted During Reporting Month

• **SITE WORK SUMMARY**

Construction

- J&A poured the auditorium wing wall part 1, and cellar, install rebar and pour stops on wing walls of auditorium sloped slab
- AWS plumbing continued SSDS and SVE pipes installation, and hangers and piping at upper floors.
- Donaldson continued installation of exterior framings.
- Windows contractor Above All installed of exterior windows.

A Site Plan showing is provided in **Attachment A**.



Dewatering

- Dewatering is complete.

● **AIR MONITORING SUMMARY**

- CAMP was not implemented during this monitoring period.

● **OFF-SITE DISPOSAL SUMMARY**

- No material was transported offsite during this monitoring period.

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY
This Month	0	0	0	0	0	0	0	0
Previous Disposal	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520

● **IMPORTED MATERIAL SUMMARY**

- No material was imported to the Site during this monitoring period.

Facility Name/ Location (Trucks, Tons)	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates)		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [¾"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS	
	Trucks	Tons	Trucks	Tons	Trucks	Trucks	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
This Month	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	50	1,296.94	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94
TOTAL	16	413.72	50	1,296.94	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94

● **Samples Collected This Monitoring Period**

- None

● **Deliverables Submitted During This Monitoring Period**

- March 10, 2025 – Monthly Progress Report
- March 27, 2025 – Submitted Final RIR

● **Meetings and Correspondence**

- None.



II. Anticipated Activities-Monitoring Period of April 1, 2025 through April 30, 2025

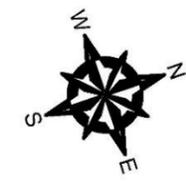
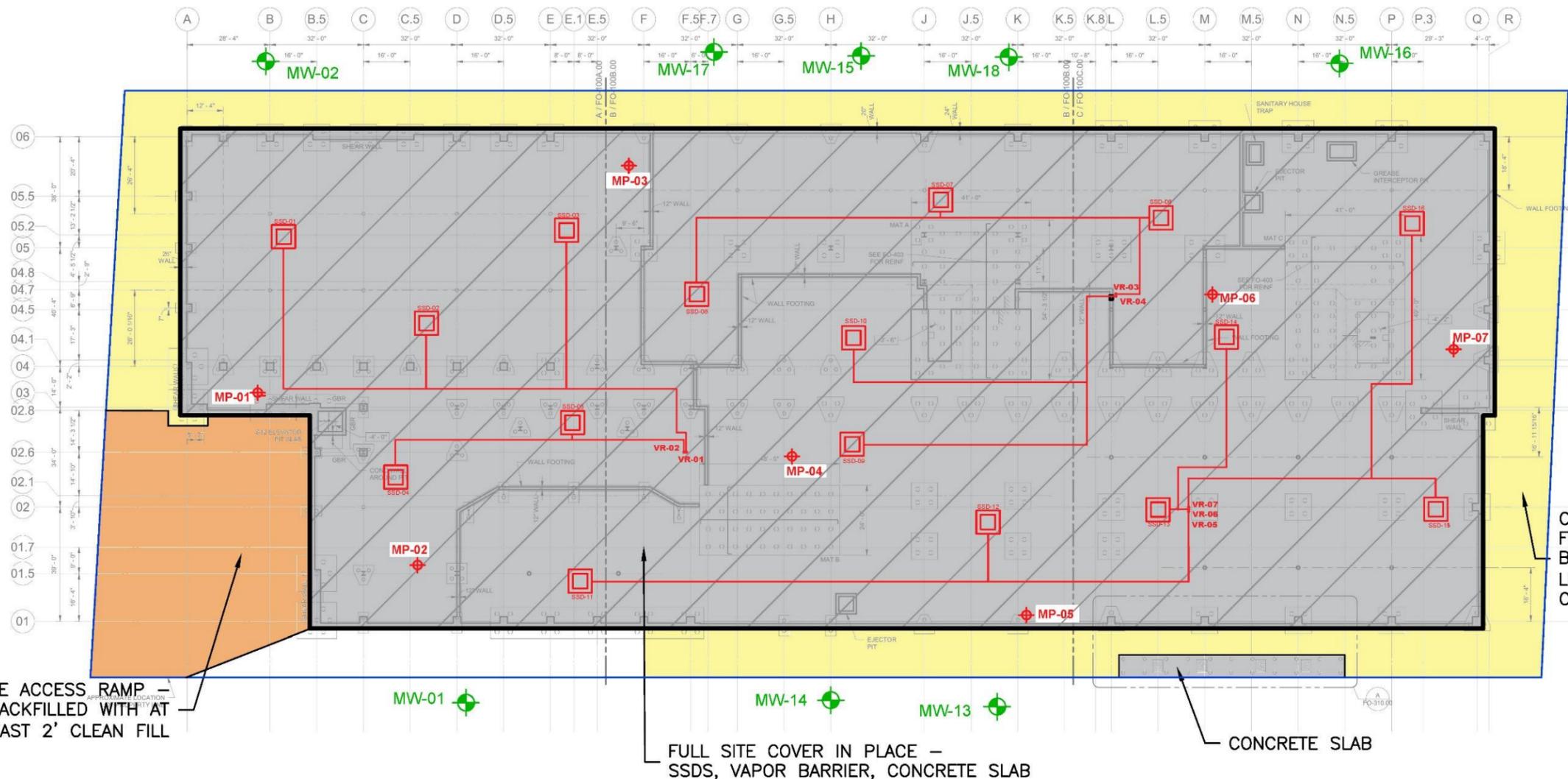
- Quarterly groundwater sampling report.
- Final RAWP.
- Continue with interior partitions and plumbing.
- Continue with window installation.

See **Attachment B** for the Two-Week Look Ahead schedule.



ATTACHMENT A
SITE PLAN

©2025 - GZA GeoEnvironmental of NY
 GZA-J:\Active 163000 to 163099\163097.00 SA 101 East 150th - BCP Remediation\Drawings\GZA\CAD\2025.03.10 MPR figure_S6.dwg [FIG 2 - 17x11] March 10, 2025 - 3:38pm Selia.Gupta



OUTSIDE BUILDING FOOTPRINT - BACKFILLED WITH AT LEAST 2' CLEAN FILL

SITE ACCESS RAMP - BACKFILLED WITH AT LEAST 2' CLEAN FILL

FULL SITE COVER IN PLACE - SSDS, VAPOR BARRIER, CONCRETE SLAB

CONCRETE SLAB

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 46-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SITE ACCESS RAMP - BACKFILLED WITH AT LEAST 2' CLEAN FILL
- CONCRETE COVER

- ⊕ MW-01 APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- ⊕ MP-01 APPROXIMATE SSDS MONITORING POINT LOCATION



NO.	REVISION/DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ. MGR: RM DESIGNED BY: JB DATE: MARCH, 2025	REVIEWED BY: RM DRAWN BY: SG PROJECT NO. 41.0163097.00	CHECKED BY: SK SCALE: 1"=40' REVISION NO. -	FIGURE <div style="font-size: 24px; font-weight: bold; text-align: center;">1</div> SHEET NO. 1 of 1



ATTACHMENT B
PROJECT SCHEDULE



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MONTHLY PROGRESS REPORT

INTERIM REMEDIAL MEASURE 101 EAST 150th STREET, BRONX, NY 10451 Block 2354 Lot 1

BCP SITE NO. C203154

PERIOD: April 1, 2025 to April 30, 2025

REPORT DATE: May 9, 2025

GZA File No.: 41.0163097.00

PREPARED FOR:

586 RIVER AVE., LLC
95 Pine Street, 6th Floor
New York, NY 10005

PREPARED BY:

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MONTHLY PROGRESS REPORT

101 East 150th Street, Bronx, NY 10451
 Brownfield Cleanup Program No. C203154

Monthly Progress Report No. 22
 Period: April 1, 2025 to April 30, 2025

The following report summarizes the activities performed within the period stated above under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street, Bronx, NY located at the NYC Tax Block 2354, Lot 1 (the Site). The 586 River Ave. LLC (Participant) has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC and the New York State Department of Health (NYSDOH) to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

ON-SITE SUMMARY

	COMPANIES/ORGANIZATIONS	
QEP:	GZA	
CONTRACTORS:	J&A Concrete	
	DeMatteis Organization	
SUBCONTRACTORS:		
	Crown Waterproofing	Stasi Brothers
	Lyndon/Metro Iron	Above All Windows
	Barrett	Excel
	AWS Plumbing	EcoTherm
	Lippolis Electric	Donaldson
	Giaquinto	North Shore
	FMB	J&A

I. Activities Conducted During Reporting Month

• **SITE WORK SUMMARY**

Construction

- Mainly interior work. AWS plumbing installation of detention tank system and head testing
- Donaldson continued installation of exterior framings.
- Windows contractor Above All installed of exterior windows.

A Site Plan showing is provided in **Attachment A**.



Dewatering

- Dewatering is complete.

- **AIR MONITORING SUMMARY**

- CAMP was not implemented during this monitoring period.

- **OFF-SITE DISPOSAL SUMMARY**

- No material was transported offsite during this monitoring period.

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY
This Month	0	0	0	0	0	0	0	0
Previous Disposal	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520

- **IMPORTED MATERIAL SUMMARY**

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Facility Name/ Location (Trucks, Tons)	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates)		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [¾"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS	
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TOTAL	16	413.72	50	1,296.94	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94

- **Samples Collected This Monitoring Period**

- None

- **Deliverables Submitted During This Monitoring Period**

- April 10, 2025 – Monthly Progress Report
- April 23, 2025 – Submitted Revised Remedial Investigation Report (RIR)
- April 28, 2025 – Submitted Revised Remedial Action Work Plan (RAWP)

- **Meetings and Correspondence**

- April 18, 2025 - Information Confirmation and Environmental Easement Letter
- April 25, 2025 - BCP COC Site Information Confirmation
- April 25, 2025 – Email regarding Environmental Easement Requirements



II. Anticipated Activities-Monitoring Period of May 1, 2025 through May 31, 2025

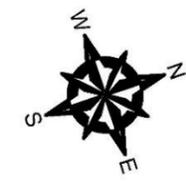
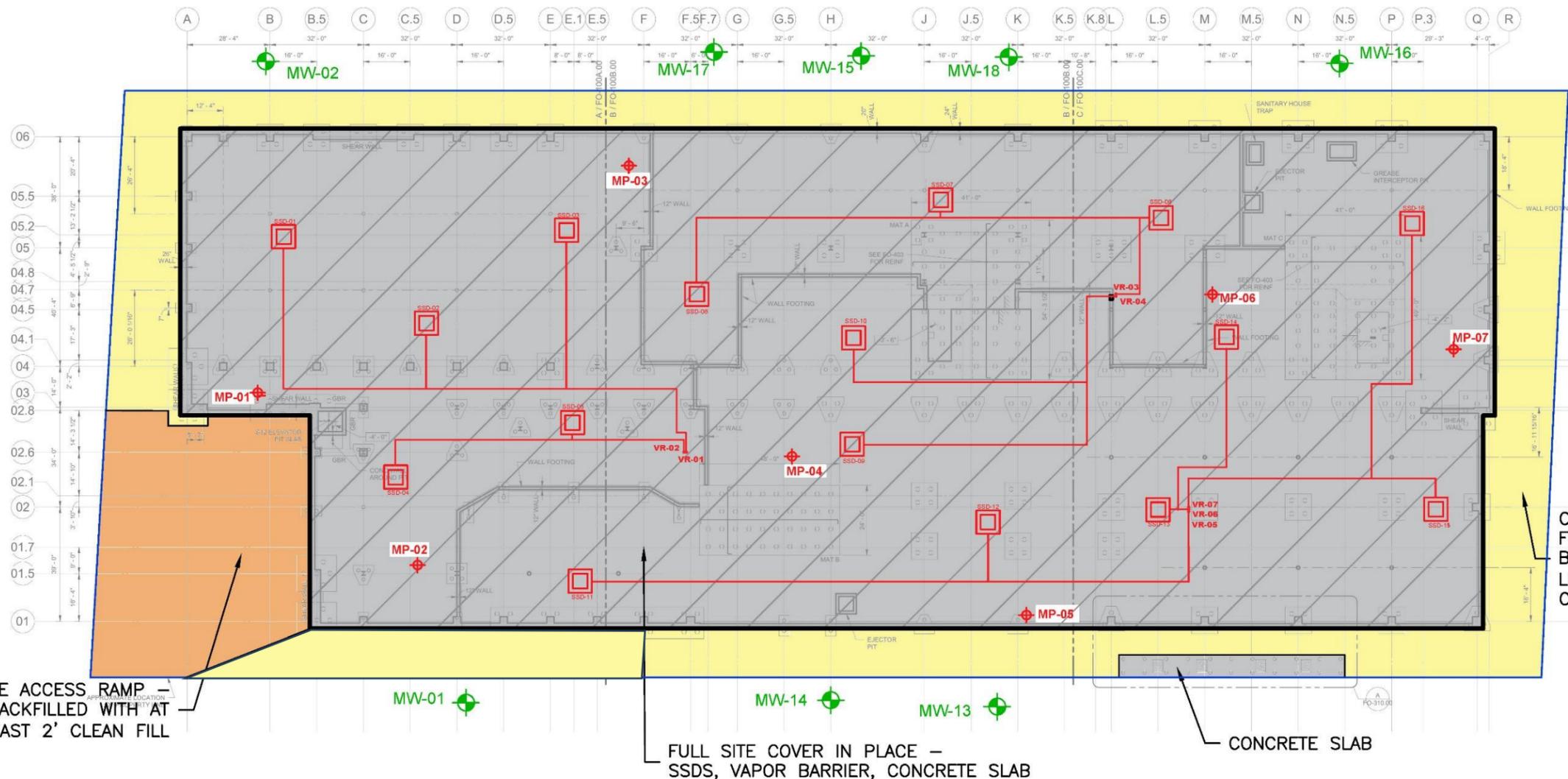
- Quarterly groundwater sampling report.
- Submission of Environmental Easement Package
- Continue with interior partitions and plumbing.
- Installation of Detention Tank System, and backfilling.
- Continue with window installation.

See **Attachment B** for the Two-Week Look Ahead schedule.



ATTACHMENT A
SITE PLAN

©2025 - GZA GeoEnvironmental of NY
 GZA-J:\Active 163000 to 163099\163097.00 SA 101 East 150th - BCP Remediation\Drawings\GZA\CAD\2025.03.10 MPR figure_S6.dwg [FIG 2 - 17x11] March 10, 2025 - 3:38pm Selia.Gupta



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GENERAL NOTES

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LEGEND

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NO.	REVISION/DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ. MGR: RM DESIGNED BY: JB DATE: MARCH, 2025	REVIEWED BY: RM DRAWN BY: SG PROJECT NO. 41.0163097.00	CHECKED BY: SK SCALE: 1"=40' REVISION NO. -	FIGURE <div style="font-size: 24px; font-weight: bold; text-align: center;">1</div> SHEET NO. 1 of 1



ATTACHMENT B
PROJECT SCHEDULE

2-Week Look Ahead

Contractor	Description	5-May	6-May	7-May	8-May	9-May	10-May	11-May	12-May	13-May	14-May	15-May	16-May	17-May	18-May	COMMENTS
		M	T	W	Th	F	Sat	Sun	M	T	W	Th	F	Sat	Sun	
DeMatteis	Jobsite safety compliance and supervision Cleaning debris and rubbish from jobsite perimeter Maintaining debris piles in the building and loading debris into mini containers Preparing the jobsite for the Success Academy Scholar Tour															
J&A	Stripping forms around 1st fl. curbs and slab pours Cleaning material and equipment off of jobsite Grinding, patching, and cleaning concrete on 5th fl. and 3rd fl. roofs Backfilling the detention system Forming and pouring stair C															
Crown Waterproofing	AVB on South exterior elevations from 2nd fl. and 3rd fl. roof scaffolds															
Lippolis	C section electrical closet panel installation, installing breakers, terminating circuitry B section electrical closet risers, panel installation, bringing loops into closets 1st A/2nd A/Cellar A in wall electrical rough in 1st C and B fire alarm wiring pulls Cellar C and B fire alarm pulls Spine low voltage infrastructure and lighting pulls 5th and 6th C and B 1st C and B wiring mechanical units Cellar C and B wiring mechanical units Mechanical crane picks Friday night shift 7th roof power feeds/disconnect arrays for equipment, moving to 6 after completion															
North Shore (Steam)	7th and 6th roof piping condensing units Mechanical crane picks Thursday day shift, Friday night shift Cellar C and B pulling linesets, terminating at FCU and branch boxes Addressing ventrop report for shields, addressing FST punchlist															
North Shore (Duct)	Cellar A duct install Auditorium duct install 6th roof duct and fan install Connections to RTUs following crane picks Addressing ventrop report for hangers, addressing FST punchlist															
Millbrook	Cellar A mains and branches Flex installation 5th and 6th C and B Sprinkler and standpipe testing ongoing															
AWS Plumbing	5th and 6th WC cast and copper rough in Detention tank storm piping and head testing to follow Cellar A storm piping installation Irrigation piping feeds in cellar Kitchen return copper lines Awaiting DOB inspection															
Lyndon/Metro	Punchlist and demobilization															
Donaldson	Layout, framing, door frame installation in cellar and 1st fl. section B to A Elevator D shaft wall construction and surrounding wall tie ins West elevation insulation and drywall on exterior walls of 6th to 4th fl. Sheetrock installation on 5th and 6th fl. section B Installing ACT 7 on 4th and 5th fl. 5th to 6th fl. taping and bead installation Taping stairwells B and C with 2nd coats															
Cooper (NSCC Controls)	Cellar C/B/A pulling control wiring, terminating at mech units 2nd - 6th															
EcoTherm(AWS Insulator)	Insulating tested copper and overhead storm piping throughout															
Excell (NSCC Insulator)	Insulating tested linesets on 6th C and B, heading to 1st floor after completion															
Giaquinto	East elevation along 1.7 line brick from 2nd to roof on south half, roof copings on north side Brick installation on South elevations from 2nd and 3rd fl. roof scaffold, 3rd to roof levels Coping stones above 5th fl. MS terrace Removing scaffold from the 5th fl. MS terrace Washing down the 6 line elevation, breaking down mast climber and removing from site															
Above All Windows	3rd to 2nd fl. West elevation window installation Caulking windows on 4th, 3rd and Stair D Installing windows on the pre-cast openings															
Island SOFP	Installing protection on the 6th fl. central spine, spraying K13 on decking Patching SOFP in section B and a per AEL punch list Installing protection on the 5th fl. central spine, spraying K13 on decking															
BK Tile	Kitchen support rooms mud, quarry and wall tile 2nd fl. bathrooms section C and B floor and wall tile 4th fl. cafeteria wall tile															
UTI	Running composite wire on 4th floor Splitting wiring at door frames on 3rd and 4th floors															
Austin	3rd floor telecom wire pulls															
Schindler	Installing elevator C brackets and rails															
Kings County	North elevation R line, West elevation R to N exterior caulking Caulking coping stones and window sills as needed															
Con-Ed	Delivery of transformers Vault work															
Spring Scaffold	Drop test on Hoists Removing the 2nd fl. elevator D platform															
John Mini	Curb support installation on ES terrace Curb support installation on MS terrace															
Bancker	Con ed vault connection to street Detention tank installation Drainage installation															
Stasi Brothers	Stripping forms around planter curbs Layout and dowel installation on the 2nd fl. HS terrace															
FMB	Installing fence posts and horizontals on ES terrace Installing window angles on pre-cast openings Drilling and tapping soccer steel, ladder clips on Stair C bulkhead															
Barrett	Installing pavers on 6th and 7th fl. Installing permanent roof on the 5th fl. MS terrace south side Installing permanent roof on the 5th fl. ES terrace after curb support installs															
Inspections	Concrete Monitoring & Testing (AEL, LERA, MRCE) Mechanical inspections for fuel oil, ductwork, and HVAC piping, sprinkler/standpipe Compaction testing & Backfilling Monitoring (AEL, GZA) Rebar Inspections (LERA) Exterior brick façade and AVB inspection Masonry mortar sampling Energy Code Compliance inspection Fireproofing inspection Firestopping Fire rated construction Insulation Cold form steel façade inspection EOR MEPS															

Site Closed for SA Walkthrough



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MONTHLY PROGRESS REPORT

101 EAST 150th STREET, BRONX, NY 10451
Block 2354 Lot 1

BCP SITE NO. C203154

PERIOD: May 1, 2025 to May 31, 2025

REPORT DATE: June 9, 2025

GZA File No.: 41.0163097.00

PREPARED FOR:

586 RIVER AVE., LLC
95 Pine Street, 6th Floor
New York, NY 10005

PREPARED BY:

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MONTHLY PROGRESS REPORT

101 East 150th Street, Bronx, NY 10451
 Brownfield Cleanup Program No. C203154

Monthly Progress Report No. 23
 Period: May 1, 2025 to May 31, 2025

The following report summarizes the activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street, Bronx, NY located at the NYC Tax Block 2354, Lot 1 (the Site). The 586 River Ave. LLC (Participant) has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC and the New York State Department of Health (NYSDOH) to protect public health and the environment during construction and is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

ON-SITE SUMMARY

	COMPANIES/ORGANIZATIONS	
QEP:	GZA	
CONTRACTORS:	J&A Concrete	
	DeMatteis Organization	
SUBCONTRACTORS:		
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	Lyndon/Metro Iron	Above All Windows
	Barrett	Excel
	AWS Plumbing	EcoTherm
	Lippolis Electric	Donaldson
	Giaquinto	North Shore
	FMB	Millbrook
	Cooper	BK Tile
	Austin	Schindler
	ConEdison	Bancker

I. Activities Conducted During Reporting Month

• **SITE WORK SUMMARY**

Construction

- J&A perform mainly interior work such as stripping forms around 1st floor curb and slab.
- AWS plumbing continue with storm piping installation.
- Donaldson continued installation of exterior framings and interior drywalls.
- Windows contractor Above All installed of exterior windows 3rd, 4th, and 5th floors.

A Site Plan showing is provided in **Attachment A**.



- **DEWATERING**
 - Dewatering is complete.
- **AIR MONITORING SUMMARY**
 - CAMP was implemented during the May 22, groundwater sampling, a daily field report was submitted to NYSDEC/NYSDOH. No exceedances were noted.
- **OFF-SITE DISPOSAL SUMMARY**
 - No material was transported offsite during this monitoring period.

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY
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- **IMPORTED MATERIAL SUMMARY**
 - No material was imported to the Site during this monitoring period.

Facility Name/ Location (Trucks, Tons)	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates)		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [¾"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS	
	Trucks	Tons	Trucks	Tons	Trucks	Trucks	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
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TOTAL	16	413.72	50	1,296.94	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94

- **Samples Collected This Monitoring Period**
 - May 22, 2025 - Quarterly Groundwater Sampling MW-14, MW-15, MW-16, and MW-17. Construction activities made MW-2, and MW-18 inaccessible for sampling.
- **Deliverables Submitted During This Monitoring Period**
 - May 9, 2025 – Monthly Progress Report
 - May 21, 2025 – Submitted Revised Remedial Action Work Plan (RAWP)
 - May 27, 2025 – Environmental Easement Package
- **Meetings and Correspondence**
 - May 1, 2025 – BCP Certificate of Completion Process Meeting
 - May 14, 2025 – NYSDEC RIR Approval
 - May 23, 2025 – Daily Field Report for Groundwater Sampling
 - May 28, 2025 – NYSDEC RAWP Approval and Decision Document
 - May 29, 2025 – Email regarding Remedial Action Fact Sheet.



II. Anticipated Activities-Monitoring Period of June 1, 2025 through June 30, 2025

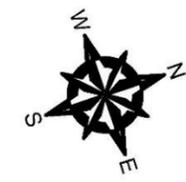
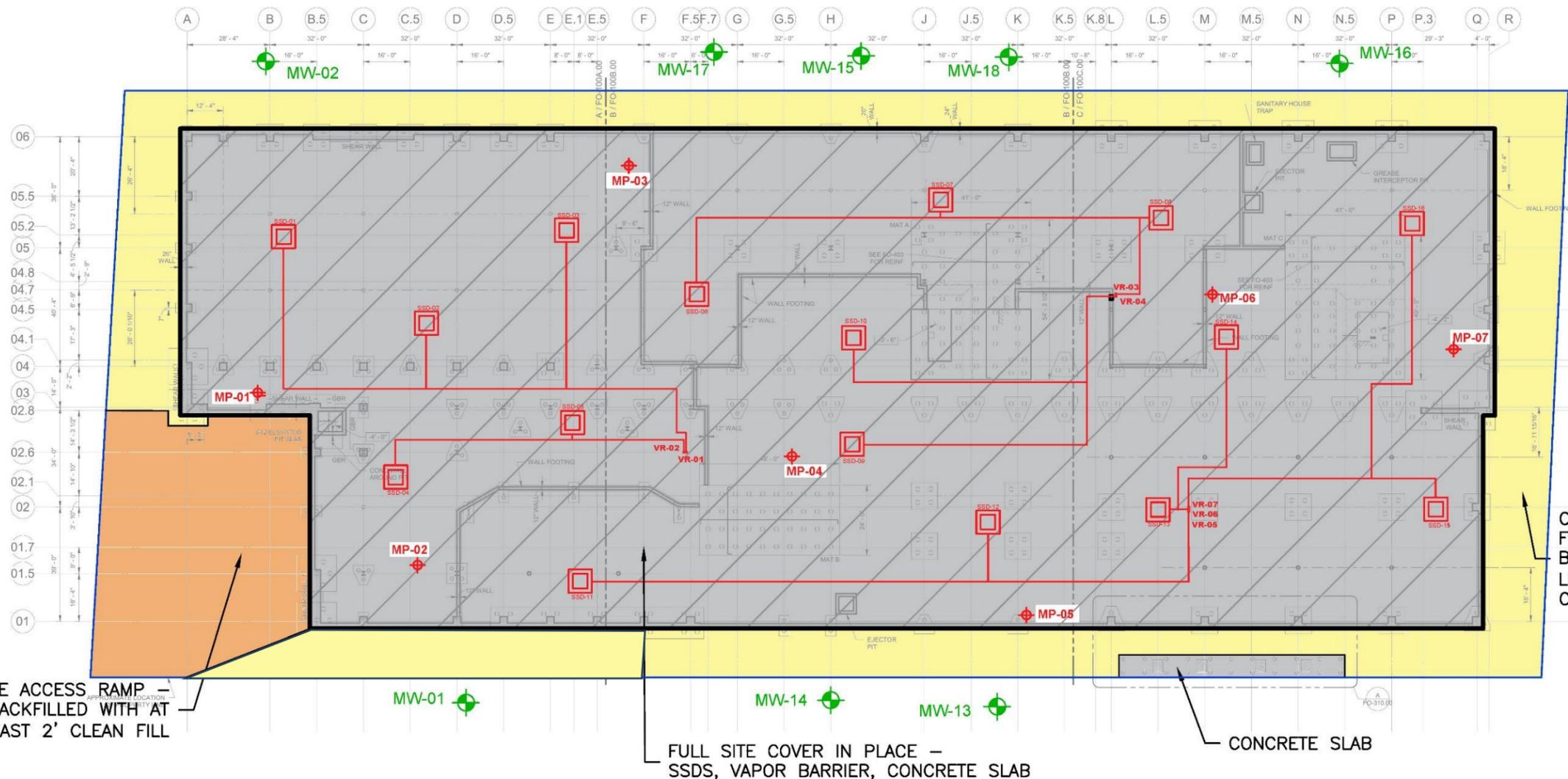
- Quarterly groundwater sampling report.
- Continue with interior partitions and plumbing.
- Reuse of clean fill to backfill around the detention tank.
- Continue with window installation.

See **Attachment B** for the Two-Week Look Ahead schedule.



ATTACHMENT A
SITE PLAN

©2025 - GZA GeoEnvironmental of NY
 GZA-J:\Active 163000 to 163099\163097.00 SA 101 East 150th - BCP Remediation\Drawings\GZA\CAD\2025.03.10 MPR figure_S6.dwg [FIG 2 - 17x11] March 10, 2025 - 3:38pm Selia.Gupta



OUTSIDE BUILDING FOOTPRINT - BACKFILLED WITH AT LEAST 2' CLEAN FILL

SITE ACCESS RAMP - BACKFILLED WITH AT LEAST 2' CLEAN FILL

FULL SITE COVER IN PLACE - SSDS, VAPOR BARRIER, CONCRETE SLAB

CONCRETE SLAB

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 46-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SITE ACCESS RAMP - BACKFILLED WITH AT LEAST 2' CLEAN FILL
- CONCRETE COVER

- ⊕ MW-01 APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- ⊕ MP-01 APPROXIMATE SSDS MONITORING POINT LOCATION



NO.	REVISION/DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ. MGR: RM DESIGNED BY: JB DATE: MARCH, 2025	REVIEWED BY: RM DRAWN BY: SG PROJECT NO. 41.0163097.00	CHECKED BY: SK SCALE: 1"=40' REVISION NO. -	FIGURE <div style="font-size: 24px; font-weight: bold; text-align: center;">1</div> SHEET NO. 1 of 1



ATTACHMENT B
PROJECT SCHEDULE



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www.gza.com

MONTHLY PROGRESS REPORT

101 EAST 150th STREET, BRONX, NY 10451
Block 2354 Lot 1

BCP SITE NO. C203154

PERIOD: June 1, 2025 to June 30, 2025

REPORT DATE: July 10, 2025

GZA File No.: 41.0163097.00

PREPARED FOR:

586 RIVER AVE., LLC
95 Pine Street, 6th Floor
New York, NY 10005

PREPARED BY:

GOLDBERG-ZOINO ASSOCIATES OF NEW YORK P.C.
D/B/A GZA GEOENVIRONMENTAL OF NEW YORK
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(212)594 - 8140

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MONTHLY PROGRESS REPORT

101 East 150th Street, Bronx, NY 10451
 Brownfield Cleanup Program No. C203154

Monthly Progress Report No. 24
 Period: June 1, 2025 to June 30, 2025

The following report summarizes the activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street, Bronx, NY located at the NYC Tax Block 2354, Lot 1 (the Site). The 586 River Ave. LLC (Participant) has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC and the New York State Department of Health (NYSDOH) to protect public health and the environment during construction and is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

ON-SITE SUMMARY

	COMPANIES/ORGANIZATIONS	
QEP:	GZA	
CONTRACTORS:	J&A Concrete (J&A)	
	DeMatteis Organization	
SUBCONTRACTORS:		
	Crown Waterproofing	Stasi Brothers
	Lyndon/Metro Iron	Above All Windows
	Barrett	Excel
	AWS Plumbing	EcoTherm
	Lippolis Electric	Donaldson
	Giaquinto	North Shore
	FMB	Millbrook
	Cooper	BK Tile
	Austin	Schindler
	ConEdison	Bancker
	One Atlas	

I. Activities Conducted During Reporting Month

• **SITE WORK SUMMARY**

Construction

- J&A backfilled over and around the detention tank in the southeast portion of the Site, the former ramp area (see orange area in **Attachment A - Site Plan**).
- J&A compacted backfilled soil and One Atlas performed soil compaction test.
- ConEdison continued with vault connections to transformers
- Façade and interior work on the building
- Bancker excavated, set structures and piping for the site drainage, from South moving North on Gerard Ave.

A Site Plan showing is provided in **Attachment A**.



- **DEWATERING**
 - Dewatering is complete.
- **AIR MONITORING SUMMARY**
 - CAMP was implemented from June 4 until June 27, 2025.
 - No exceedances to threshold were noted during the reporting period. Daily field reports with air monitoring results were submitted to NYSDEC/NYSDOH.
- **OFF-SITE DISPOSAL SUMMARY**
 - No material was transported offsite during this monitoring period.

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY
This Month	0	0	0	0	0	0	0	0
Previous Disposal	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520

- **IMPORTED MATERIAL SUMMARY**
 - Two (2) truckloads of gas permeable aggregate from Tilcon, NY were imported to the Site during this monitoring period.

Facility Name/ Location (Trucks, Tons)	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates)		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS	
	Trucks	Tons	Trucks	Tons	Trucks	Trucks	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
This Month	0	0	2	45.05	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	50	1,296.94	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94
TOTAL	16	413.72	52	1,341.99	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94

- **SAMPLES COLLECTED THIS MONITORING PERIOD**
 - No samples were collected this monitoring period.
- **DELIVERABLES SUBMITTED DURING THIS MONITORING PERIOD**
 - June 10, 2025 – Monthly Progress Report
 - June 11, 2025 – Draft Remedial Action Work Plan (RAWP) Fact Sheet
 - June 26, 2025 – Request to Import GPA -Tilcon NY.
- **MEETINGS AND CORRESPONDENCE**
 - June 18, 2025 – RAWP Pre-construction Meeting



II. Anticipated Activities-Monitoring Period of July 1, 2025 through July 31, 2025

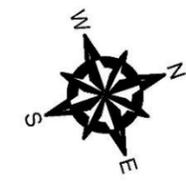
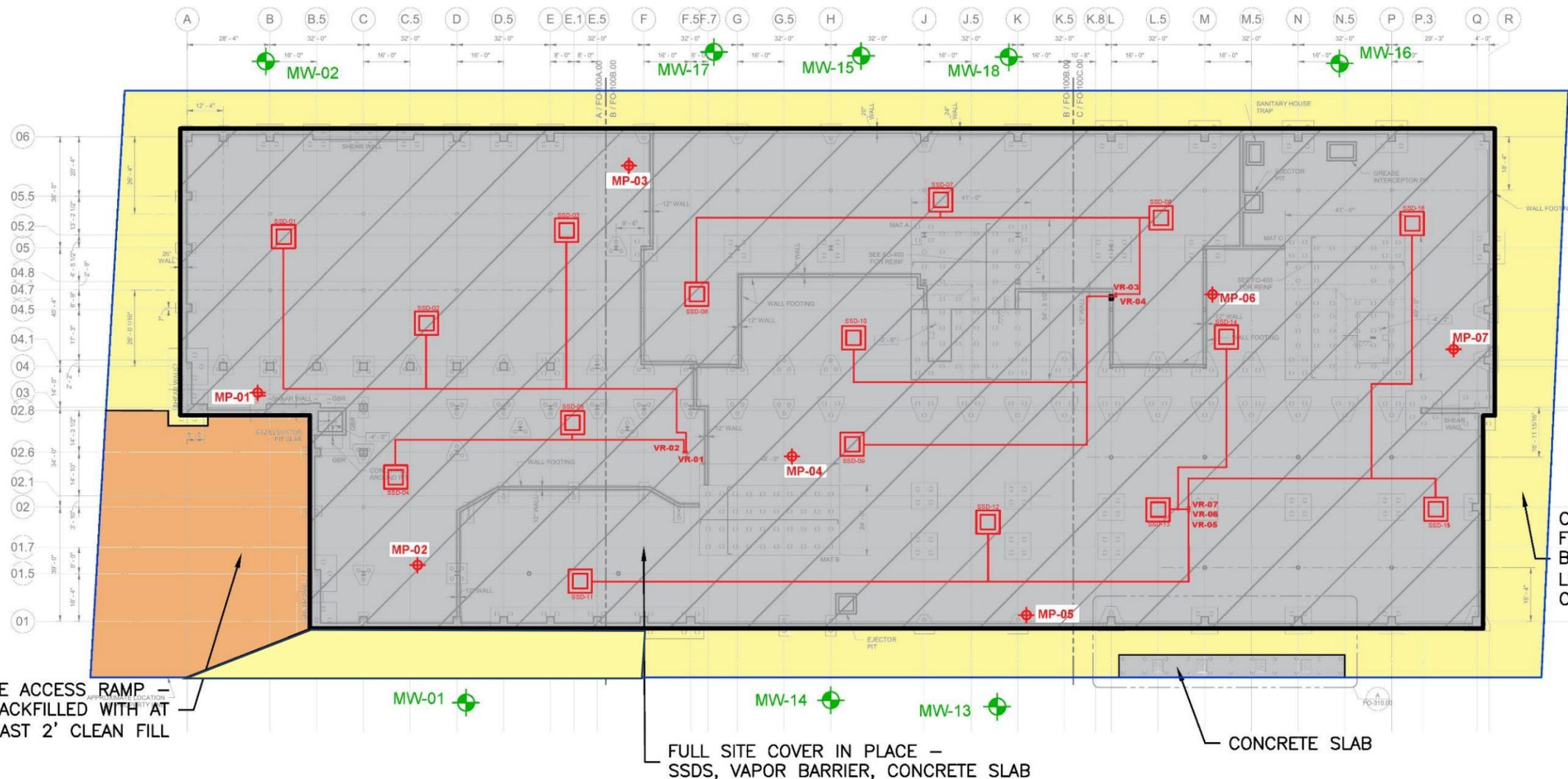
- Quarterly groundwater sampling report
- Continue with interior partitions and plumbing
- Continue with window installation
- Install mechanical, electrical, and plumbing
- Install sewer / storm connections on 150th Street and River Avenue
- Draft Site Management Plan.

See **Attachment B** for the Two-Week Look Ahead schedule.



ATTACHMENT A
SITE PLAN

©2025 - GZA GeoEnvironmental of NY
 GZA-J:\Active 163000 to 163099\163097.00 SA 101 East 150th - BCP Remediation\Drawings\GZA\CAD\2025.03.10 MPR figure_S6.dwg [FIG 2 - 17x11] March 10, 2025 - 3:38pm Selia.Gupta



OUTSIDE BUILDING FOOTPRINT - BACKFILLED WITH AT LEAST 2' CLEAN FILL

SITE ACCESS RAMP - BACKFILLED WITH AT LEAST 2' CLEAN FILL

FULL SITE COVER IN PLACE - SSDS, VAPOR BARRIER, CONCRETE SLAB

CONCRETE SLAB

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 46-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SITE ACCESS RAMP - BACKFILLED WITH AT LEAST 2' CLEAN FILL
- CONCRETE COVER

- ⊕ MW-01 APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- ⊕ MP-01 APPROXIMATE SSDS MONITORING POINT LOCATION



NO.	REVISION/DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ. MGR: RM DESIGNED BY: JB DATE: MARCH, 2025	REVIEWED BY: RM DRAWN BY: SG PROJECT NO. 41.0163097.00	CHECKED BY: SK SCALE: 1"=40' REVISION NO. -	FIGURE <div style="font-size: 24px; font-weight: bold; text-align: center;">1</div> SHEET NO. 1 of 1



ATTACHMENT B
PROJECT SCHEDULE



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MONTHLY PROGRESS REPORT

101 EAST 150th STREET, BRONX, NY 10451
Block 2354 Lot 1

BCP SITE NO. C203154

PERIOD: July 1, 2025 to July 31, 2025

REPORT DATE: August 8, 2025

GZA File No.: 41.0163097.00

PREPARED FOR:

586 RIVER AVE., LLC
95 Pine Street, 6th Floor
New York, NY 10005

PREPARED BY:

GOLDBERG-ZOINO ASSOCIATES OF NEW YORK P.C.
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MONTHLY PROGRESS REPORT

101 East 150th Street, Bronx, NY 10451
 Brownfield Cleanup Program No. C203154

Monthly Progress Report No. 25
 Period: July 1, 2025 to July 31, 2025

The following report summarizes the activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street, Bronx, NY located at the NYC Tax Block 2354, Lot 1 (the Site). The 586 River Ave. LLC (Participant) has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC and the New York State Department of Health (NYSDOH) to protect public health and the environment during construction and is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

ON-SITE SUMMARY

	COMPANIES/ORGANIZATIONS	
QEP:	GZA	
CONTRACTORS:	J&A Concrete (J&A)	
	DeMatteis Organization	
SUBCONTRACTORS:		
	Crown Waterproofing	Stasi Brothers
	Lyndon/Metro Iron	Above All Windows
	Barrett	Excel
	AWS Plumbing	EcoTherm
	Lippolis Electric	Donaldson
	Giaquinto	North Shore
	FMB	Millbrook
	Cooper	BK Tile
	Austin	Schindler
	ConEdison	Bancker
	One Atlas	L&L
	Island SOFP	UTI
	Nico Construction	

I. Activities Conducted During Reporting Month

• **SITE WORK SUMMARY**

Construction

- Façade work, exterior brick pre-cast caulking, and removal of building scaffolds
- Interior work framing / sheet rock on 3rd and 4th floor
- Installation of elevator shaft walls
- Installation of sewer / storm connections on 150th Street and River Avenue

A Site Plan showing is provided in **Attachment A**.



- **DEWATERING**
 - Dewatering is complete.
- **AIR MONITORING SUMMARY**
 - CAMP was not implemented during this monitoring period.
- **OFF-SITE DISPOSAL SUMMARY**
 - No material was transported offsite during this monitoring period.

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY
This Month	0	0	0	0	0	0	0	0
Previous Disposal	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520

- **IMPORTED MATERIAL SUMMARY**
 - No material was imported during this monitoring period.

Facility Name/ Location (Trucks, Tons)	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates)		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS	
	Trucks	Tons	Trucks	Tons	Trucks	Trucks	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
This Month	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	52	1,341.99	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94
TOTAL	16	413.72	52	1,341.99	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94

- **SAMPLES COLLECTED THIS MONITORING PERIOD**
 - No samples were collected during this monitoring period.
- **DELIVERABLES SUBMITTED DURING THIS MONITORING PERIOD**
 - July 1, 2025 – Tilcon New York Inc. West Nyack Quarry, NYSDEC Facility Permit
 - July 10, 2025 – Monthly Progress Report
- **MEETINGS AND CORRESPONDENCE**
 - July 1, 2025 – NYSDEC Email Approval to import 200 CY of virgin stone from Tilcon West Nyack Quarry
 - July 9, 2025 – Mailing of the RAWP Fact Sheets to Contact list and Certification of Mailing



II. Anticipated Activities-Monitoring Period of August 1, 2025 through August 31, 2025

- Submit Draft Site Management Plan (on August 1, 2025)
- Submit Quarterly groundwater sampling report
- Continue with interior partitions and plumbing
- Continue with window installation
- Install mechanical, electrical, and plumbing
- Submit Groundwater Monitoring Report
- Submit Draft Site Management Plan.
- SSD / SVE system installation and start up.

See **Attachment B** for the Two-Week Look Ahead schedule.

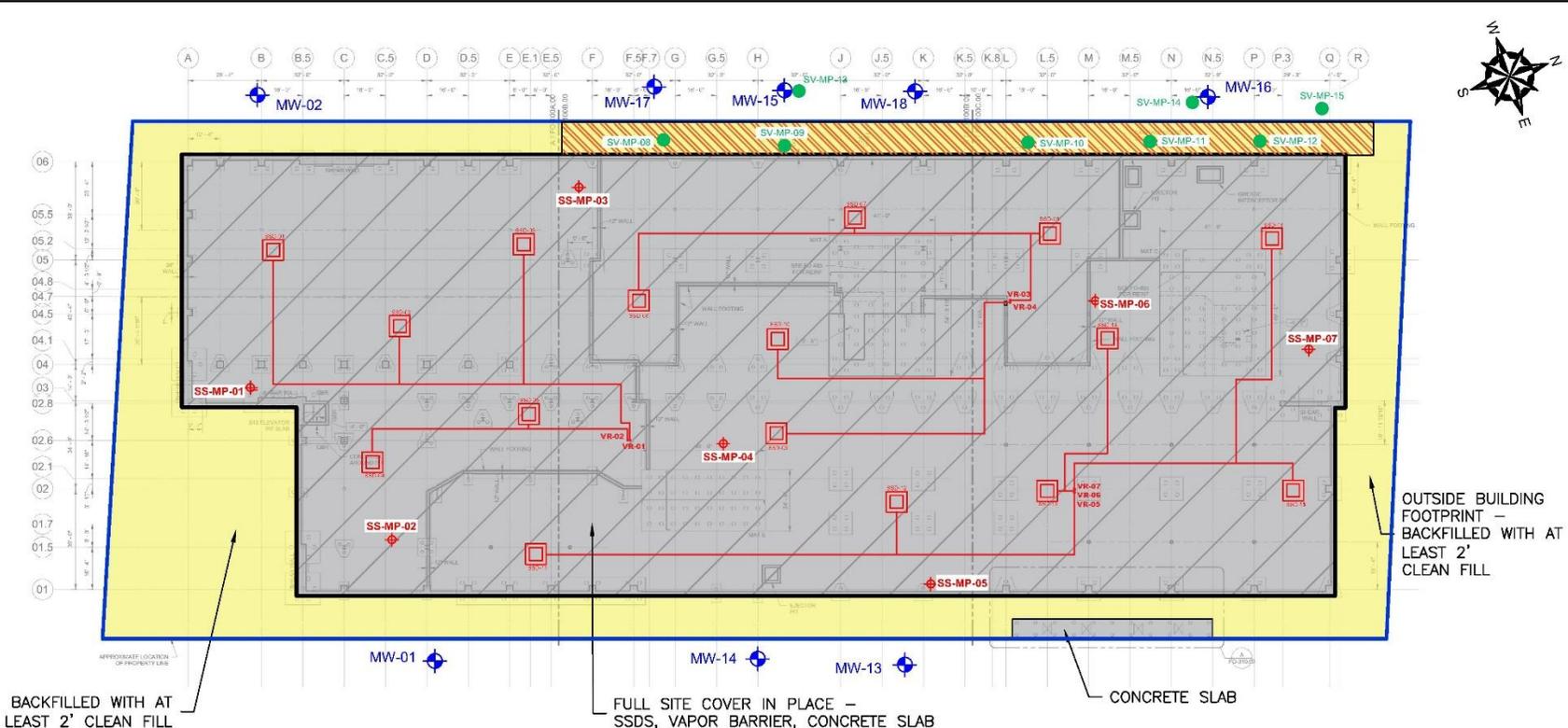


BCP Monthly Progress Report No. 25
101 East 150th Street, Bronx, NY 10451
GZA File No. 41.0163097.00

ATTACHMENT A
SITE PLAN



©2025 GZA GeoEnvironmental of NY, GZA-Active 163097.00 - SA 101 East 150th - BCP Remediation Drawings (GZA CAD) 2025.03.10 MPR figure_S0.dwg [Fig 2 - 17X11 (2)] August 08, 2025 - 12:07pm lahuc@ch2m

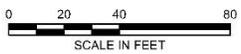


GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 46-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SOIL VAPOR EXTRACTION SYSTEM TRENCH
- CONCRETE COVER
- MW-01 + APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- SS-MP-01 + APPROXIMATE SSDS MONITORING POINT LOCATION
- SV-MP-08 ● APPROXIMATE SOIL VAPOR EXTRACTION MONITORING POINT LOCATION



NO.	ISSUE/DESCRIPTION	BY	DATE
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101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE MANAGEMENT PLAN			
<small>PREPARED BY:</small> GZA GeoEnvironmental of NY <small>Engineers and Scientists</small> www.gza.com	<small>PREPARED FOR:</small> 586 RIVER AVE., LLC		
<small>PROJECT NO.:</small> 41.0163097.00 <small>DATE:</small> AUGUST 2025	<small>DESIGNED BY:</small> JH <small>DRAWN BY:</small> LWC <small>SCALE:</small> 1"=10' <small>REVISION NO.:</small> -	<small>FIGURE:</small> 1 <small>SHEET NO.:</small> 1 of 1	



ATTACHMENT B
PROJECT SCHEDULE



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MONTHLY PROGRESS REPORT

101 EAST 150th STREET, BRONX, NY 10451
Block 2354 Lot 1

BCP SITE NO. C203154

PERIOD: August 1, 2025 to August 31, 2025

REPORT DATE: September 9, 2025

GZA File No.: 41.0163097.00

PREPARED FOR:

586 RIVER AVE., LLC
95 Pine Street, 6th Floor
New York, NY 10005

PREPARED BY:

GOLDBERG-ZOINO ASSOCIATES OF NEW YORK P.C.
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MONTHLY PROGRESS REPORT

101 East 150th Street, Bronx, NY 10451
 Brownfield Cleanup Program No. C203154

Monthly Progress Report No. 26
 Period: August 1, 2025 to August 31, 2025

The following report summarizes the activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street, Bronx, NY located at the NYC Tax Block 2354, Lot 1 (the Site). The 586 River Ave. LLC (Participant) has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC and the New York State Department of Health (NYSDOH) to protect public health and the environment during construction and is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

ON-SITE SUMMARY

	COMPANIES/ORGANIZATIONS	
QEP:	GZA	
CONTRACTORS:	J&A Concrete (J&A)	
	DeMatteis Organization	
SUBCONTRACTORS:		
	Crown Waterproofing	Stasi Brothers
	Lyndon/Metro Iron	Above All Windows
	Barrett	Excel
	AWS Plumbing	EcoTherm
	Lippolis Electric	Donaldson
	Giaquinto	North Shore
	FMB	Millbrook
	Cooper	BK Tile
	Austin	Schindler
	ConEdison	Bancker
	One Atlas	L&L
	Island SOFP	UTI
	Nico Construction	

I. Activities Conducted During Reporting Month

• **SITE WORK SUMMARY**

Construction

- Interior finishing and painting from cellar to 3rd floor
- Finish interior mechanical and electrical installations.
- Installation of sewer / storm connections to River Avenue
- SSDS / SVE system fans, components, and monitoring points installation

A Site Plan showing is provided in **Attachment A**.



- **DEWATERING**
 - Dewatering is complete.

- **AIR MONITORING SUMMARY**
 - CAMP was implemented between August 20 to August 29, 2025.
 - No exceedances to threshold were noted during the reporting period. Daily field reports with air monitoring results were submitted to NYSDEC/NYSDOH.

- **OFF-SITE DISPOSAL SUMMARY**
 - No material was transported offsite during this monitoring period.

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY
This Month	0	0	0	0	0	0	0	0
Previous Disposal	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520

- **IMPORTED MATERIAL SUMMARY**
 - The following material was imported during this monitoring period.

Facility Name/ Location (Trucks, Tons)	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates)		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS	
	Trucks	Tons	Trucks	Tons	Trucks	Trucks	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
This Month	0	0	18	441.55	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	52	1,341.99	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94
TOTAL	16	413.72	70	1,783.54	240	5,645.99	169	4,521.62	9	216.41	8	197.26	492	12,291.94

- **SAMPLES COLLECTED THIS MONITORING PERIOD**
 - No samples were collected during this monitoring period.

- **DELIVERABLES SUBMITTED DURING THIS MONITORING PERIOD**
 - August 1, 2025 – C203154 Draft Site Management Plan
 - August 8, 2025 – Monthly Progress Report
 - August 18, 2025 – Request to Import Materials GPA – Tilcon NY
 - August 20, to August 29, 2025 – Daily Field Reports

- **MEETINGS AND CORRESPONDENCE**
 - August 18, 2025 – NYSDEC Email Approval to import 300 CY of virgin stone from Tilcon West Nyack Quarry



II. Anticipated Activities-Monitoring Period of September 1, 2025 through September 30, 2025

- Continue with interior partitions and plumbing
- Install mechanical, electrical, and plumbing
- Finalize sewer connection along River Avenue
- Complete SSD / SVE system installation and start up.
- Submit Groundwater Monitoring Report

See **Attachment B** for the Two-Week Look Ahead schedule.

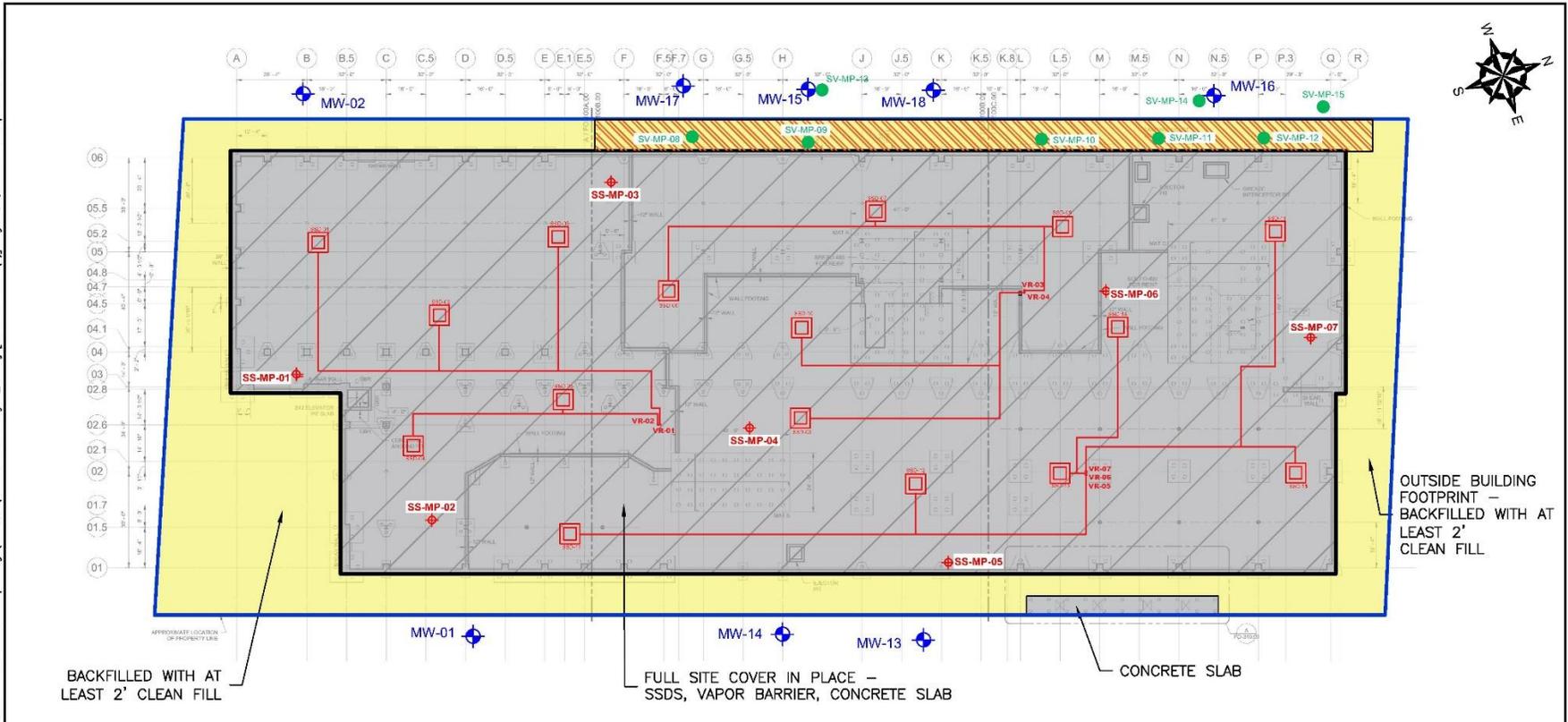


BCP Monthly Progress Report No. 26
101 East 150th Street, Bronx, NY 10451
GZA File No. 41.0163097.00

ATTACHMENT A
SITE PLAN



©2025 GZA GeoEnvironmental of NY, GZA-Active 163097.00 - SA 101 East 150th - BCP Remediation Drawings (GZA CAD) 2025.03.10 MPR figure_S0.dwg [Fig 2 - 17X11 (2)] August 08, 2025 - 12:07pm lahucchi



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSSDs, VAPOR BARRIER CONSISTING OF 46-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SOIL VAPOR EXTRACTION SYSTEM TRENCH
- CONCRETE COVER
- MW-01 + APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- SS-MP-01 + APPROXIMATE SSSDs MONITORING POINT LOCATION
- SV-MP-08 ● APPROXIMATE SOIL VAPOR EXTRACTION MONITORING POINT LOCATION



NO.	ISSUE/DESCRIPTION	BY	DATE
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101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE MANAGEMENT PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJECT NO.: 41.0163097.00	DRAWN BY: LWC	CHECKED BY: SR	SCALE: 1"=10'
DATE: AUGUST 2025	PROJECT NO.: 41.0163097.00	REVISION NO.: -	FIGURE: 1
			SHEET NO. 1 of 1



ATTACHMENT B
PROJECT SCHEDULE



THE DEMATTEIS ORGANIZATIONS

2-Week Look Ahead

Contractor	Description	1-Sep	2-Sep	3-Sep	4-Sep	5-Sep	6-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	13-Sep	14-Sep	COMMENTS
		M	T	W	Th	F	Sat	Sun	M	T	W	Th	F	Sat	Sun	
DeMatteis	Jobsite safety compliance and supervision Cleaning debris and rubbish from jobsite perimeter Maintaining debris piles in the building and loading debris into mini containers Opening and closing fences for Con-Ed															
J&A	Pouring the parapet walls and Stair D from 7th fl. 4th fl. Pouring the topping slab and Stair D from 4th fl. to cellar															
Atlas	Polishing the 4th fl. and 1st fl. mock ups															
Crown Waterproofing	Not due onsite															
Lippolis	Pulling and terminating wiring at SSB1/SSB2/transformers, overhead pulls into transformers Pulling and terminating wiring at HDB480 and HDB5 6th roof disconnects, power feeds and terminating wiring at mech equipment ATS infrastructure and pulling wiring from generator ECR D Bull 18 work Futsal court in wall rough in Setting and terminating plumbing and mechanical control panels throughout Gerard Ave MDF telecom feeds to curb Lighting install cellar gang bathrooms															
North Shore (Steam)	6th roof piping terminations at CUs, nitrogen testing Vacuum testing all banks of CUs on 7th roof DOAS room pipe feeds throughout Addressing Ventrop/FST lists															
North Shore (Duct)	Futsal court duct install DOAS room duct feeds throughout Tying in balance of 7th and 6th roof following metal panel install, 6th roof leakage testing Installing SSDS/SVE fans and components Addressing Ventrop/FST lists															
Millbrook	Futsal court mains and branches Setting heads in sheetrock ceilings throughout Sprinkler/standpipe testing ongoing															
AWS Plumbing	Roughing out 1st bathroom near auditorium, testing and DOB inspection to follow Completion of copper in water service room and testing Piping out to SSDS/SVE fans, installing monitoring point components and labels throughout Addressing Ventrop/FST lists															
L&L	6th: Repaint hallway 5th: Repaint hallway 2nd: Paint hallways and classrooms 1st: protection and paint corridor ceiling on Saturday. Paint all replacement doors, throughout 7th down. Paint gym ceiling.															
Donaldson	6th floor: Polish hallways. 5th floor: Polish hallways, spackle ceilings section B 3rd floor: Spackle classrooms sections A and B. Scholar spine and secondary hallway Ceiling grid installation 2nd Floor: Scholar spine and secondary hallway ceiling grid installation. Boarders and ceiling grid in Gerard ave classrooms 2nd floor: Sheetrock Cafe lounge 1st floor: 1st coat Tape and spackle gym walls. Frame/sheetrock gang bathroom. Pick up misc framing and sheetrock. Cellar: Continue Frame and Sheetrock Section A (futsal, stage, gang bathrooms). Continue 1st coat of spackle in section B Cellar: and C. Pick up sheetrock sections B Throughout: Installing replacement doors and sheetrock stairwell C. Installing Cants and dummy walls in elevator shaft D Closing up the hoist vein on the North elevation															
Cooper (NSCC Controls)	Terminating at 6th roof mech units and DOAS rooms															
EcoTherm(AWS Insulator)	Cellar copper futsal court															
Excell (NSCC Insulator)	7th roof duct and piping insulation and jacketing															
Giaquinto	Washing down the E line brick and breaking down scaffolding Washing down the 6 line brick and breaking down scaffolding Topping out the 2.8 line and A line brick Washing down the 2.8 line and A line brick and breaking down the scaffolding Installing the scaffolding for hoist vein on North elevation															
Above All Windows	Delivery and manipulation of glass and equipment to ES terrace Installing glass on the East curtain wall of ES terrace Delivery and manipulation of scaffolding for 2nd HS terrace and 5th MS terrace. Erecting scaffolding Installing girts and metal panels on the Stair C bulkhead South elevation Prepping for installation of glass for HS terrace East elevation curtain wall Delivery of glass for ES terrace curtain wall															
Con Ed	Pulling and terminating main feeders for permanent power systems															
AVI	Start cable pulls in the MPR Install projector screens in all 4 cafeterias Get cables on the side of the wall for the speaker in the auditorium Start installation of speaker brackets in the gym Get cables to speaker locations in the Gym															
BK Tile	6th Floor: Wall and Floor tile in bathroom's 640A, 640B and single use 647 5th floor: Wall and floor tile install in bathrooms 514D, 514B, 540 and 553 3rd floor: Wall tile in 310, 314B, 340 and 353 2nd floor: Wall tile in 214B, 214E, 210 Lobby: Installing Wall panels in lobby 124 and 125															
UTI	1st floor cabling 2nd and 3rd floor Electric Power Tranfer hinge instalation Cellar Cabling 5th and 6th Floor Mag holder installation															
Austin	1st floor B side will continue to get pulled until end of next week 5th floor closet is getting dressed and prepped. Will be done by end of the week Crew will finish 2nd floor RTLS + PA drops by end of the week Crew will start punching down cables on field side starting with the 6th floor. Crew will go down to the Cellar to drop cables run RTLS + PAs on B side Start the pulling of cable 1st floor A side															
Schindler	Operating the D1/D2 platforms for shaft work by others Spinning motors, setting counter weight brackets, and building out the cabs on D1/D2															
Spring Scaffold	Removing the sidewalk bridge on Gerard ave.															
Sam Tell	Testing refrigeration system															
John mini	Installing metal border and tack strips on ES and MS roofs Delivery, manipulation and installation of foam filler for ES and MS roofs Blowing stone fill and 6th fl. sedum roof fill															
Bancker	Backfilling the River ave. sewer connection, removing sheeting and shoring, paving street Reestablishing SVE stone layers, demarcation layers and removing material from site Excavating for underground telecom lines on Gerard ave.															
Stasi Brothers	Forming for the HS terrace benches, walls and seating Forming the MS plaza walls over slab Layout and drilling rebar for the ES plaza walls over slab Excavating and chopping out the old foundation wall on Gerard ave. Excavating and layout for ES plaza ramp walls Forming footings and walls for ES plaza ramp Pouring the HS terrace ramp wall, benches and seating Pouring the ES plaza walls over slab															
FMB	Tying up the ES terrace Jakobs netting Installing the bridge ballustrade and welding connections Installing stair D guardrails from 7th fl. to 4th fl. Installing stair D guardrails from 4th fl. to cellar Delivery of additional guard rails for stair D, pergola battons, and planter boxes for MS terrace Installing pergola battons and planter boxes on MS terrace															
NICO	Curb extension at bulkhead of Stair A Concrete boxes for storefront mechanical closers															
Universal Pre-Cast	Cleaning the precast on Gerard and River elevations Installing 2 panels of hoist leave out area															
Barrett	Installing the permanent roofing on the 5th fl. MS terrace, laying insulation and filter fabric Delivery of pavers for ES and MS terrace, manipulating to 5th fl. Patching in the ES, MS and HS hydroseal where concrete was cut for floor boxes Drilling, filling and epoxying the MS terrace fence posts															
Inspections	Concrete monitoring & testing Mechanical inspections for fuel oil, ductwork, HVAC piping, Sprinkler Standpipe, Plumbing Compaction inspection & backfill monitoring Rebar & post installed anchor installation Exterior facade inspections (Brick, AVB, insulation, ECC) Masonry mortar sampling Firestopping, FRC, SOFP Cold Form Steel EOR MEPS															

Labor Day



GZA GeoEnvironmental of New York



GZA DAILY FIELD REPORT 298

DATE: 6/4/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Jazlyn Natalie (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Mostly Cloudy
AVE. TEMPERATURE 72.28°F
AVE. DEW POINT 50.22 °F
MAX WIND SPEED 17 mph from S
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Wednesday, June 4, 2025	
PERSONNEL	
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	AWS Plumbing
	Lippolis Electrical
	Donaldson
	Giaquinto
SITE VISITORS:	One Atlas – Hiren Chaudhary
	SOM – Kirsten Youngren



GZA DAILY FIELD REPORT 298

DATE: 6/4/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 6/4/2025

Work Activities

1. J&A backfilled over and around the detention tank in the southeast portion of the Site, the former ramp area (see orange area in Attachment A - Site Plan) . Stockpiled soil originates from foundation footing excavation in the southern portion of the Site following the completion of remedial excavation. For areas around the detention tank, J&A compacted backfilled soil and One Atlas performed soil compaction test.
2. J&A performed housekeeping (sweeping, misting) along E 150th Street at the end of the day to mitigate dust.
3. Façade and Interior work on the building.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- SANY SY155U Excavator
- Takeuchi TL8 Track Loader

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 42.00 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 98.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

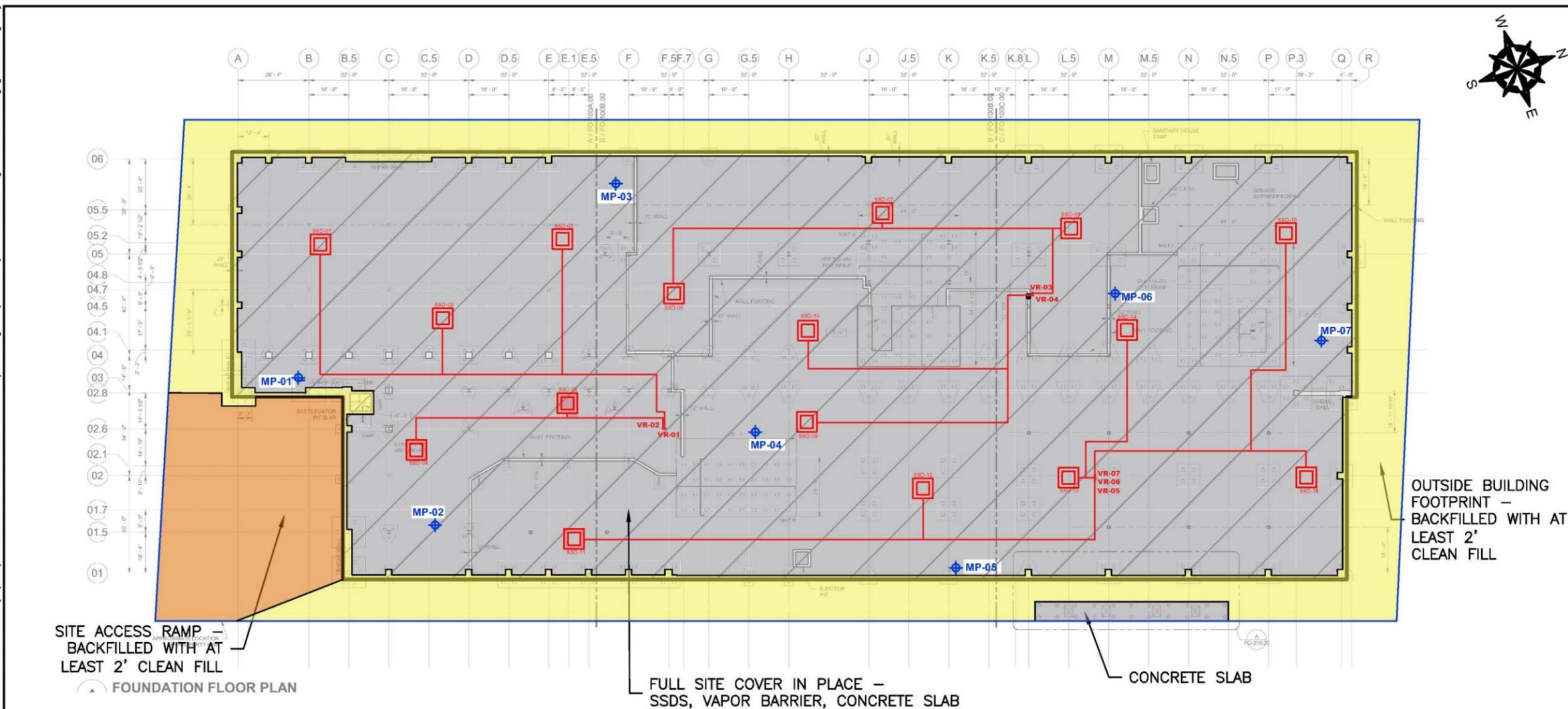


GZA DAILY FIELD REPORT 298

DATE: 6/4/2025
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

G:\2025 - GZA GeoEnvironmental of NY - GZA - Active 163000 to 163098\163097.00 - SA 101 East 150th - BCP Remediation\Report\2024.12.09 Remedial Action Work Plan\02 - Figures\GZA CAD\41.0163097.00 Figure 10_RAMP.dwg [FIGURE 10] May 21, 20



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 46-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SITE ACCESS RAMP - BACKFILLED WITH AT LEAST 2' CLEAN FILL
- CONCRETE COVER



NO.	DATE/DESCRIPTION	BY	CHK
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101 EAST 150TH STREET BRONX, NEW YORK, 10451			
EXCAVATION LOCATION PLAN			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	REVIEWED BY: RPM	CHECKED BY: SMK	FIGURE 10
DESIGNED BY: JHB	DRAWN BY: SG	SCALE: 1"=40'	
DATE: MAY 2025	PROJECT NO.: 41.0163097.00	REVISION NO.: -	SHEET NO.



GZA DAILY FIELD REPORT 298

DATE: 6/4/2025
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: Northwest	Photo No. 2	Direction Photo Taken Southwest
			
Description: Air monitoring using handheld equipment during backfilling.		Description: J&A backfilling around the detention tank in the southeast portion of the Site.	
Photo No. 3	Direction Photo Taken: North	Photo No. 4	Direction Photo Taken: Northeast
			
Description: One Atlas performing soil compaction test.		Description: View of the detention tank area at the end of the day.	



GZA DAILY FIELD REPORT 298

DATE: 6/4/2025
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

Daily Instrument Calibration Log

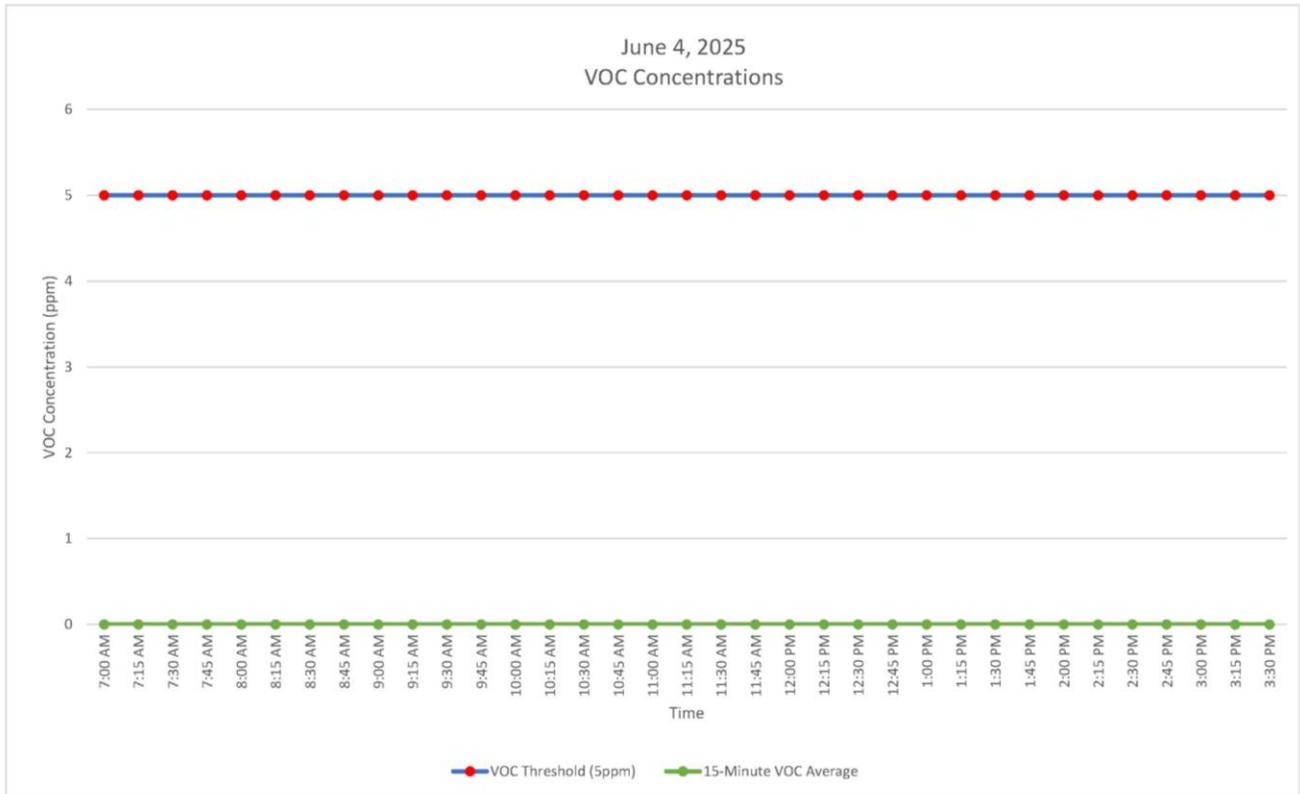
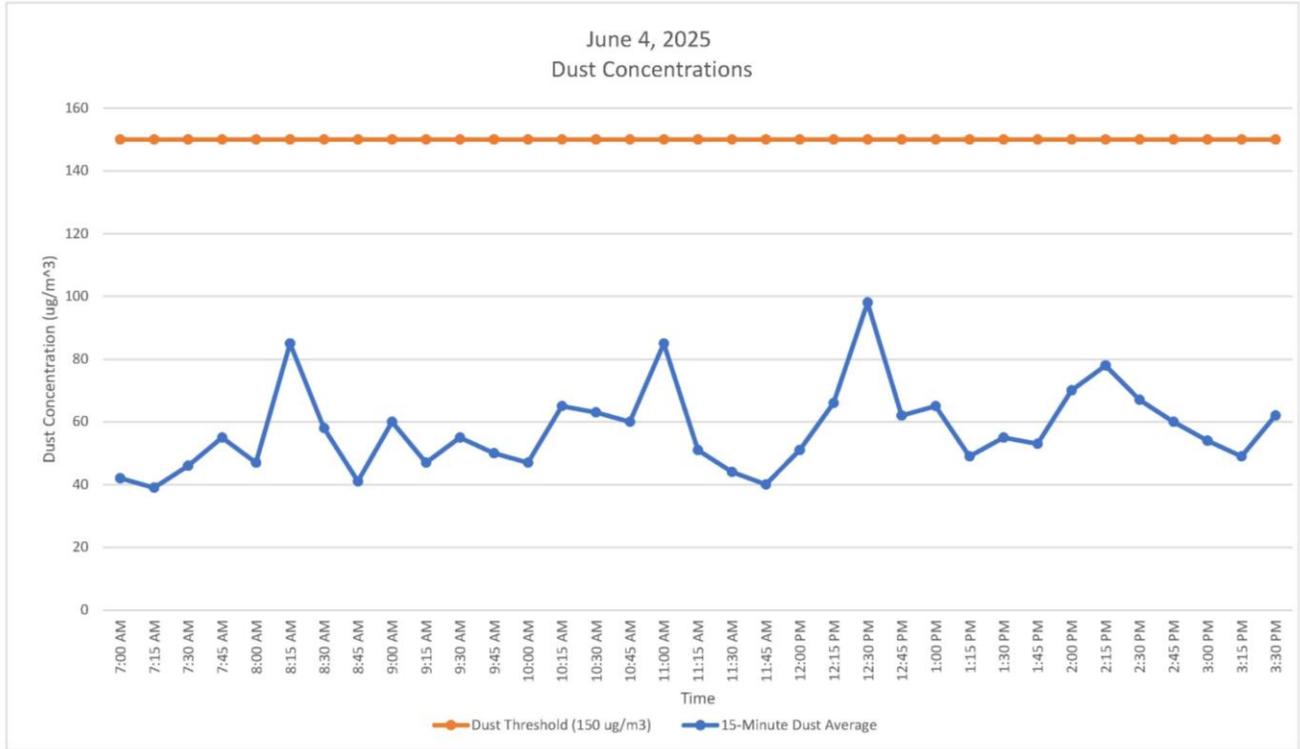
Date: June 4, 2025		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____		_____	
Station 2 _____		_____	
_____		_____	
_____		_____	
Hand Held	MiniRAE 3000 PID	SN: 592-602769	_____
Hand Held	TSISidePak	SN: 5202413004	_____
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input type="checkbox"/> Data	_____	
Weather Station		<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Background Readings:			
PID 1:	0.0	Data Ram 1:	42.00
PID 2:	_____	Data Ram 2:	_____



GZA DAILY FIELD REPORT 298

DATE: 6/4/2025

FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 221

DATE: 6/4/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Mostly Cloudy
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	69.77°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	58.97°F
		MAX WIND SPEED	13 mph from NE
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Tuesday, June 4, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	SRM Concrete
SITE VISITORS:	LERA



GZA DAILY FIELD SUMMARY 221

DATE: 6/4/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 6/4/2024

Work Location (Attachment A): Grids A9, B4, B5, B6, B8, B9, B10, C4, C5, and C6.

1. In preparation for concrete pour, J&A excavated in grid B10 and stockpiled soil to build a temporary platform for excavator. The area was restored by backfilling at the end of the day.
2. J&A poured concrete for a column in grid B10.
3. Lyndon/Metro installed steel columns and joists in grids B4, B5, B6, C4, C5, and C6.
4. J&A performed minor grading around pile caps in grids B8, B9, and B10.
5. J&A performed housekeeping following the removal of forms from pile caps and foundation wall in grids A9, B8, and B9.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Downwind, 1780– Upwind) with remote telemetry system
- Volvo EC220E Excavator, Volvo ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- GZA collected endpoint samples EP-43 (5' bgs at B7), EP-47 (5' bgs at B8), EP-65 (5.5' bgs at C8 and D8), EP-66 (5.5' bgs at D8), EP-67 (5.5' bgs at C8 and D8), EP-68 (5.5' bgs at C8), EP-69 (6' bgs at C8 and D8).

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 40.65 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 37.89 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 221

DATE: 6/4/2024
FILE NO: 41.0163097.00

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Today	0
Previous	4,156,942
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

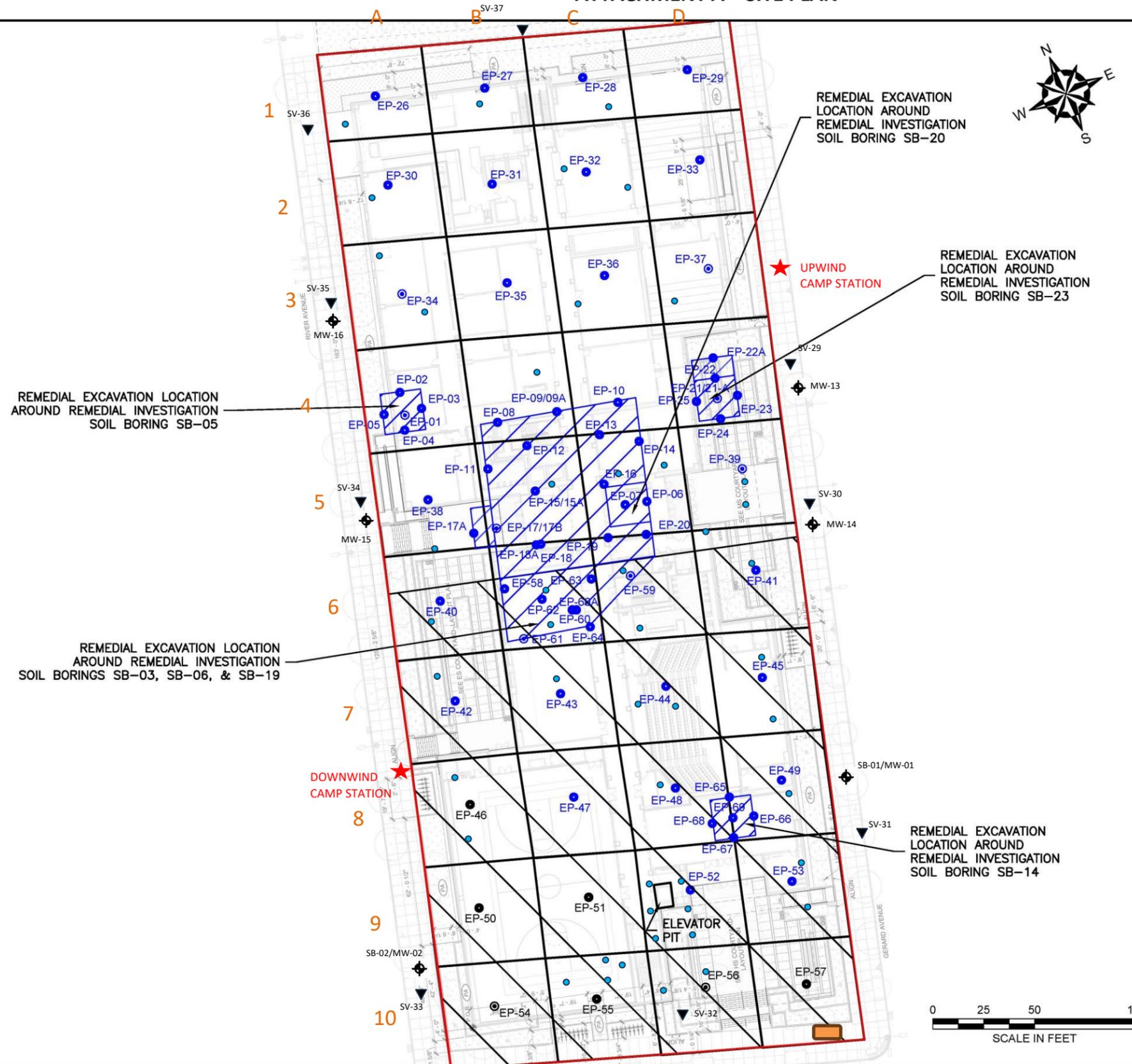


GZA DAILY FIELD SUMMARY 221

DATE: 6/4/2024
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY, GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:29am Jazlyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
- APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
- REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
- PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- ★ CAMP STATIONS
- DEWATERING POINTS
- DEWATERING TREATMENT SYSTEM
- ▼ OFF-SITE SOIL VAPOR SAMPLING
- EXISTING OFF-SITE REMEDIAL INVESTIGATION
- MONITORING WELL LOCATION

NO.	ISSUE/DESCRIPTION	BY	DATE

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101 EAST 150TH STREET
 BRONX, NEW YORK, 10451

INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN

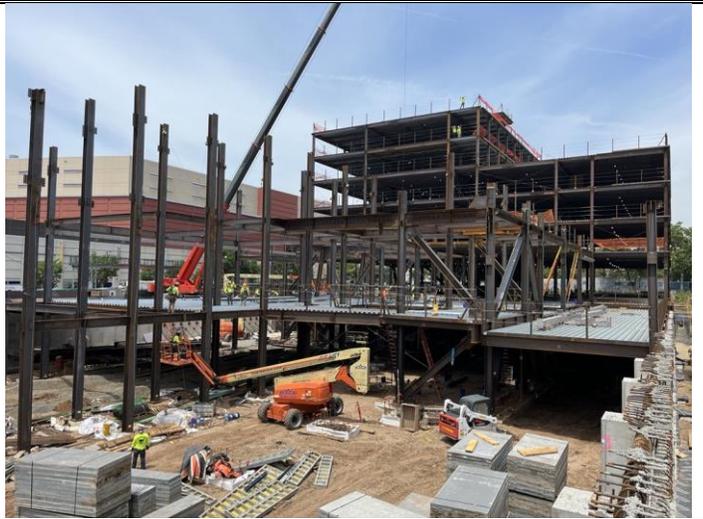
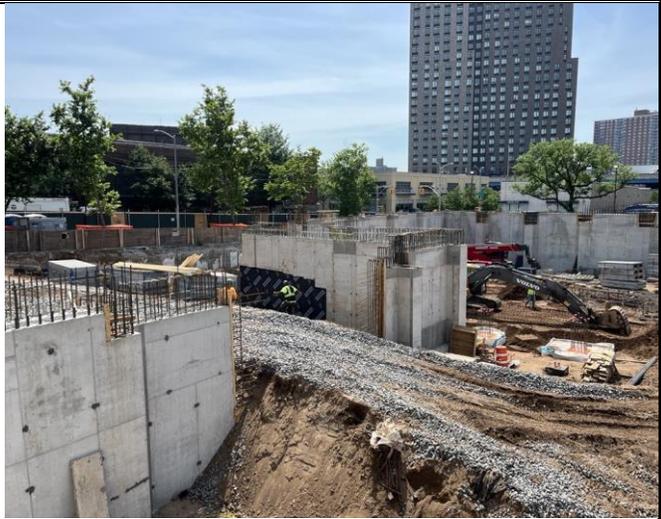
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com	PREPARED FOR: 586 RIVER AVE., LLC
PROJ MGR: RPM DESIGNED BY: RPM DATE: JUNE 2024	REVIEWED BY: RPM DRAWN BY: JHB PROJECT NO: 41.0163097.00
CHECKED BY: SMK SCALE: 1"=50' REVISION NO: -	FIGURE 8 SHEET NO.



GZA DAILY FIELD SUMMARY 221

DATE: 6/4/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Northwest	2	South
			
Description: View of Site at the beginning of the day.		Description: J&A pouring concrete for a column in grid B10.	
3	Northwest	4	Southwest
			
Description: Steel erection in grids C4, C5, and C6.		Description: View of the southern portion of Site at the end of the day.	



GZA DAILY FIELD SUMMARY 221

DATE: 6/4/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

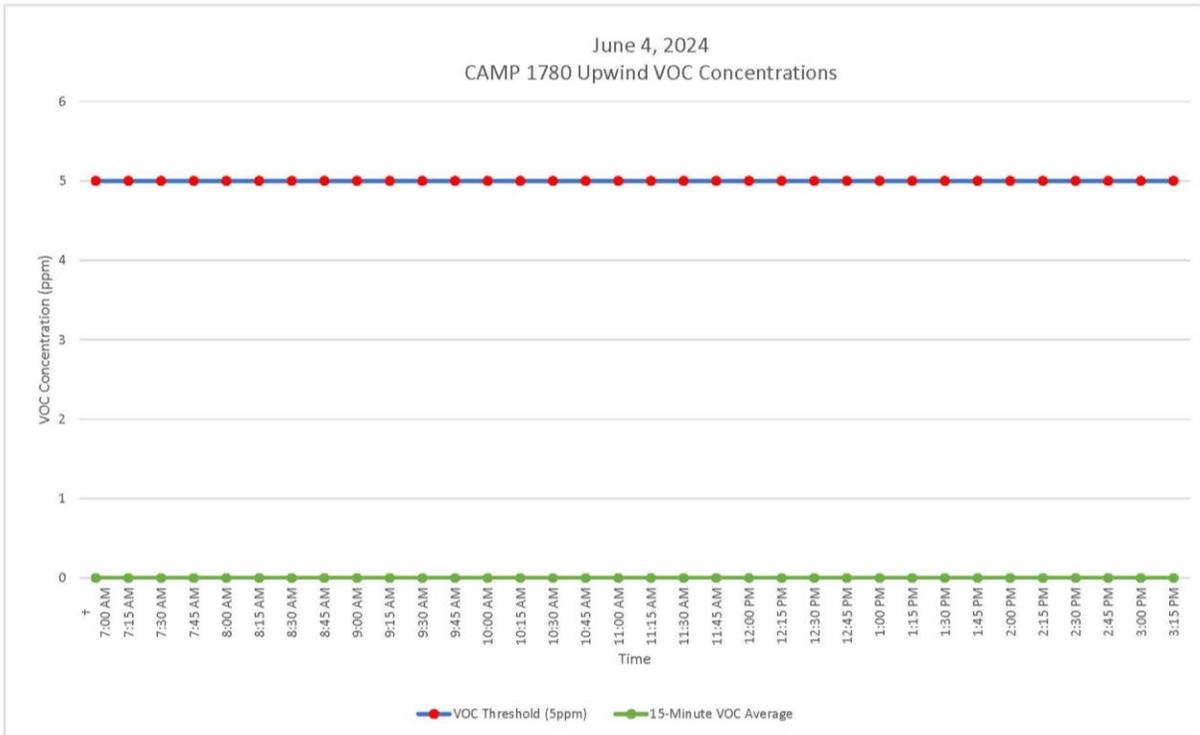
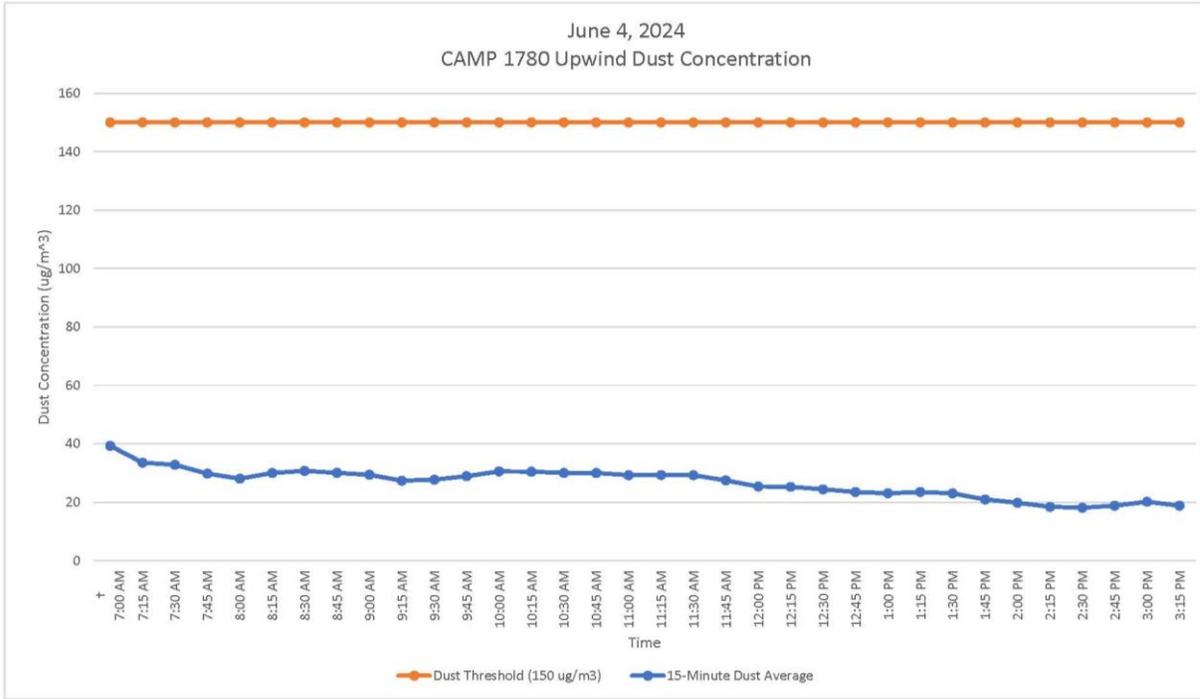
Date: June 4, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____		_____	
Station 2 _____		_____	
_____		_____	
Hand Held _____		_____	
PID Model 580 SN: 592-602879		_____	
SidePak SN: 5202136003		_____	
Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1:	0.0	Data Ram 1:	39.33
PID 2:	0.0	Data Ram 2:	40.65



GZA DAILY FIELD SUMMARY 221

DATE: 6/4/2024

FILE NO: 41.0163097.00

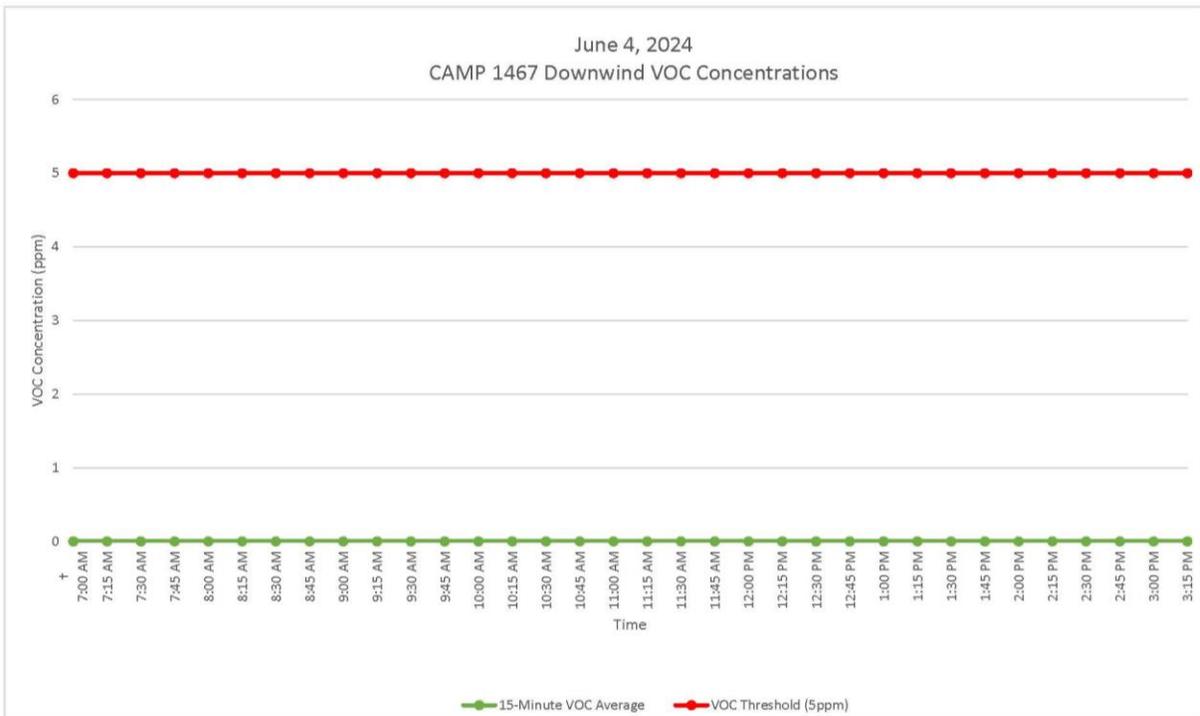
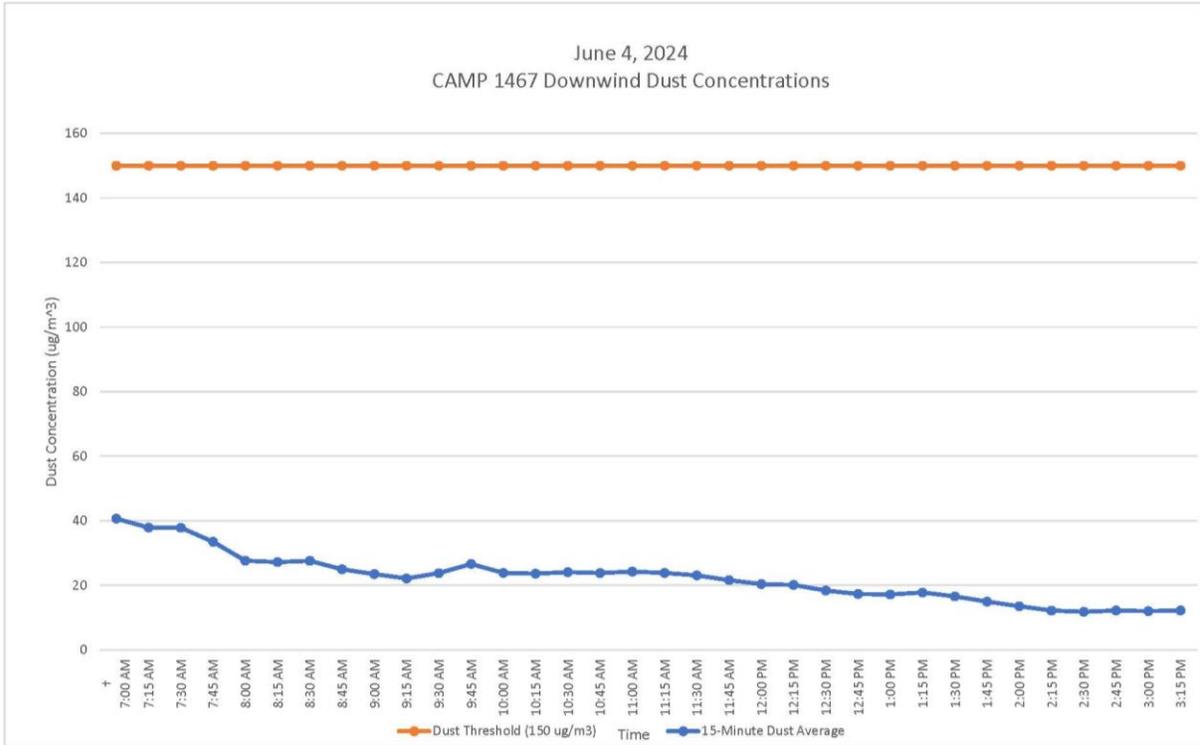




GZA DAILY FIELD SUMMARY 221

DATE: 6/4/2024

FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 221

DATE: 6/4/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 221

DATE: 6/4/2024

FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	44	1,140.23	136	3,194.92	73	2,031.18	9	216.41	278	6,996.46
TOTAL	16	413.72	44	1,140.23	136	3,194.92	73	2,031.18	9	216.41	278	6,996.46



GZA DAILY FIELD SUMMARY 222

DATE: 6/5/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Mostly Cloudy
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	70.80°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	62.67°F
		MAX WIND SPEED	18 mph from S
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Wednesday, June 5, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	SRM Concrete
	Lippolis Electrical
SITE VISITORS:	LERA



GZA DAILY FIELD SUMMARY 222

DATE: 6/5/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 6/5/2024

Work Location (Attachment A): Grids A8, A9, B4, B5, B6, B7, C4, C5, C6, B9, B10, C1, C2, C3, C9, C10, D1, D2, D3, and D10.

1. J&A poured concrete for the second story slab-on-deck in grids C1, C2, C3, D1, D2, and D3.
2. J&A removed formwork from the column poured on June 4 in grid B10.
3. J&A performed minor backfilling and grading in the entrance ramp area in grids C9, C10, and D10.
4. J&A performed housekeeping following the removal of formwork in grids A8, A9, B9, and B10.
5. Lyndon/Metro installed steel columns and joists in grids B4, B5, B6, B7, C4, C5, and C6.
6. Cardella Waste transported one roll-off container onsite.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volvo ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- GZA collected endpoint samples EP-46 (5' bgs at A8), EP-50 (5' bgs at A9), EP-51 (5' bgs at B9), EP-54 (5' bgs at A10), and EP-55 (5' bgs at B10).

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 30.31 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 32.51 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 222

DATE: 6/5/2024
FILE NO: 41.0163097.00

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Today	0
Previous	4,156,942
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

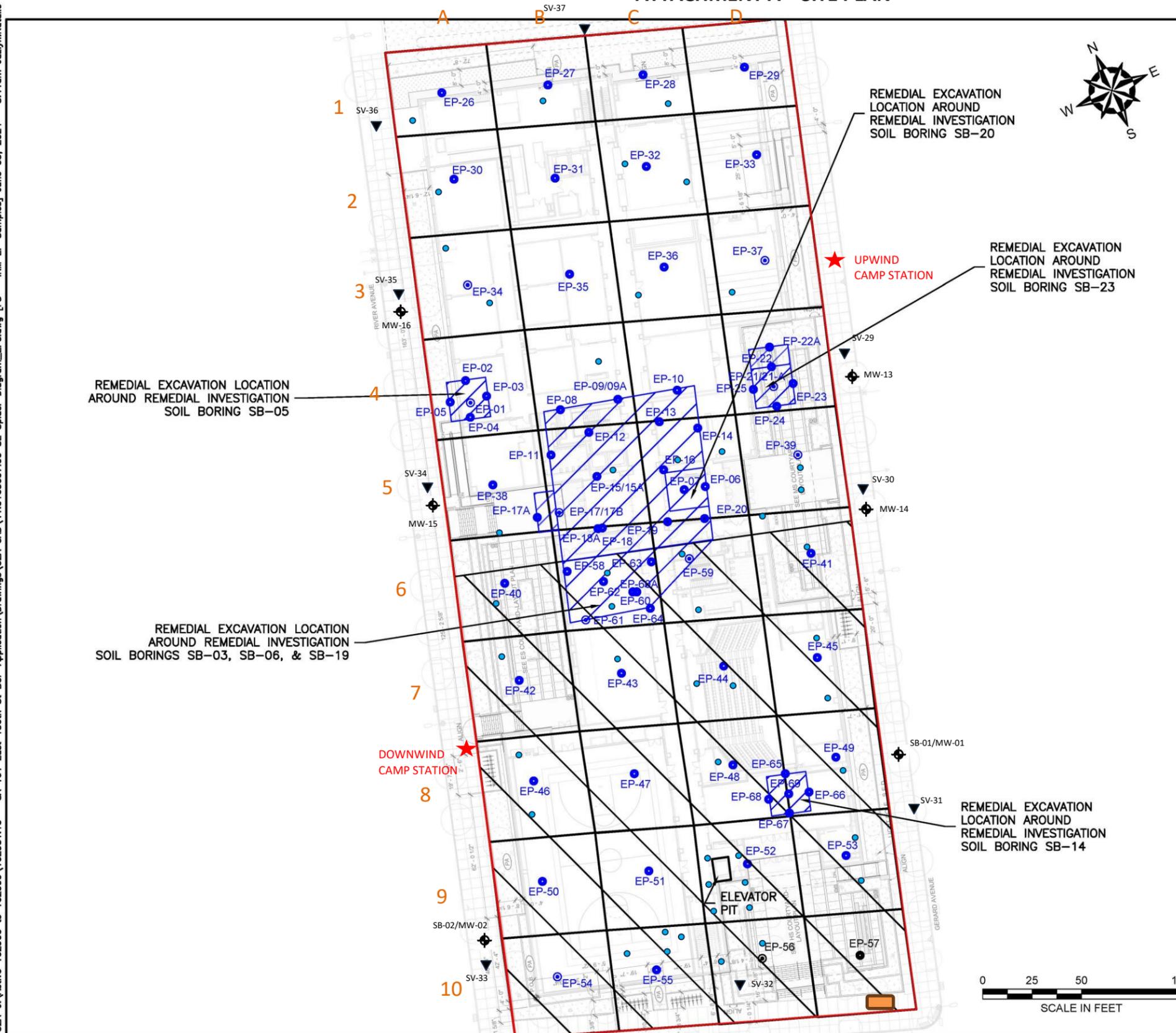


GZA DAILY FIELD SUMMARY 222

DATE: 6/5/2024
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
- APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
- REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
- PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- ★ CAMP STATIONS
- DEWATERING POINTS
- DEWATERING TREATMENT SYSTEM
- ▼ OFF-SITE SOIL VAPOR SAMPLING
- ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION
- ◆ MONITORING WELL LOCATION

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEDENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
BRONX, NEW YORK, 10451

INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	DESIGNED BY: RPM	REVIEWED BY: RPM	CHECKED BY: SMK
DATE: JUNE 2024	PROJECT NO: 41.0163097.00	SCALE: 1"=50'	REVISION NO. -
SCALE IN FEET 0 25 50 100			FIGURE 8 SHEET NO.



GZA DAILY FIELD SUMMARY 222

DATE: 6/5/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	West	2	Southwest
			
Description: J&A pouring concrete for the third story slab-on-deck.		Description: J&A performing housekeeping on the southern portion of the Site.	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	South	4	Northwest
			
Description: J&A removing formwork from the column in grid B10.		Description: Steel erection on the northern portion of Site.	



GZA DAILY FIELD SUMMARY 222

DATE: 6/5/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

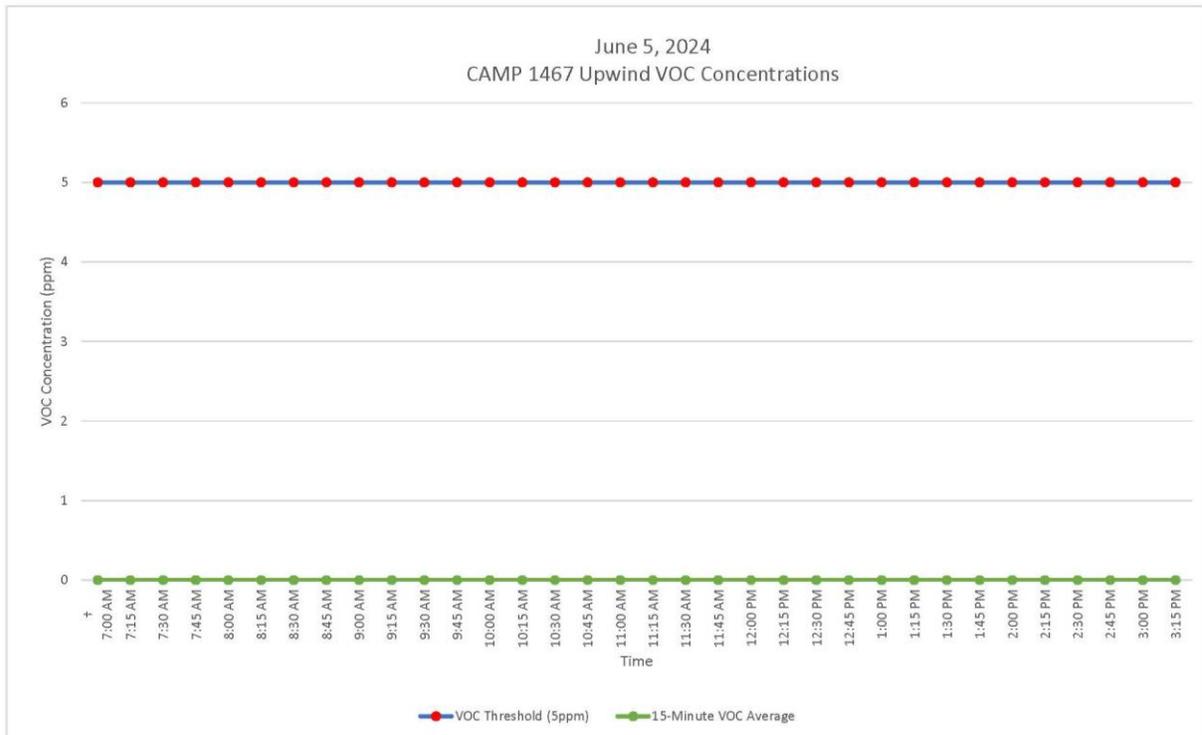
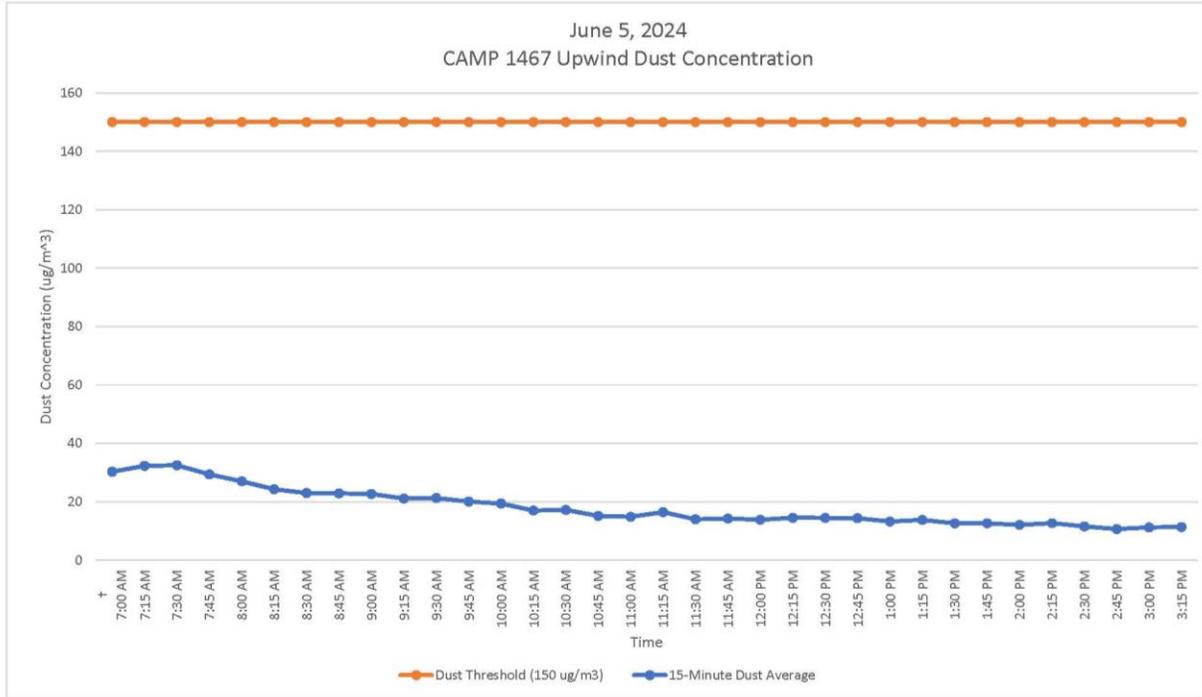
Date: June 5, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____			
Station 2 _____			
Hand Held _____			
Hand	PID Model 580	SN: 592-602879	_____
Held	SidePak	SN: 5202136003	_____
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>30.31</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>25.19</u>



GZA DAILY FIELD SUMMARY 222

DATE: 6/5/2024

FILE NO: 41.0163097.00

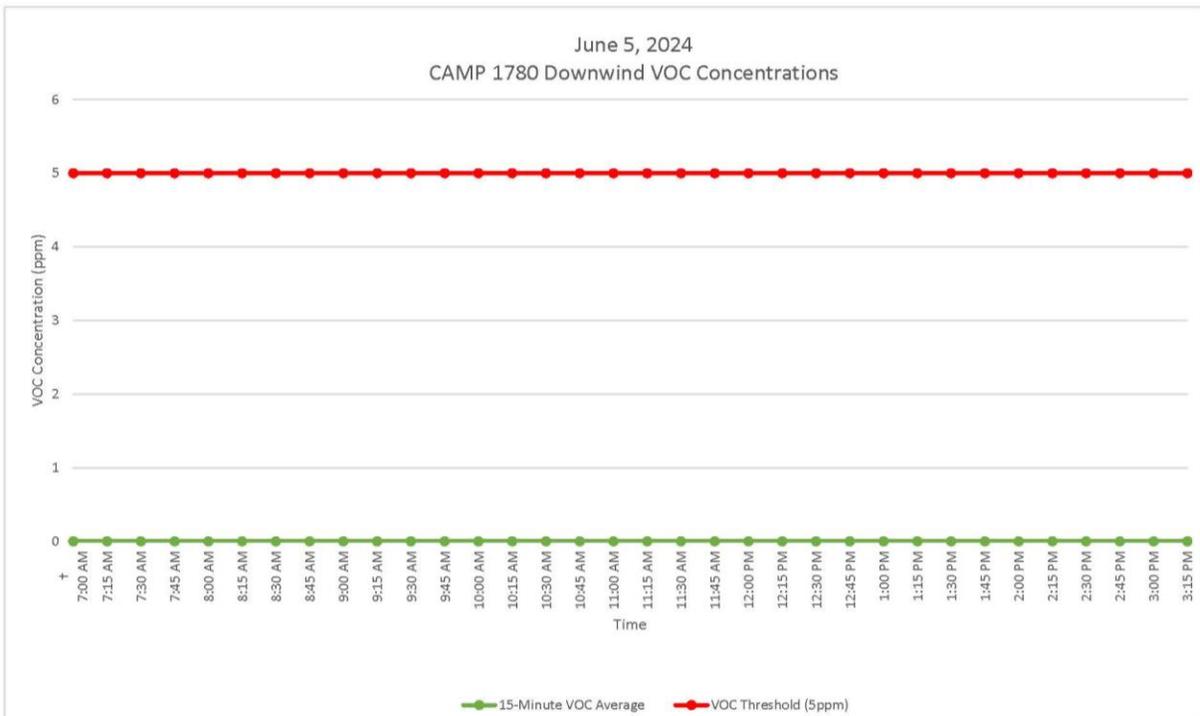
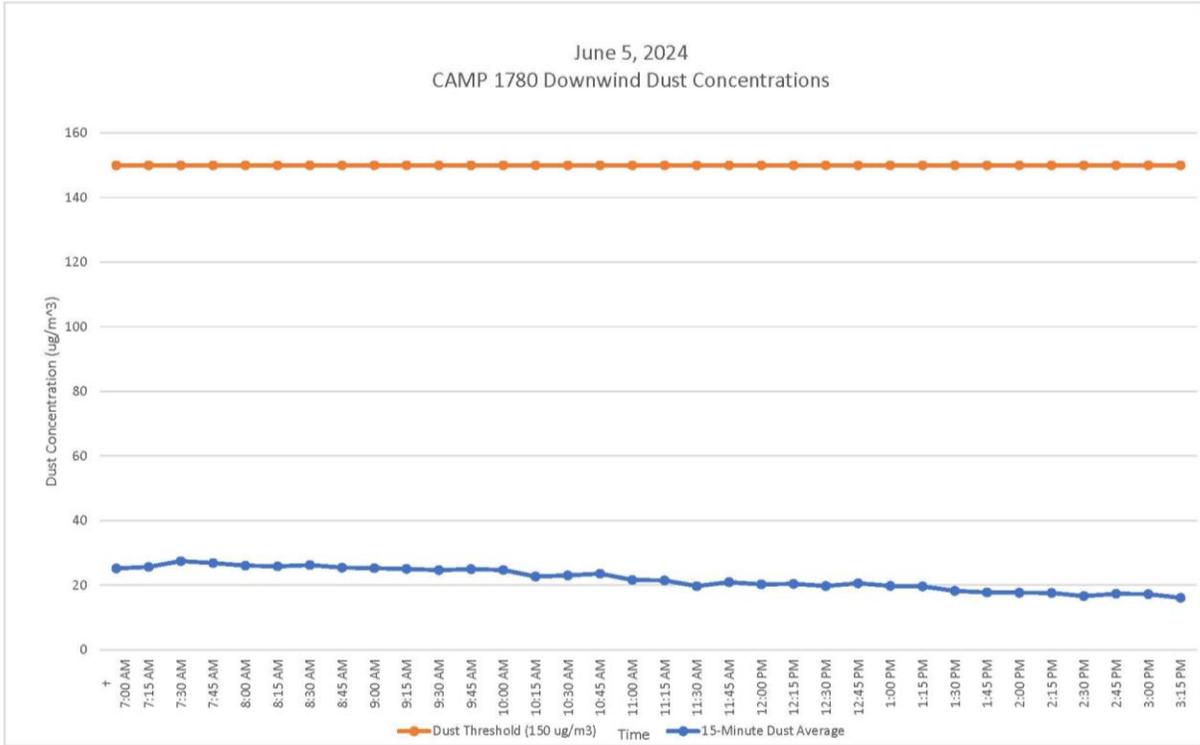




GZA DAILY FIELD SUMMARY 222

DATE: 6/5/2024

FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 222

DATE: 6/5/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 222

DATE: 6/5/2024

FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	44	1,140.23	136	3,194.92	73	2,031.18	9	216.41	278	6,996.46
TOTAL	16	413.72	44	1,140.23	136	3,194.92	73	2,031.18	9	216.41	278	6,996.46



GZA DAILY FIELD SUMMARY 223

DATE: 6/6/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Cloudy
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	73.54°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	67.82°F
		MAX WIND SPEED	15 mph from SSE
		PRECIPITATION	0.38 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Thursday, June 6, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	SRM Concrete
	Lippolis Electrical
	Obar Systems Inc.
SITE VISITORS:	GZA - Jackson Bogach, Selia Gupta
	LERA



GZA DAILY FIELD SUMMARY 223

DATE: 6/6/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Thursday – 6/6/2024

Work Location (Attachment A): Grids A2, A3, A8, A9, A10, B4, B5, B6, B9, B10, C4, C5, C6, C9, C10, and D10.

1. Obar performed Soil Vapor Extraction system pilot test in grids A2 and A3. As part of the test, GZA collected influent and effluent air samples.
2. J&A dismantled the dewatering setup and cleaned the frac tank in grid D10 in preparation for demobilization.
3. J&A excavated around piles and in the SSDS area in grids A8, A9, A10, B9, and B10.
4. J&A performed minor backfilling and grading in the entrance ramp area in grids C9, C10, and D10.
5. J&A performed housekeeping following the removal of formwork in grids A8, A9, and B9. Doka transported removed forms offsite.
6. J&A installed formwork and rebar for the loading dock slab-on-deck in grid A1.
7. Lyndon/Metro installed steel beams and metal decking in grids B4, B5, B6, C4, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volve ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- As part of the Soil Vapor Extraction system pilot test, GZA collected influent and effluent air samples (PT-02, PT-03, and PT-04).

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 16.32 ug/m³

High Conditions – PID: 0.02 ppm, Particulates: 17.55 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 223

DATE: 6/6/2024
FILE NO: 41.0163097.00

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Today	0
Previous	4,156,942
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

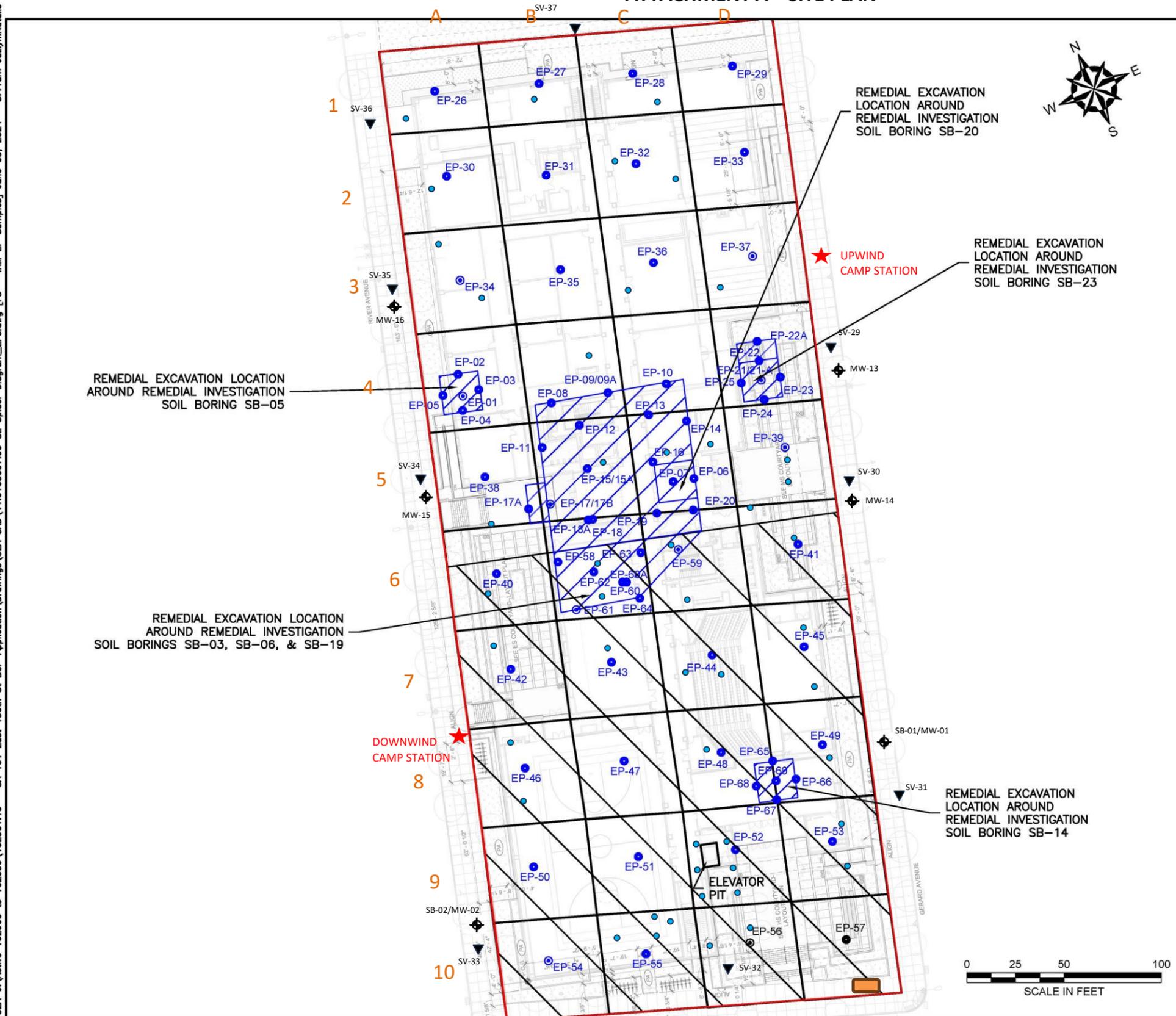


GZA DAILY FIELD SUMMARY 223

DATE: 6/6/2024
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
- APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
- REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
- PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- ★ CAMP STATIONS
- DEWATERING POINTS
- DEWATERING TREATMENT SYSTEM
- ▼ OFF-SITE SOIL VAPOR SAMPLING
- ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION
- ◆ MONITORING WELL LOCATION

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
BRONX, NEW YORK, 10451

INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	DESIGNED BY: RPM	REVIEWED BY: RPM	DATE: JUNE 2024
CHECKED BY: SMK	DRAWN BY: JHB	SCALE: 1"=50'	PROJECT NO: 41.0163097.00
FIGURE 8	REVISION NO. -	SHEET NO.	



GZA DAILY FIELD SUMMARY 223

DATE: 6/6/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Southwest	2	Southwest
	<p>Description: Obar Systems performing Soil Vapor Extraction system pilot test. GZA is collecting air samples from vacuum influent and effluent of GAC filter.</p>		<p>Description: J&A cleaning the dewatering frac tank in grid A10 in preparation for demobilization.</p>
3	Southeast	4	Southwest
	<p>Description: J&A installing rebar and formwork for the loading dock slab-on-deck in grid A1.</p>		<p>Description: Excavation around piles and in the SSDS area in grids A9, A10, B9, and B10.</p>



GZA DAILY FIELD SUMMARY 223

DATE: 6/6/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

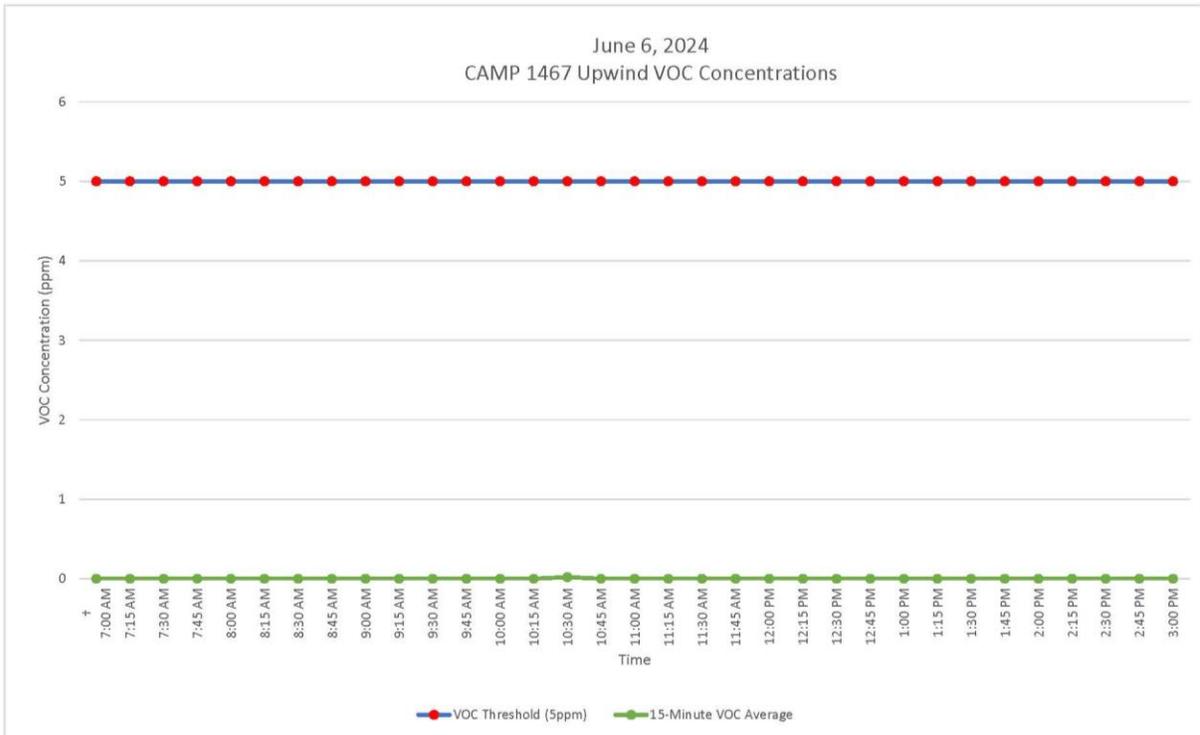
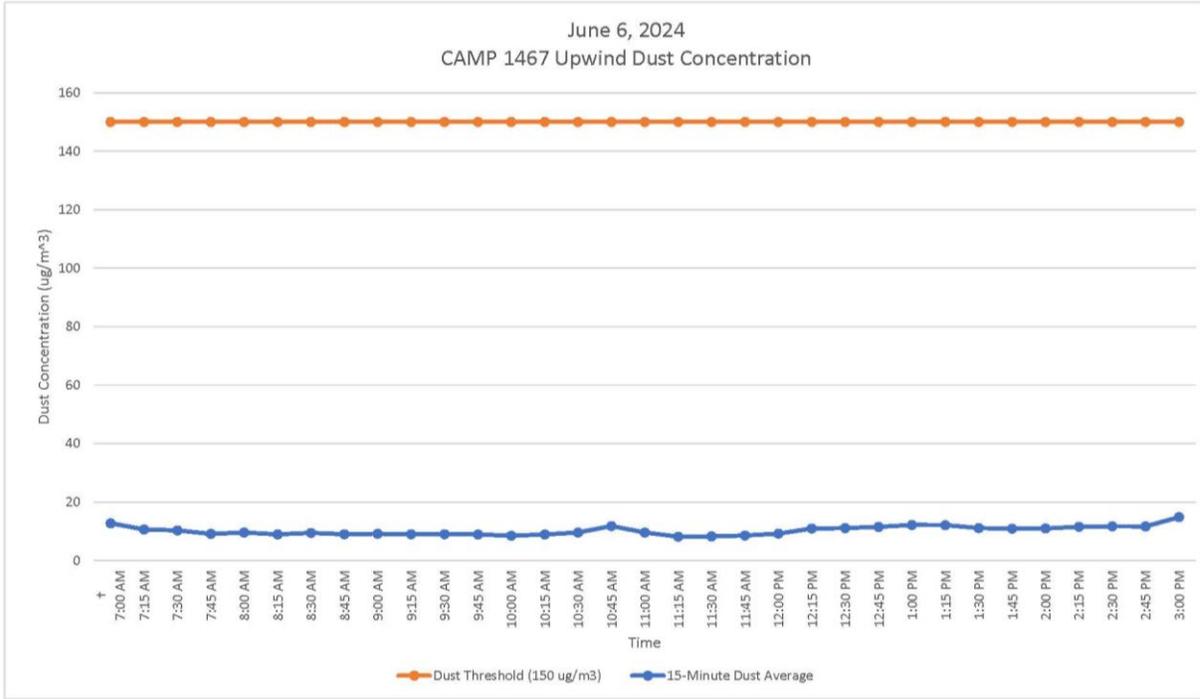
Date: June 6, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____			
Station 2 _____			
Hand Held	PID Model 580	SN: 592-602879	_____
Hand Held	SidePak	SN: 5202136003	_____
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1:	0.0	Data Ram 1:	12.75
PID 2:	0.0	Data Ram 2:	16.32



GZA DAILY FIELD SUMMARY 223

DATE: 6/6/2024

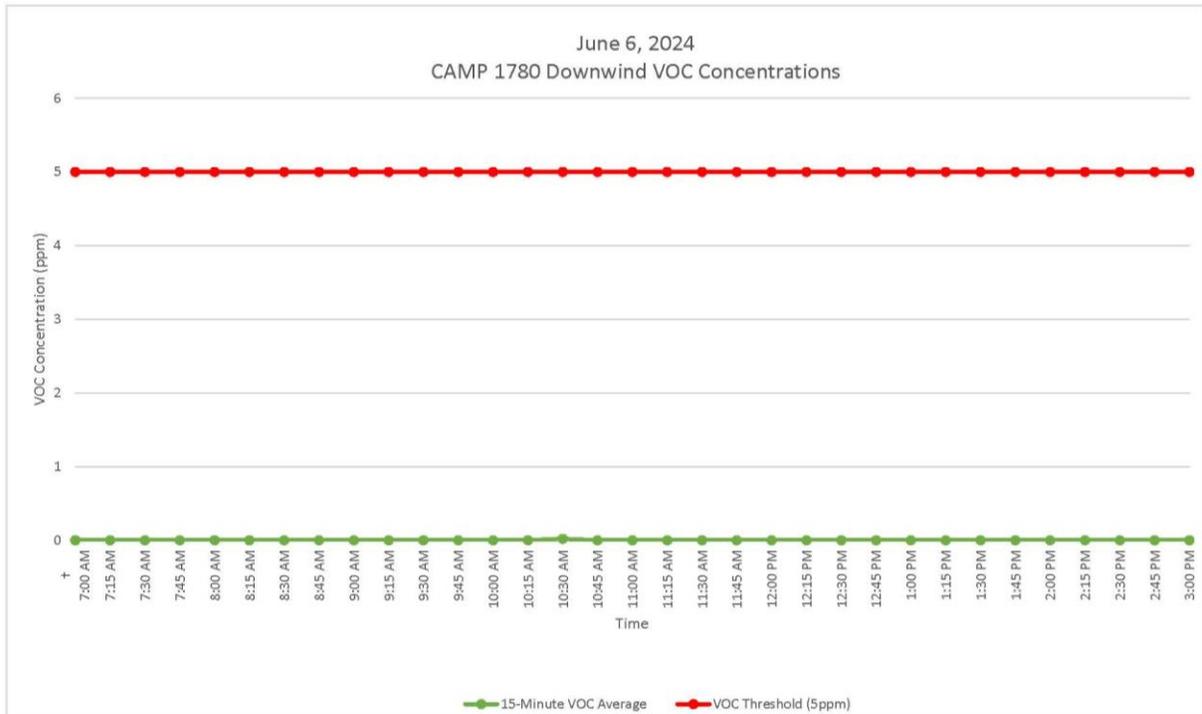
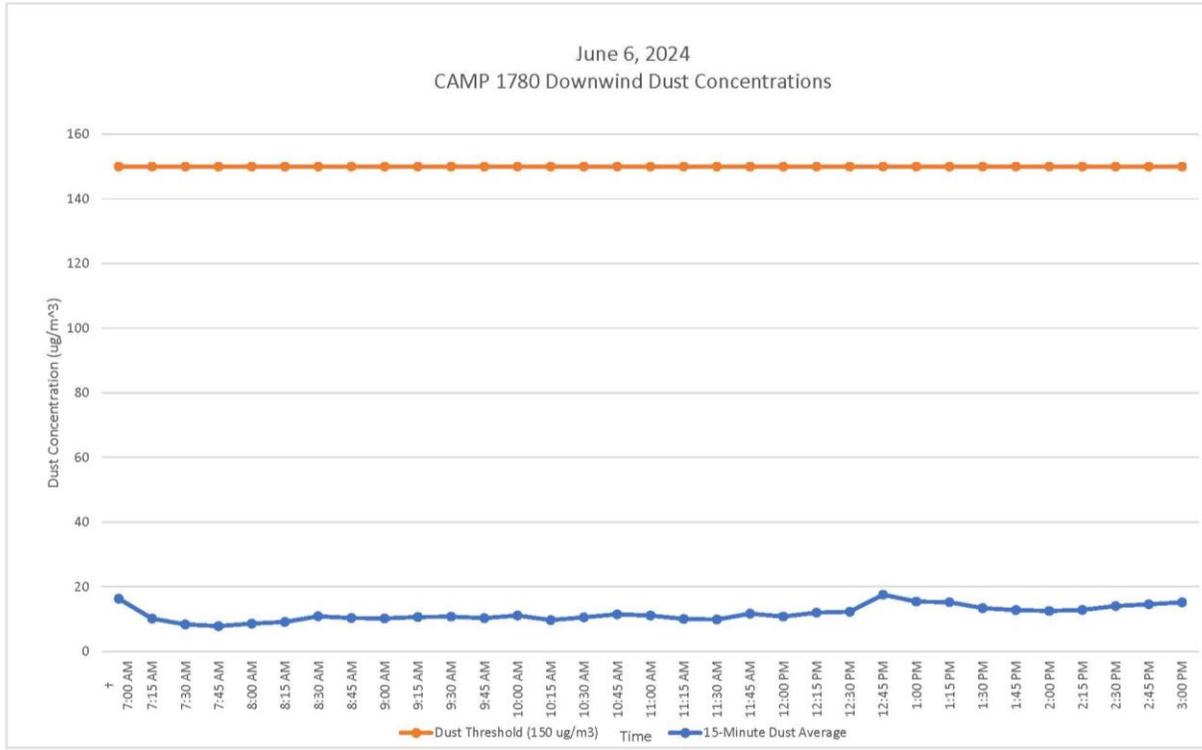
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 223

DATE: 6/6/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 223

DATE: 6/6/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 223

DATE: 6/6/2024

FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS		
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	44	1,140.23	136	3,194.92	73	2,031.18	9	216.41	278	6,996.46	
TOTAL	16	413.72	44	1,140.23	136	3,194.92	73	2,031.18	9	216.41	278	6,996.46	



GZA DAILY FIELD SUMMARY 224

DATE: 6/7/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Clear/Partly Cloudy
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	74.73°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	54.27°F
		MAX WIND SPEED	13 mph from SW
		PRECIPITATION	0.24 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Friday, June 7, 2024	
	PERSONNEL
QEP:	GZA
	Jackson Bogach
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	SRM Concrete
	Lippolis Electrical
SITE VISITORS:	LERA



GZA DAILY FIELD SUMMARY 224

DATE: 6/7/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Friday – 6/7/2024

Work Location (Attachment A): Grids A9, A10, B4, B5, B6, B8, B9, B10, C1, C2, C3, C4, C5, C6, C8, C9, D1, D2, and D3

1. Nine (9) truckloads of ¾" Stone/GPA imported from Wantage Stone Quarry. 233.18 tons were imported to the Site.
2. J&A place Mirafi non-woven Geotextile in grids A9, A10, B9, and B10 and placed clean stone over geotextile.
3. J&A performed excavation and grading around the pile caps and SSDS area in grids B8, B9, C8, and C9.
4. J&A poured concrete slab on the fourth floor in grids C1, C2, C3, D1, D2, and D3.
5. Lyndon/Metro installed steel beams and metal decking in grids B4, B5, B6, C4, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Downwind, 1780– Upwind) with remote telemetry system
- Volvo EC220E Excavator, Volve ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.01 ppm, Particulates: 7.57 ug/m³

High Conditions – PID: 0.01 ppm, Particulates: 20.01 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 224

DATE: 6/7/2024
FILE NO: 41.0163097.00

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- Nine (9) truckloads of ¾" stone/GPA imported from Wantage Stone Quarry. In total, 233.18 tons of stone were imported.

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Today	0
Previous	4,156,942
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

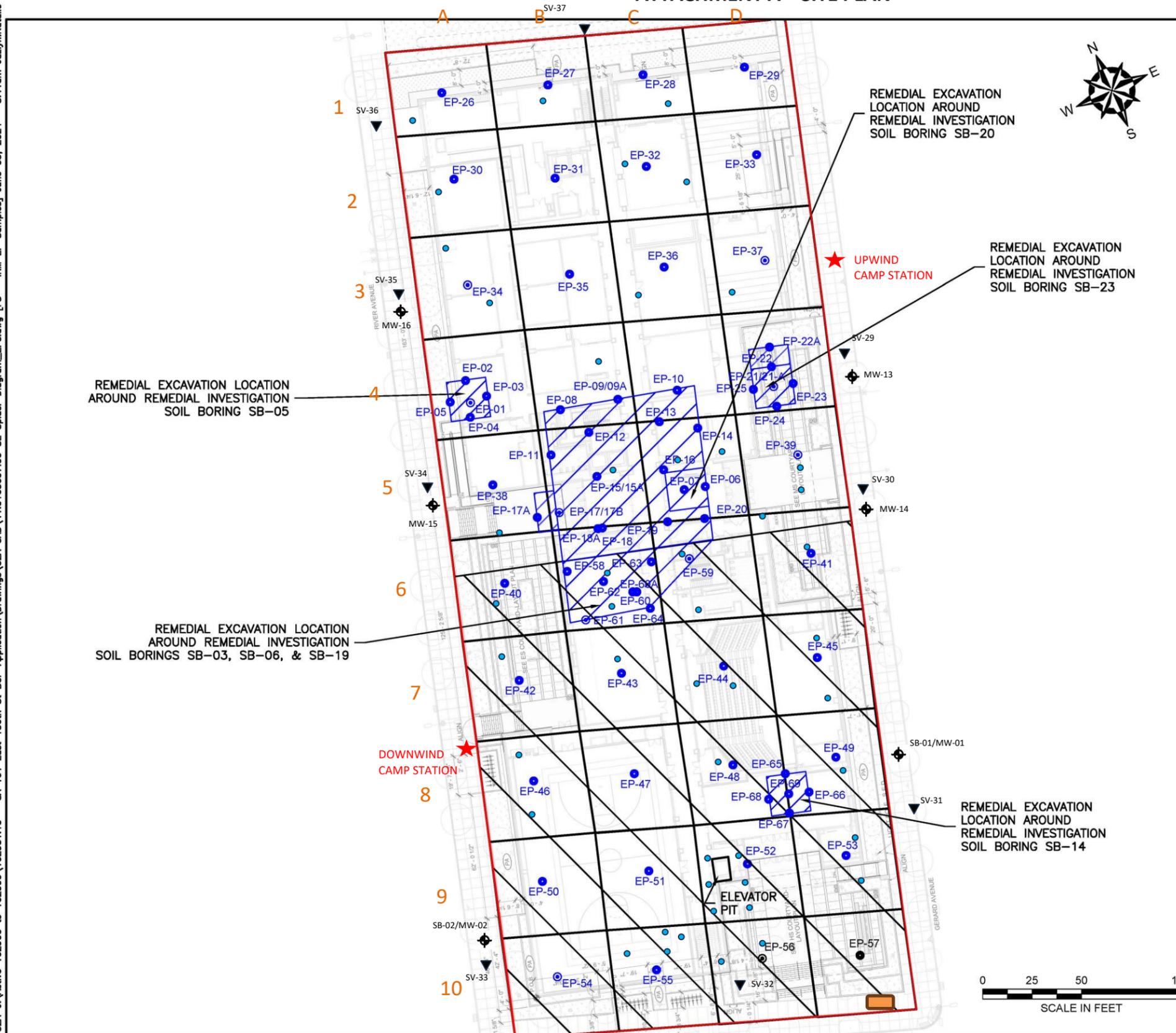


GZA DAILY FIELD SUMMARY 224

DATE: 6/7/2024
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY, GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
- APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
- REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
- PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- ★ CAMP STATIONS
- DEWATERING POINTS
- DEWATERING TREATMENT SYSTEM
- ▼ OFF-SITE SOIL VAPOR SAMPLING
- ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION MONITORING WELL LOCATION

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
 BRONX, NEW YORK, 10451

INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	DESIGNED BY: RPM	REVIEWED BY: RPM	DATE: JUNE 2024
CHECKED BY: SMK	DRAWN BY: JHB	SCALE: 1"=50'	PROJECT NO: 41.0163097.00
FIGURE 8	REVISION NO. -	SHEET NO.	



GZA DAILY FIELD SUMMARY 224

DATE: 6/7/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Northwest	2	Southeast
			
Description: Delivery of clean ¾" stone/GPA.		Description: J&A excavation around pile caps in grid C8.	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	West	4	East
			
Description: Installation of Mirafi non-woven geotextile and placement of clean stone on top in grid A10.		Description: Concrete pour for the fourth-floor slab.	



GZA DAILY FIELD SUMMARY 224

DATE: 6/7/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

Date: June 7, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____			

Station 2 _____			

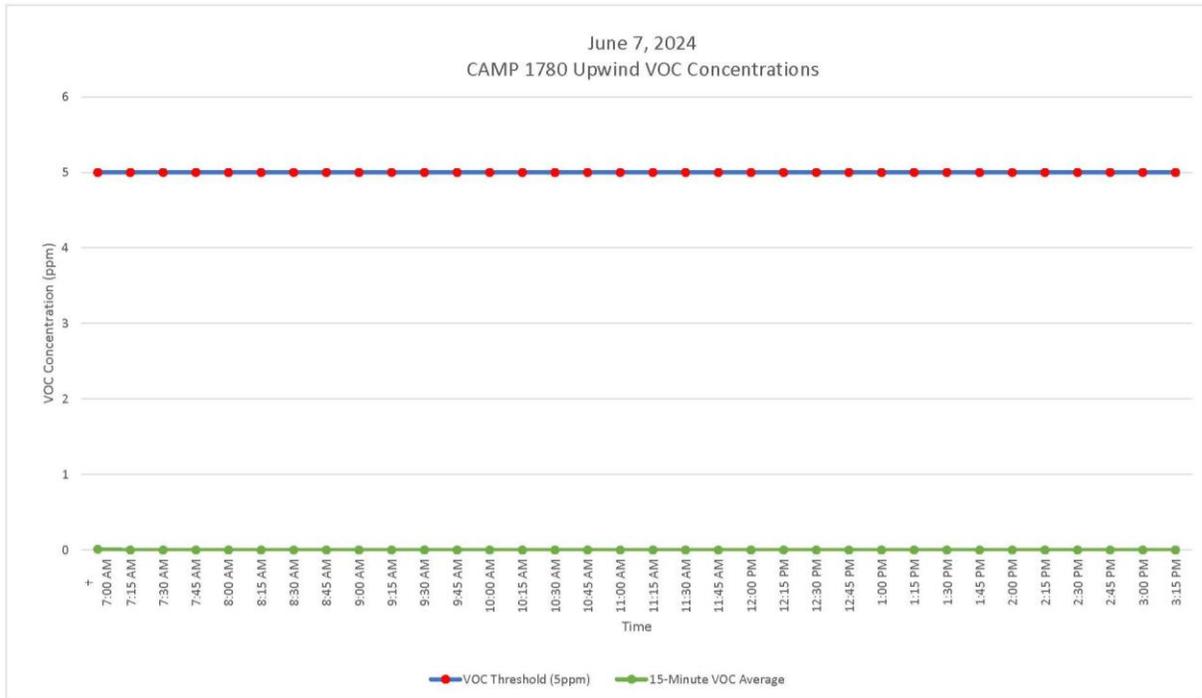
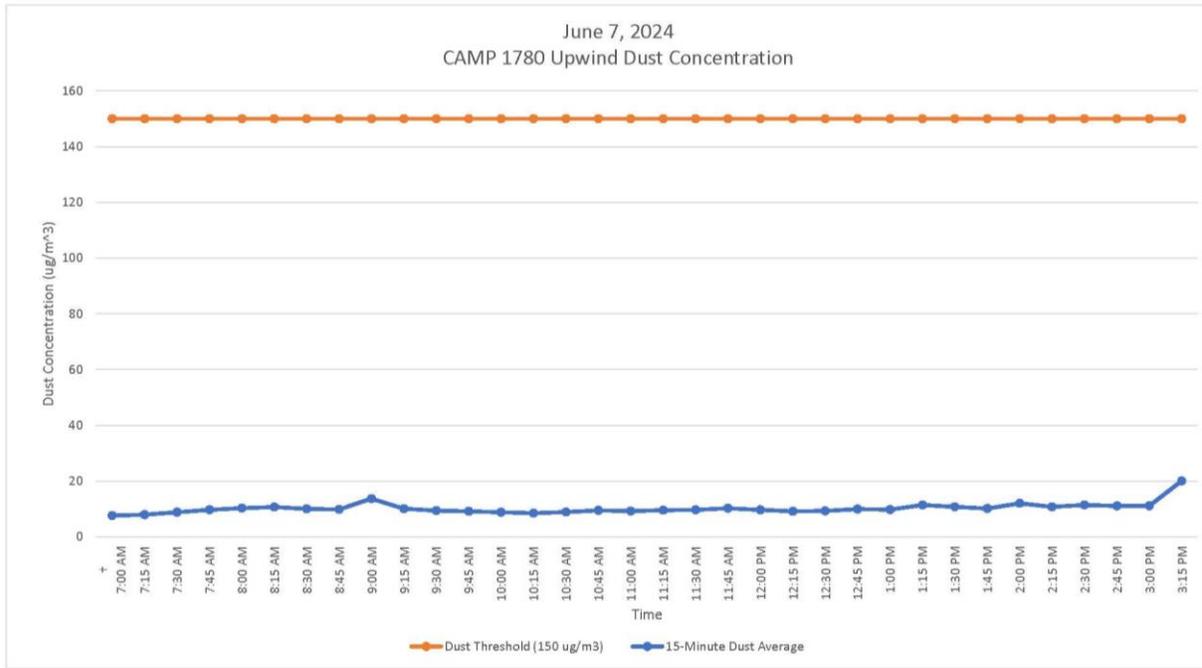
Hand Held	PID Model 580	SN: 592-602879	
	SidePak	SN: 5202136003	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1:	<u>0.1</u>	Data Ram 1:	<u>7.57</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>9.97</u>



GZA DAILY FIELD SUMMARY 224

DATE: 6/7/2024

FILE NO: 41.0163097.00

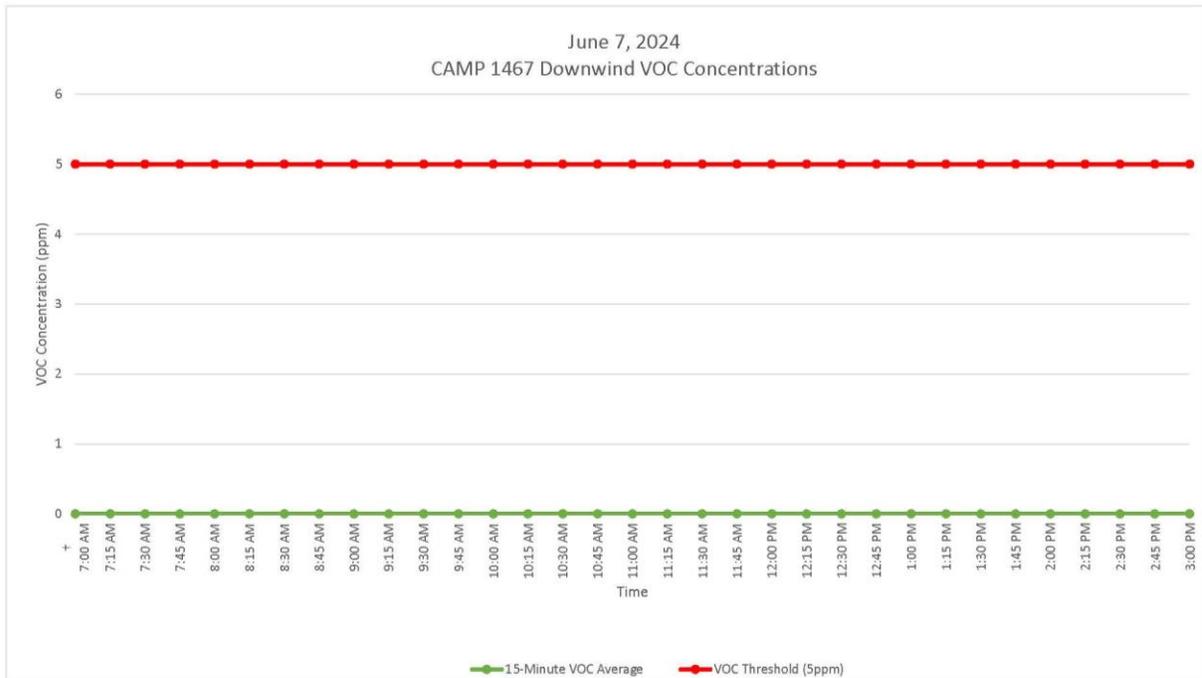
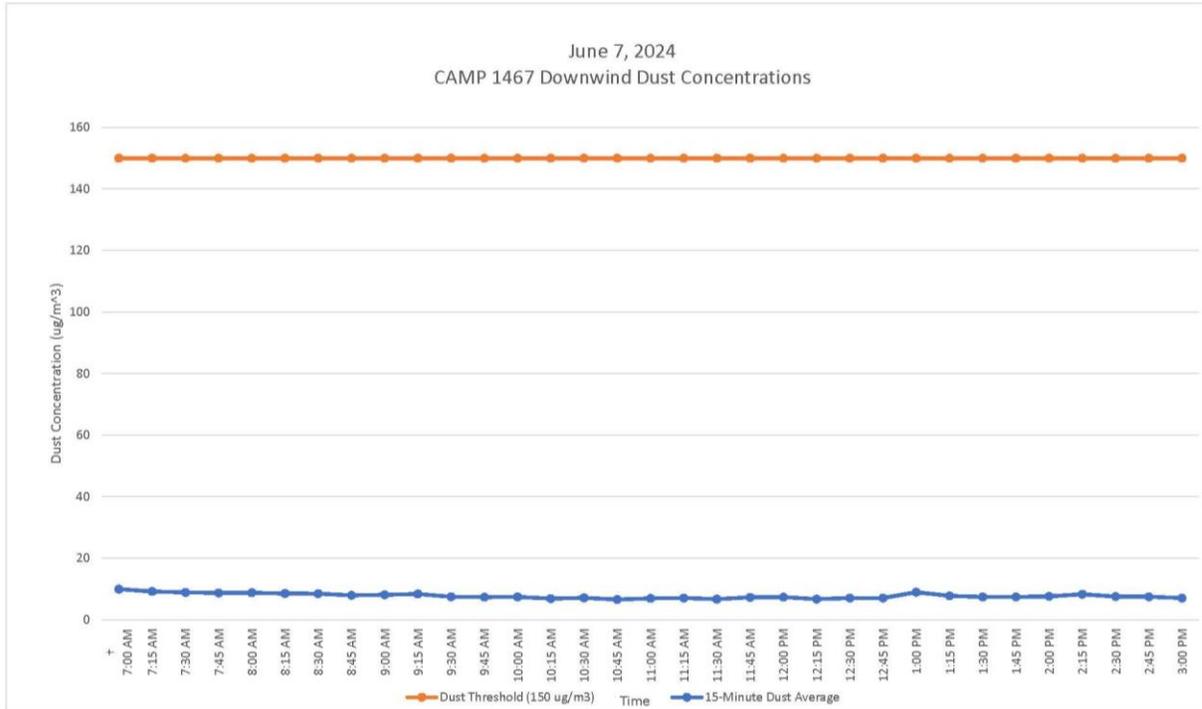




GZA DAILY FIELD SUMMARY 224

DATE: 6/7/2024

FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 224

DATE: 6/7/2024

FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 224

DATE: 6/7/2024

FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	0	0	9	233.18	0	0	9	233.18
Previous	16	413.72	44	1,140.23	136	3,194.92	73	2,031.18	9	216.41	278	6,996.46
TOTAL	16	413.72	44	1,140.23	136	3,194.92	82	2,264.36	9	216.41	287	7,229.64



GZA DAILY FIELD SUMMARY 225

DATE: 6/10/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Mostly Cloudy
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	68.79°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	47.42°F
		MAX WIND SPEED	16 mph from NW
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Monday, June 10, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	LERA
	MRCE



GZA DAILY FIELD SUMMARY 225

DATE: 6/10/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Monday – 6/10/2024

Work Location (Attachment A): Grids A8, A9, A10, B4, B5, B6, B8, B9, B10, C4, C5, C6, C8, C9, C10, and D10.

1. J&A placed Mirafi non-woven Geotextile in grids A8, A9, A10, B8, B9, and B10 and placed clean stone over geotextile.
2. J&A performed excavation and grading around the pile caps and SSDS area in grids B8, B9, C8, and C9.
3. J&A installed one SSDS pit location (SSD-01) in grid C9.
4. J&A performed minor backfilling and grading in the entrance ramp area in grids C9 and C10.
5. The dewatering equipment stored in grid D10 was transported offsite. J&A assisted with loading the dewatering equipment onto flatbed truck.
6. Lyndon/Metro installed steel beams and metal decking in grids B4, B5, B6, C4, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Downwind, 1780– Upwind) with remote telemetry system
- Volvo EC220E Excavator, Volvo ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.01 ppm, Particulates: 6.80 ug/m³

High Conditions – PID: 1.97 ppm, Particulates: 10.51 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 225

DATE: 6/10/2024
FILE NO: 41.0163097.00

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

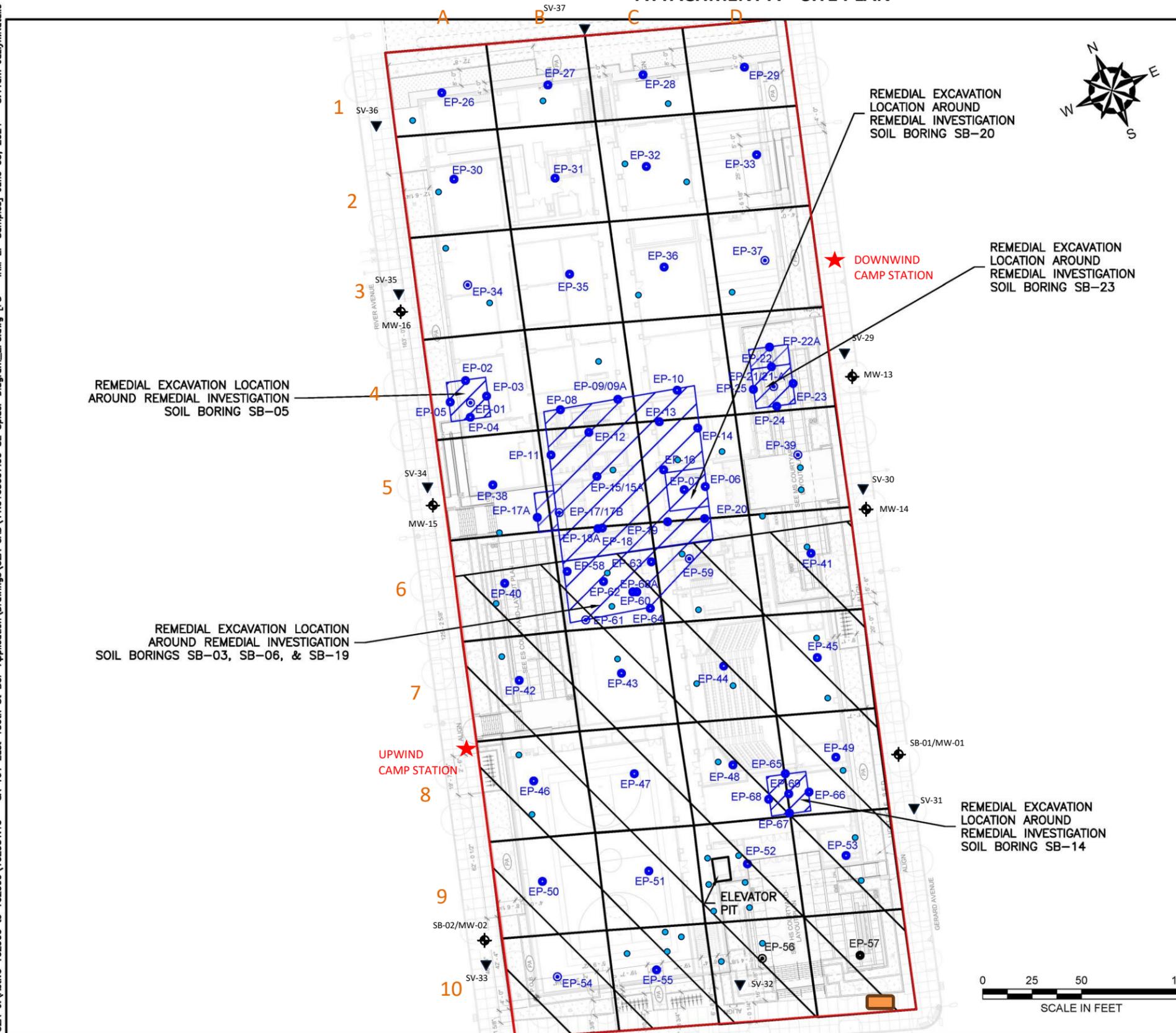


GZA DAILY FIELD SUMMARY 225

DATE: 6/10/2024
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
 GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazbyn.Natalie



- ### GENERAL NOTES
1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
 2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
 3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

- ### LEGEND
- APPROXIMATE SITE BOUNDARY
 - EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
 - APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
 - REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
 - PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - ★ CAMP STATIONS
 - DEWATERING POINTS
 - DEWATERING TREATMENT SYSTEM
 - ▼ OFF-SITE SOIL VAPOR SAMPLING
 - ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION
 - ◆ MONITORING WELL LOCATION

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
 BRONX, NEW YORK, 10451

INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM DESIGNED BY: RPM DATE: JUNE 2024	REVIEWED BY: RPM DRAWN BY: JHB PROJECT NO: 41.0163097.00	CHECKED BY: SMK SCALE: 1"=50' REVISION NO: -	FIGURE 8 SHEET NO.





GZA DAILY FIELD SUMMARY 225

DATE: 6/10/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Southwest	2	Southwest
			
Description: J&A backfilling and grading in the entrance ramp area in grids C9 and C10.		Description: Installation of Mirafi non-woven geotextile and placement of clean stone on top in grid A8, A9, and A10.	
3	Southeast	4	South
			
Description: J&A securing wire mesh around precast concrete plates at an SSDS pit location (SSD-01) in grid C9.		Description: J&A loading the flatbed truck with dewatering equipment for transport offsite.	



GZA DAILY FIELD SUMMARY 225

DATE: 6/10/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

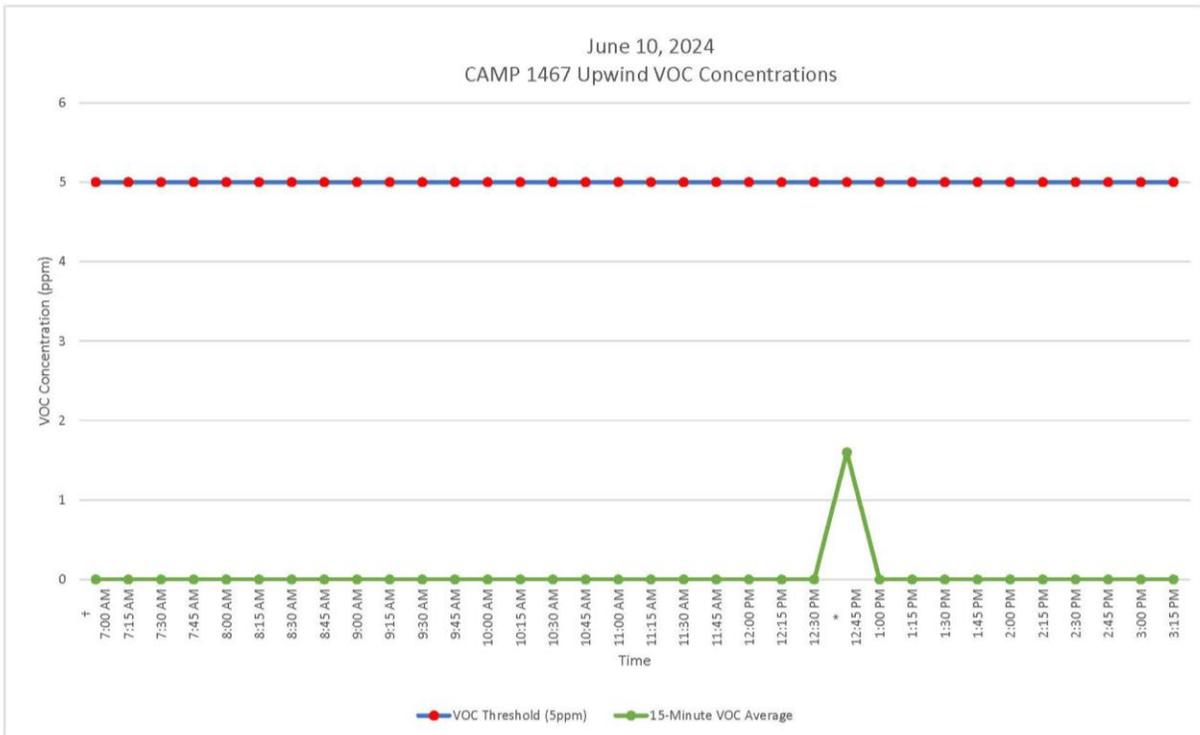
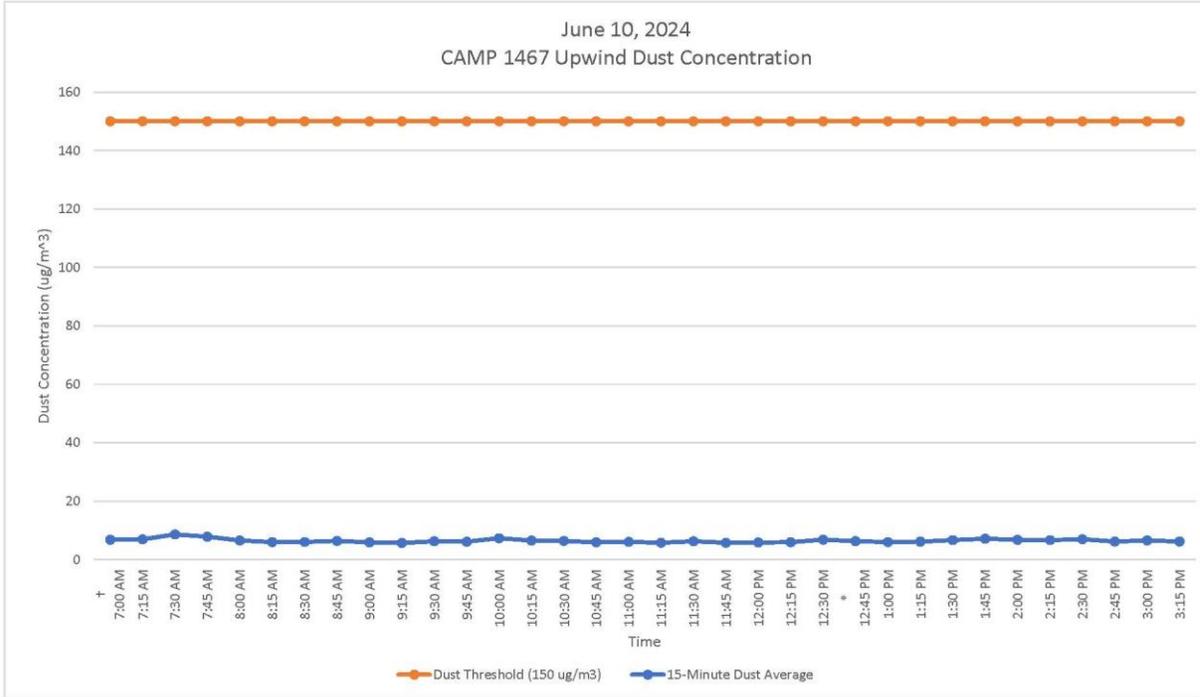
Date: June 10, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____		_____	
Station 2 _____		_____	
_____		_____	
Hand Held _____		_____	
Hand Held	PID Model 580	SN: 592-602879	
	SidePak	SN: 5202136003	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>6.80</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>4.22</u>



GZA DAILY FIELD SUMMARY 225

DATE: 6/10/2024

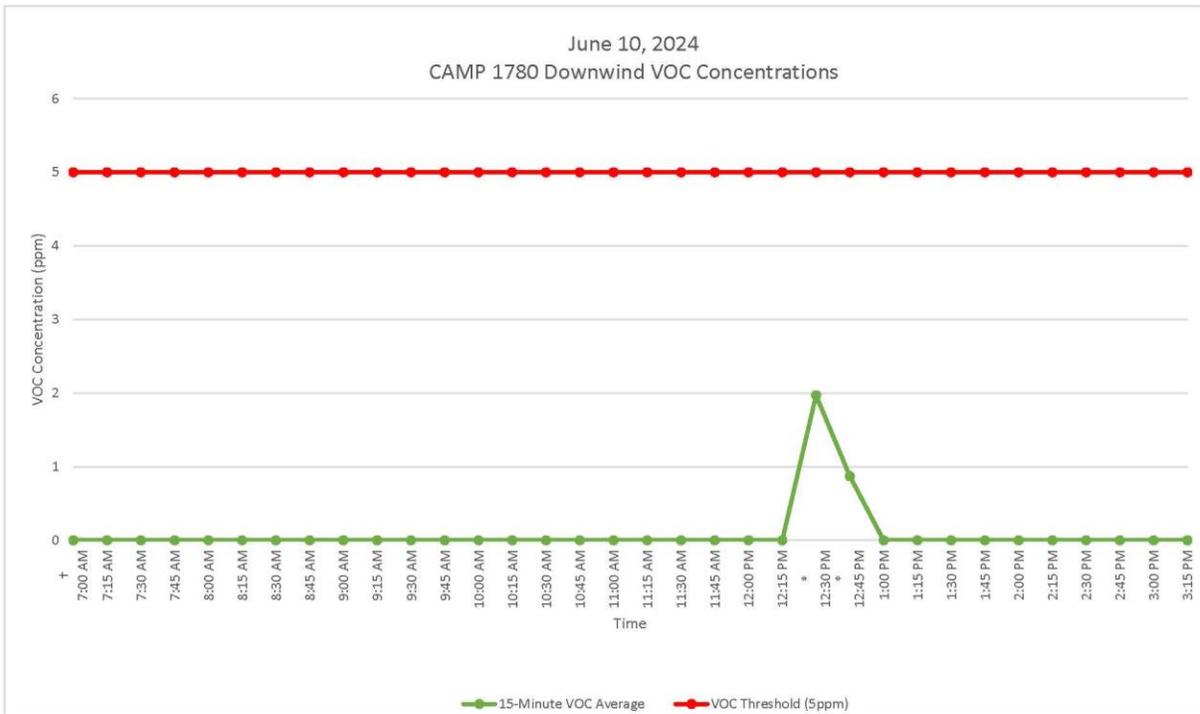
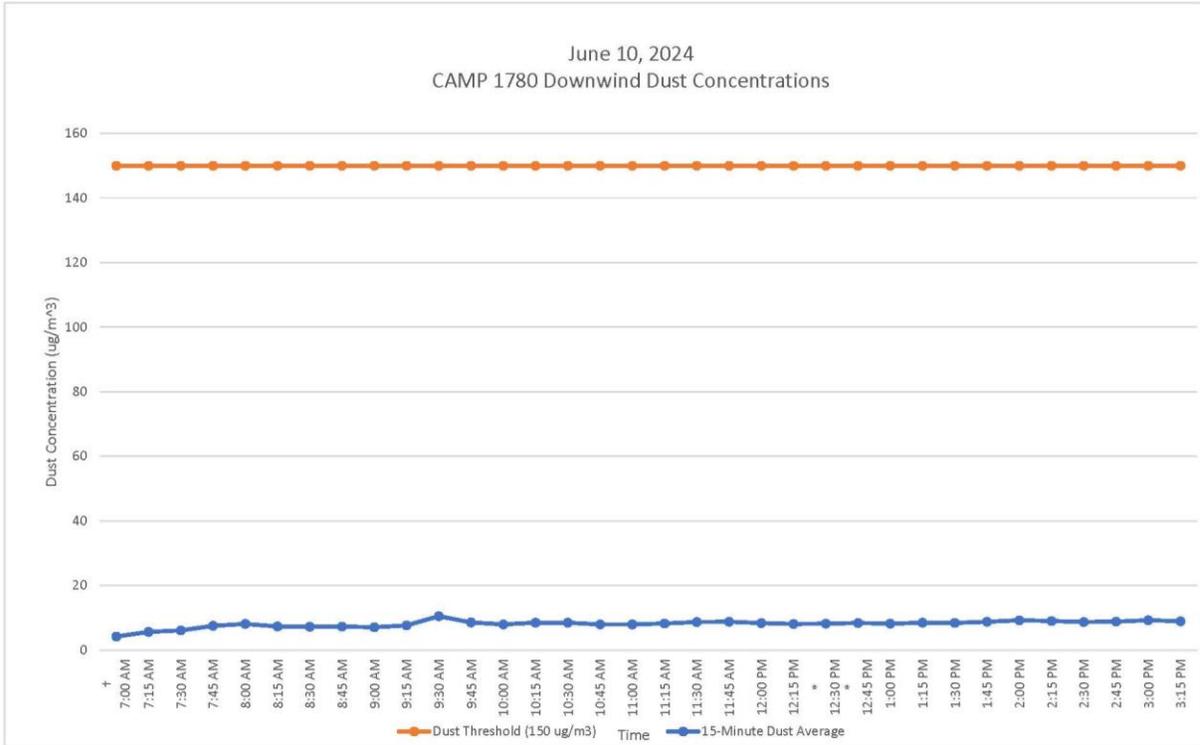
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 225

DATE: 6/10/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 225

DATE: 6/10/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 225

DATE: 6/10/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	44	1,140.23	136	3,194.92	82	2,264.36	9	216.41	287	7,229.64
TOTAL	16	413.72	44	1,140.23	136	3,194.92	82	2,264.36	9	216.41	287	7,229.64



GZA DAILY FIELD SUMMARY 226

DATE: 6/11/2024
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Jazlyn Natalie (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Mostly Cloudy
AVE. TEMPERATURE 67.46°F
AVE. DEW POINT 50.42°F
MAX WIND SPEED 10 mph from NNW
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Daily Calibration and Air Monitoring Logs
D – Excavated Material Disposal Log
E – Imported Materials Log

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Tuesday, June 11, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
	Crown Waterproofing
SITE VISITORS:	LERA
	MRCE
	DBI: Ricky Gautier, Carlos Talero
	SOM: Sabrina Shen
	Success Academy: Richard Gladstone



GZA DAILY FIELD SUMMARY 226

DATE: 6/11/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 6/11/2024

Work Location (Attachment A): Grids A8, A9, A10, B4, B5, B6, B8, B9, B10, C4, C5, and C6.

1. AWS installed SSDS piping at SSD-01 in grid B9.
2. Crown installed PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids A8, A9, A10, B8, B9, and B10. Seams and penetrations were sealed with PREPRUFE Tape LT and/or BITUTHENE® Liquid Membrane.
3. J&A poured concrete into a pile in grid B8.
4. J&A performed housekeeping in grids B9 and B10.
5. Lyndon/Metro installed steel beams and metal decking in grids B4, B5, B6, C4, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volvo ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 7.01 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 9.67 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 226

DATE: 6/11/2024
FILE NO: 41.0163097.00

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

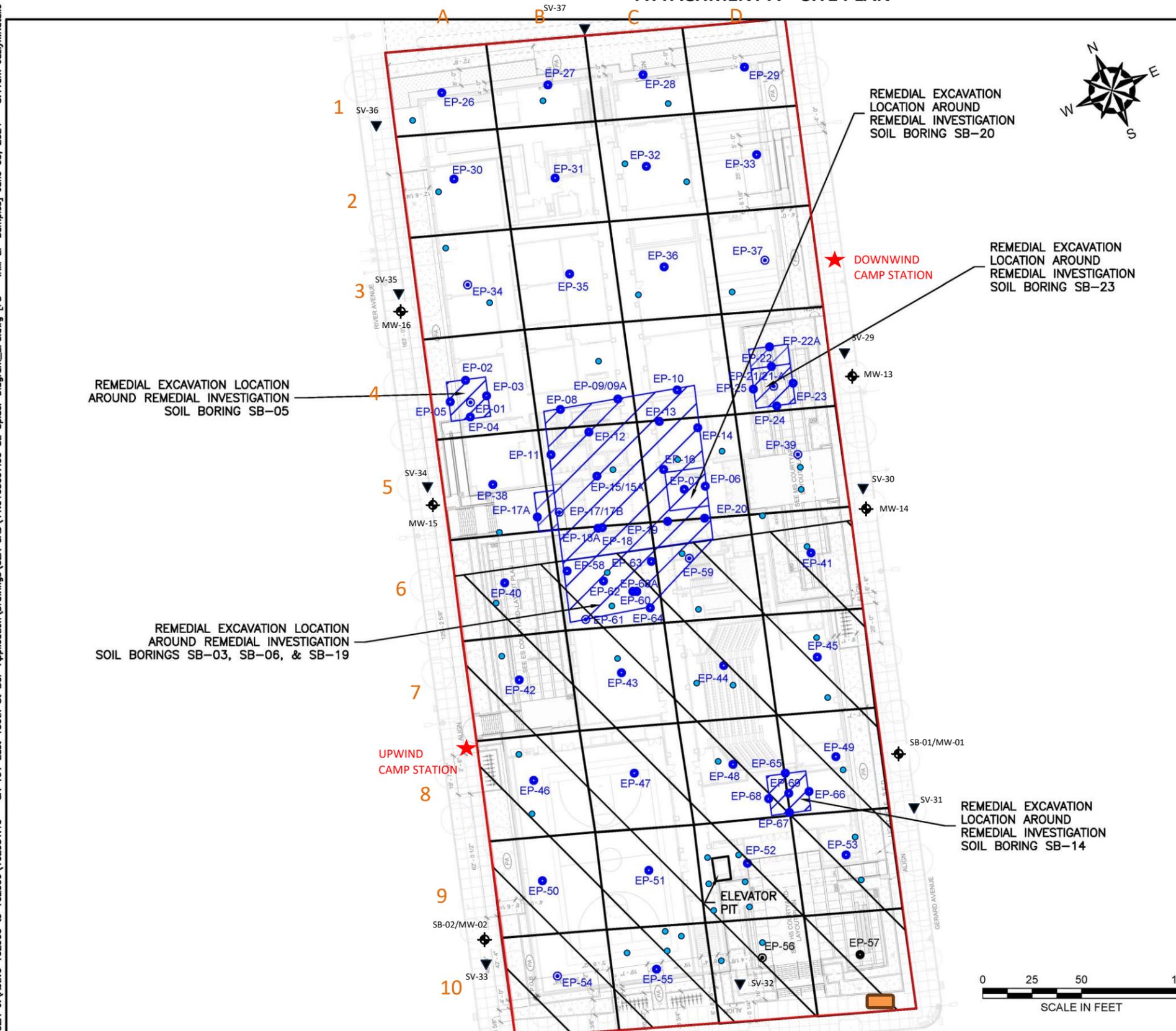


GZA DAILY FIELD SUMMARY 226

DATE: 6/11/2024
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY, GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



- GENERAL NOTES**
1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
 2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
 3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

- LEGEND**
- APPROXIMATE SITE BOUNDARY
 - EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
 - APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
 - REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
 - PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - ★ CAMP STATIONS
 - DEWATERING POINTS
 - DEWATERING SETTLING TANK
 - ▼ OFF-SITE SOIL VAPOR SAMPLING
 - ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION MONITORING WELL LOCATION

NO.		ISSUE/DESCRIPTION		BY	DATE
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.					
101 EAST 150TH STREET BRONX, NEW YORK, 10451					
INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN					
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com			PREPARED FOR: 586 RIVER AVE., LLC		
PROJ MGR: RPM	DESIGNED BY: RPM	DATE: JUNE 2024	REVIEWED BY: RPM	DRAWN BY: JHB	PROJECT NO: 41.0163097.00
			CHECKED BY: SMK	SCALE: 1"=50'	REVISION NO: -
					FIGURE 8 SHEET NO.



GZA DAILY FIELD SUMMARY 226

DATE: 6/11/2024
 FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Southwest	2	Southwest
			
<p>Description: J&A performing housekeeping at the beginning of the day.</p>		<p>Description: Crown installing PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids A8, A9, and A10.</p>	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	Northwest	4	North
			
<p>Description: J&A pouring concrete into a pile in grid B8.</p>		<p>Description: SSDS piping installed at SSD-01 in grid B9.</p>	



GZA DAILY FIELD SUMMARY 226

DATE: 6/11/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

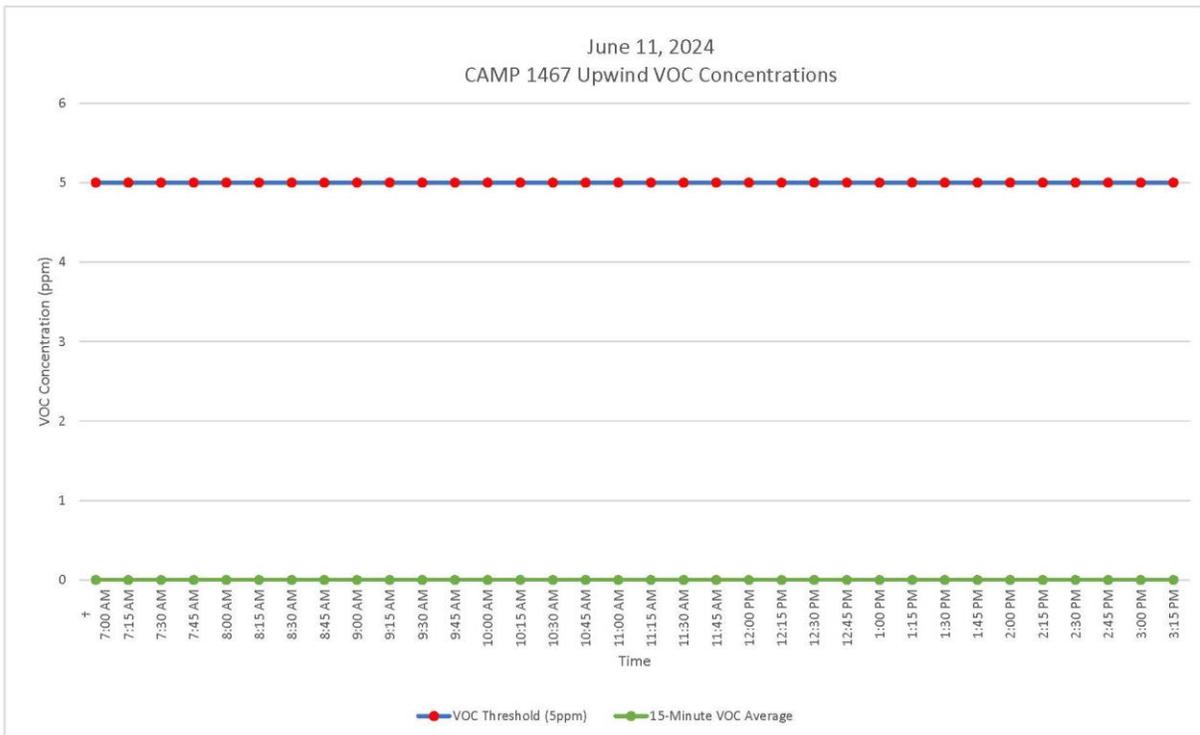
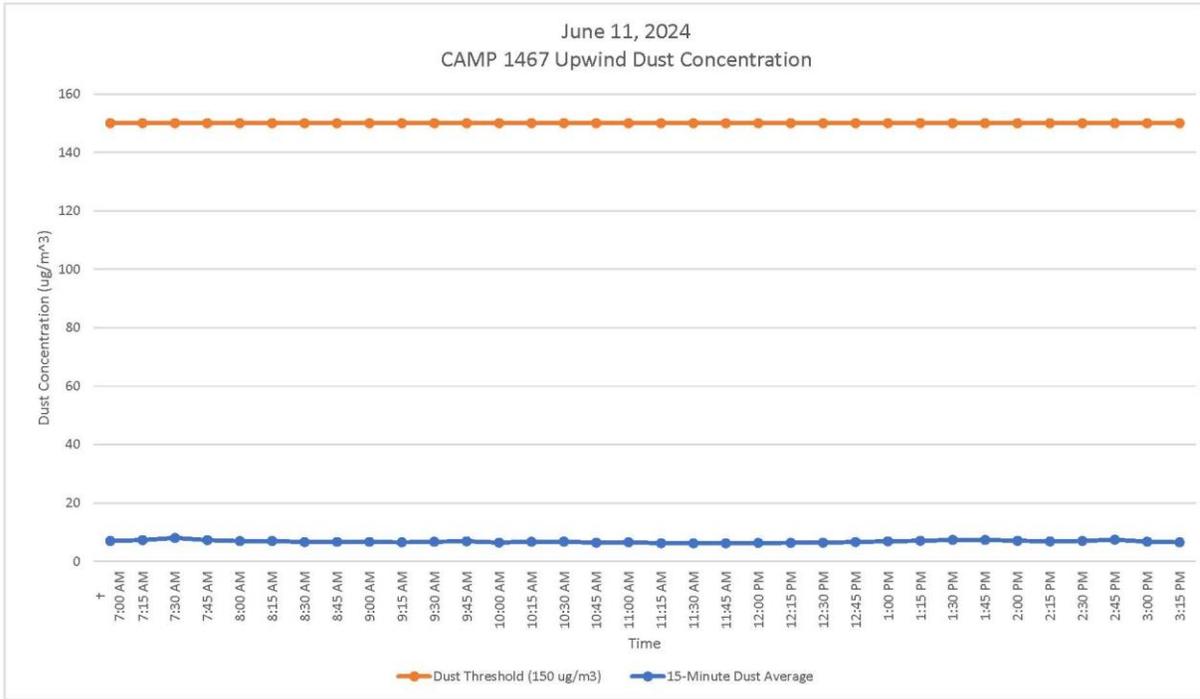
Date: June 11, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____			
Station 2 _____			
Hand Held _____			
PID Model 580 SN: 592-602879			
SidePak SN: 5202136003			
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Rams: Zero			
1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1:	0.0	Data Ram 1:	7.01
PID 2:	0.0	Data Ram 2:	5.53



GZA DAILY FIELD SUMMARY 226

DATE: 6/11/2024

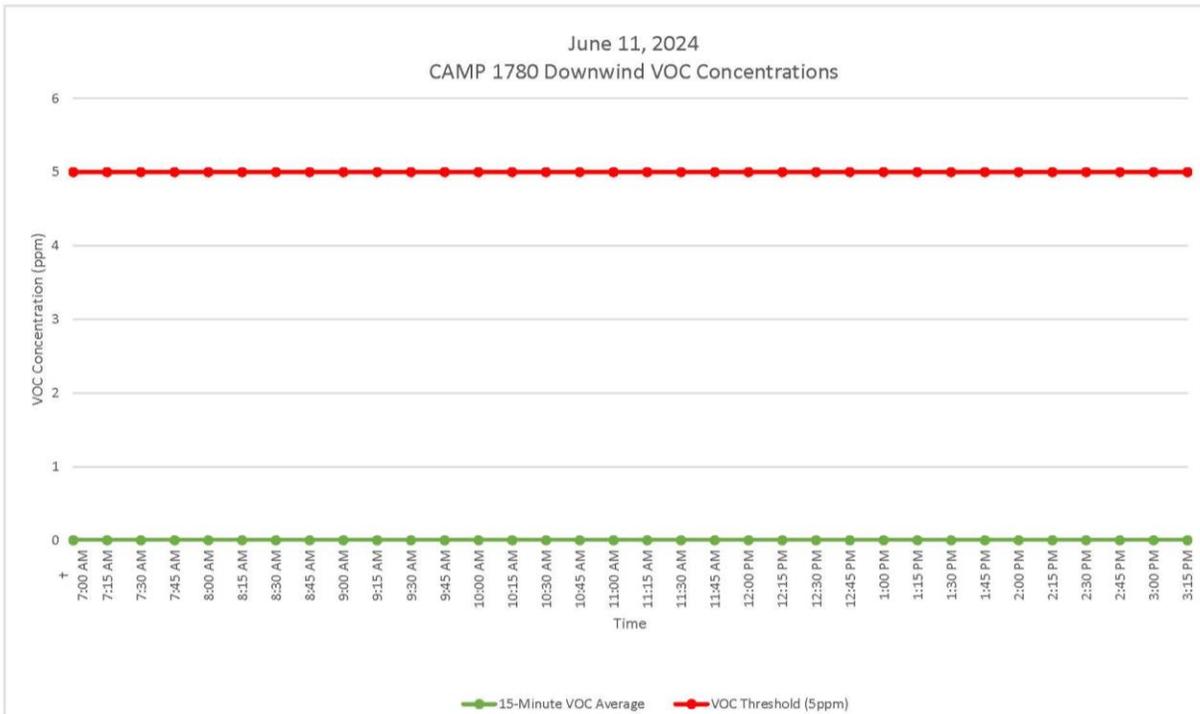
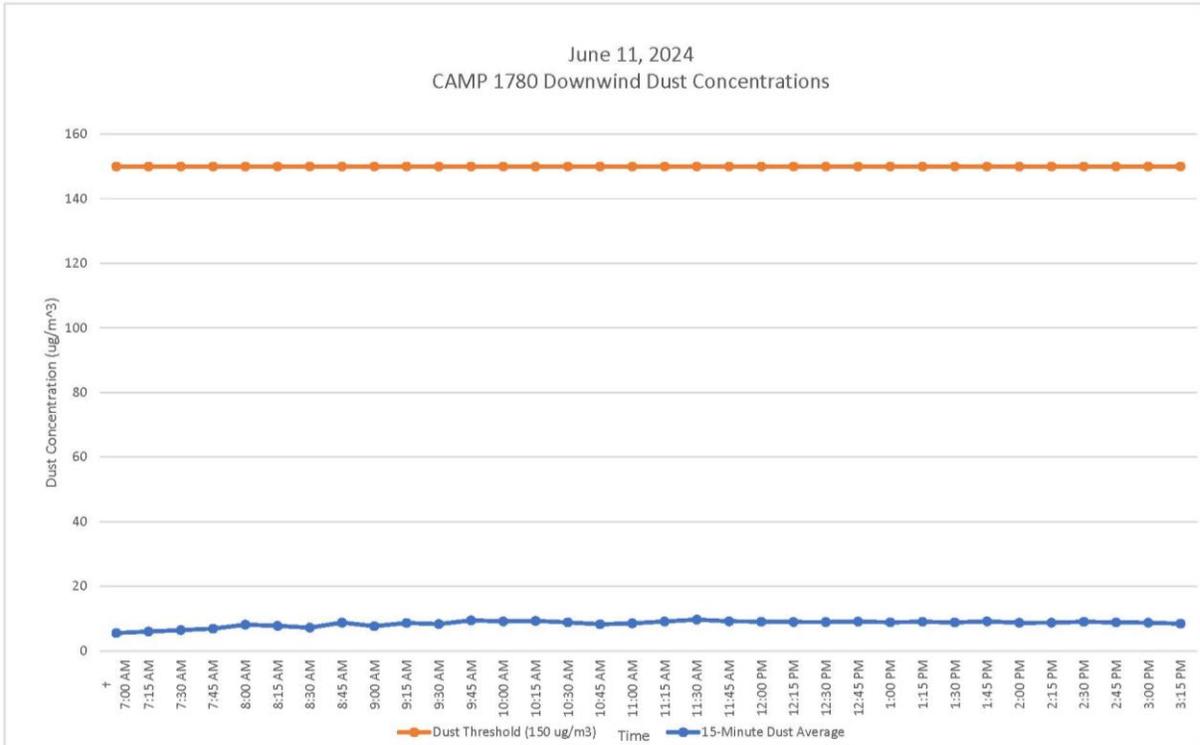
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 226

DATE: 6/11/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 226

DATE: 6/11/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 226

DATE: 6/11/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	44	1,140.23	136	3,194.92	82	2,264.36	9	216.41	287	7,229.64
TOTAL	16	413.72	44	1,140.23	136	3,194.92	82	2,264.36	9	216.41	287	7,229.64



GZA DAILY FIELD SUMMARY 227

DATE: 6/12/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Mostly Cloudy
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	69.96°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	51.63°F
		MAX WIND SPEED	13 mph from S
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.00 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		
	D – Excavated Material Disposal Log		
	E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Wednesday, June 12, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
	Crown Waterproofing
SITE VISITORS:	LERA
	MRCE



GZA DAILY FIELD SUMMARY 227

DATE: 6/12/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 6/12/2024

Work Location (Attachment A): Grids A1, A2, A3, A8, A9, A10, B1, B2, B3 B4, B5, B6, B8, B9, B10, C4, C5, and C6.

1. Crown installed PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids A8, A9, A10, B8, B9, and B10. Seams and penetrations were sealed with PREPRUFE Tape LT and/or BITUTHENE® Liquid Membrane.
2. Crown Waterproofing installed BITUTHENE System 4000 waterproofing/vapor barrier on the outer surface of the foundation walls in grids A10 and B10. Seams and penetrations were sealed with BITUTHENE® Liquid Membrane.
3. J&A poured concrete for the third story slab-on-deck in grids A1, A2, A3, B1, B2, and B3.
4. Lyndon/Metro installed steel beams and metal decking in grids B4, B5, B6, C4, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volve ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 8.33 ug/m³

High Conditions – PID: 0.01 ppm, Particulates: 28.64 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.



GZA DAILY FIELD SUMMARY 227

DATE: 6/12/2024
FILE NO: 41.0163097.00

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

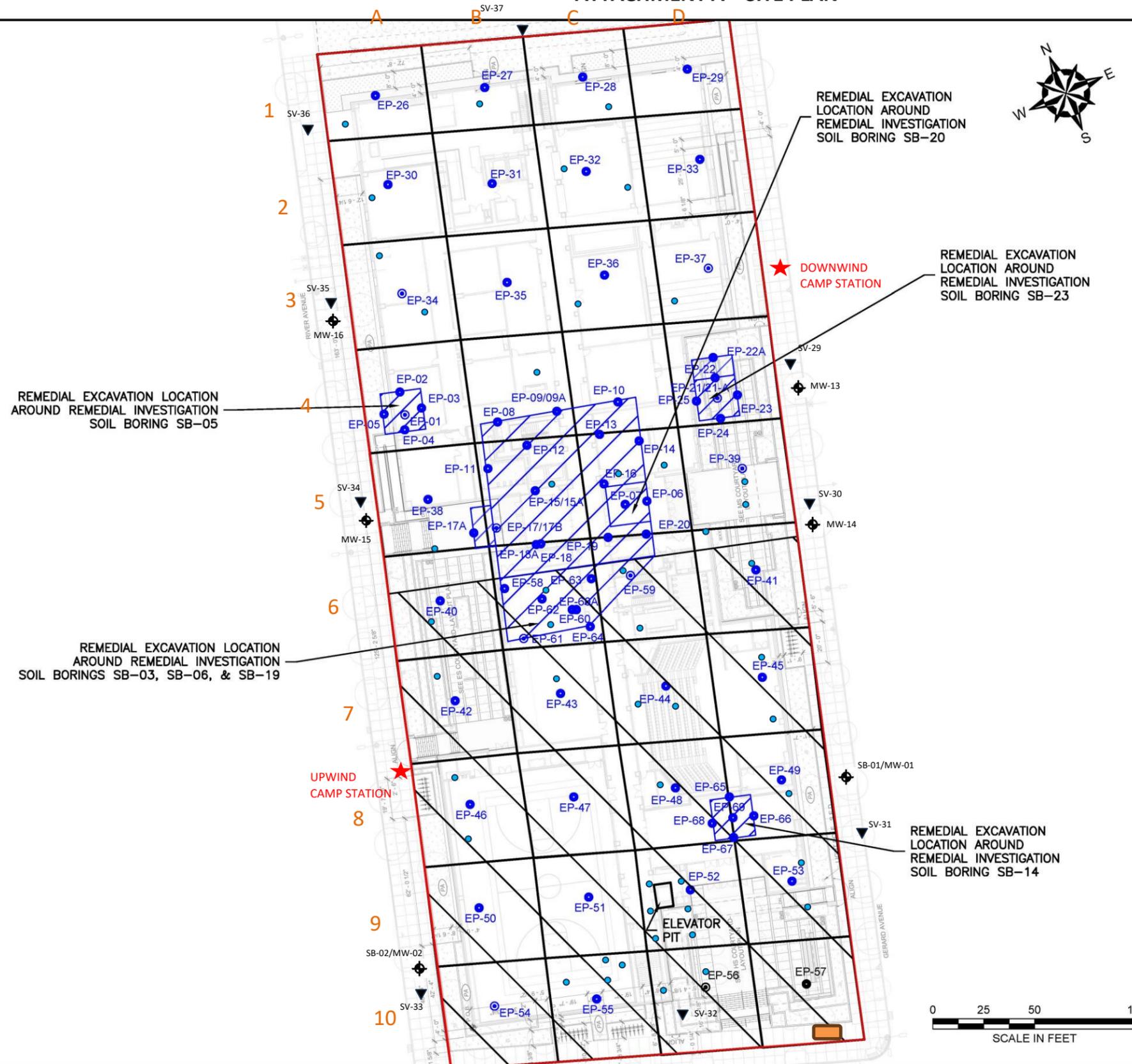


GZA DAILY FIELD SUMMARY 227

DATE: 6/12/2024
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY, GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EP.s.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



- GENERAL NOTES**
1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
 2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
 3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

- LEGEND**
- APPROXIMATE SITE BOUNDARY
 - EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
 - APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
 - REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
 - PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - ★ CAMP STATIONS
 - DEWATERING POINTS
 - DEWATERING SETTLING TANK
 - ▼ OFF-SITE SOIL VAPOR SAMPLING
 - ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION
 - ◆ MONITORING WELL LOCATION

NO.		ISSUE/DESCRIPTION		BY	DATE
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.					
101 EAST 150TH STREET BRONX, NEW YORK, 10451					
INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN					
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com			PREPARED FOR: 586 RIVER AVE., LLC		
PROJ MGR: RPM	DESIGNED BY: RPM	REVIEWED BY: RPM	CHECKED BY: SMK	FIGURE	
DATE: JUNE 2024	DRAWN BY: JHB	PROJECT NO: 41.0163097.00	SCALE: 1"=50'	8	
			REVISION NO.:	SHEET NO.	



GZA DAILY FIELD SUMMARY 227

DATE: 6/12/2024
 FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Southwest	2	Southwest
			
Description: J&A pouring concrete for the third story slab-on-deck in grids A1, A2, A3, B1, B2, and B3.		Description: PREPRUFE 300R Plus waterproofing/vapor barrier installed at the slab-on-grade locations in grids A8, A9, A10, B8, B9, and B10.	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	Northeast	4	West
			
Description: Crown Waterproofing installing BITUTHENE System 4000 waterproofing/vapor barrier on the outer surface of the foundation walls in grid A10.		Description: Crown Waterproofing installing BITUTHENE System 4000 waterproofing/vapor barrier on the outer surface of the foundation walls in grids A10 and B10.	



GZA DAILY FIELD SUMMARY 227

DATE: 6/12/2024
FILE NO: 41.0163097.00

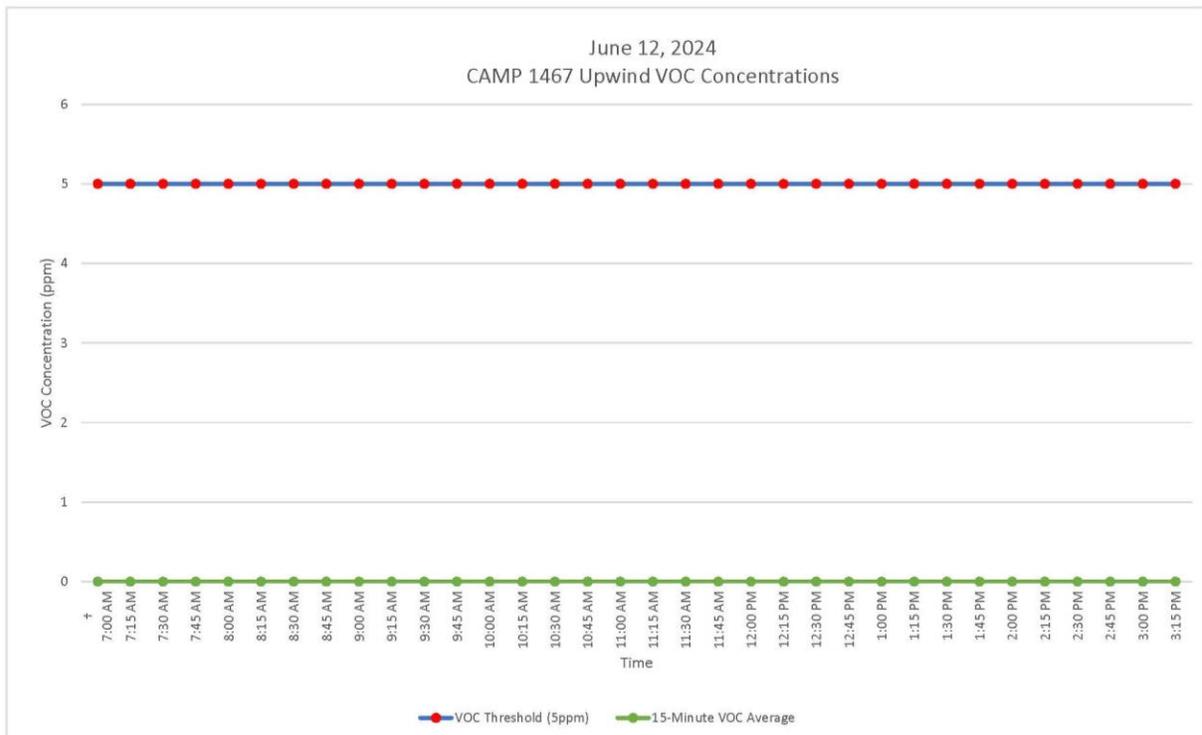
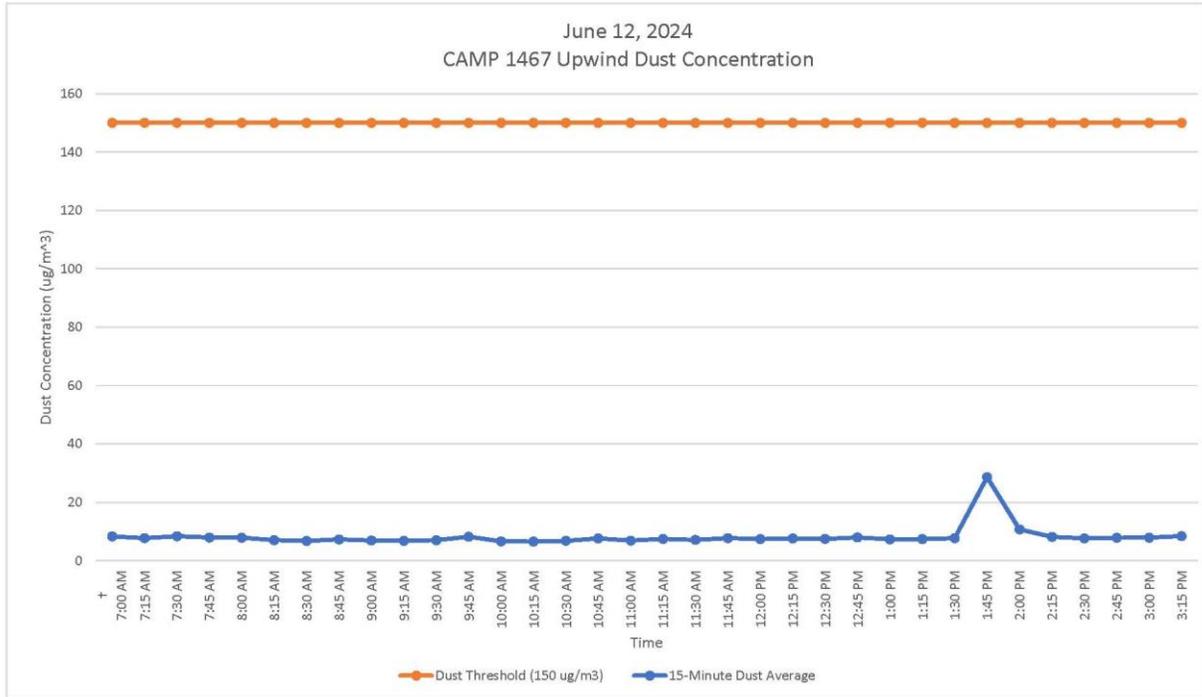
ATTACHMENT C – AIR MONITORING Daily Instrument Calibration Log

Date: June 12, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1			
_____		_____	
_____		_____	
Station 2			
_____		_____	
_____		_____	
_____		_____	
_____		_____	
Hand Held	PID Model 580	SN: 592-602879	_____
	SidePak	SN: 5202136003	_____
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs:		Results/Comments:	
Instrument:		_____	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>8.33</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>5.73</u>



GZA DAILY FIELD SUMMARY 227

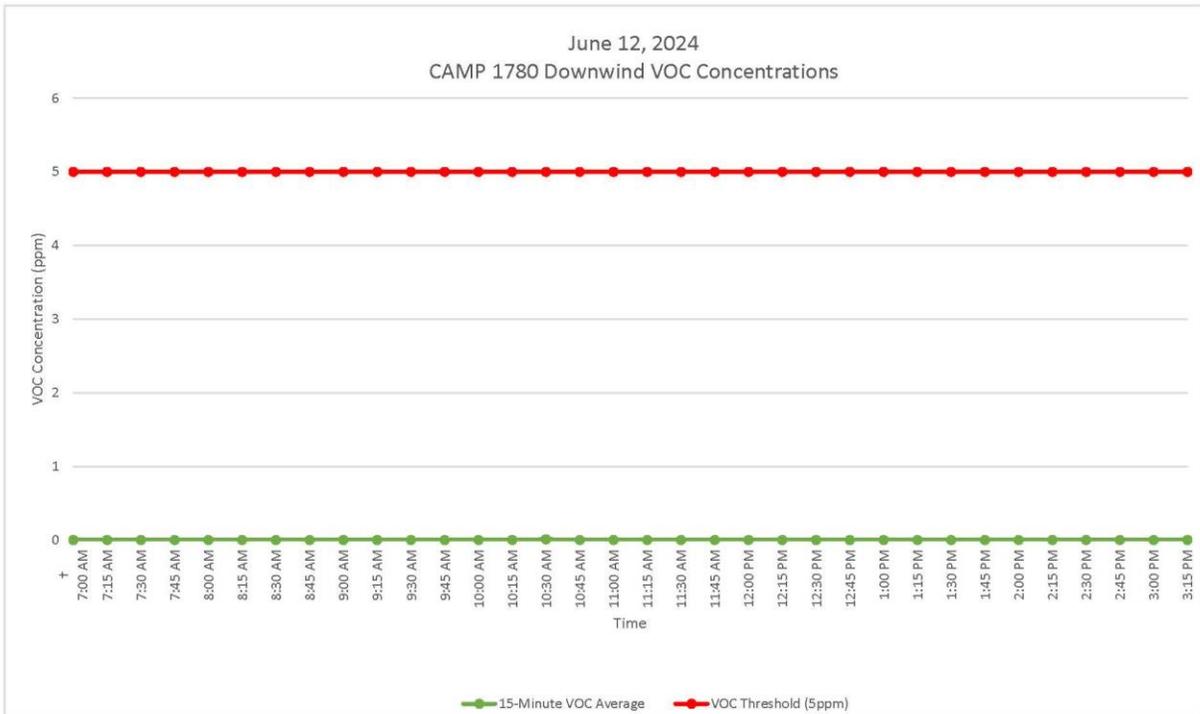
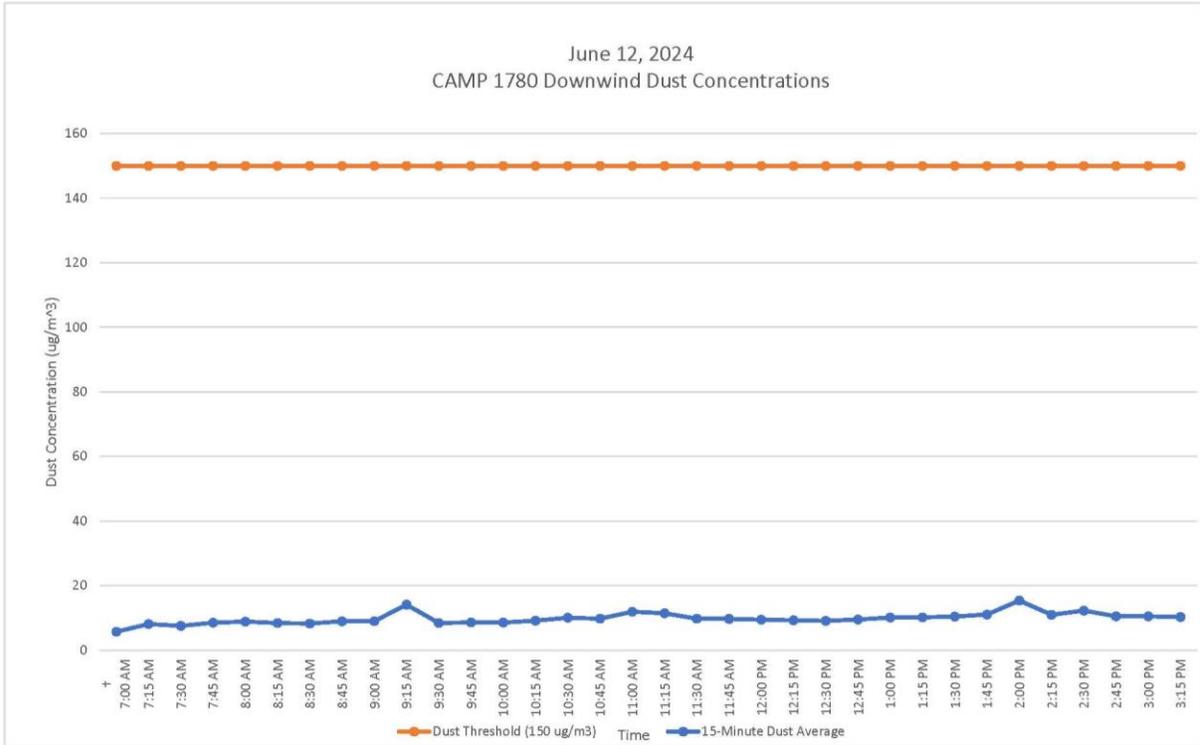
DATE: 6/12/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 227

DATE: 6/12/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 227

DATE: 6/12/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 227

DATE: 6/12/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	44	1,140.23	136	3,194.92	82	2,264.36	9	216.41	287	7,229.64
TOTAL	16	413.72	44	1,140.23	136	3,194.92	82	2,264.36	9	216.41	287	7,229.64



GZA DAILY FIELD SUMMARY 228

DATE: 6/13/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Partly Cloudy
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	75.45°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	55.90°F
		MAX WIND SPEED	21 mph from S
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Thursday, June 13, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
	Crown Waterproofing
SITE VISITORS:	LERA
	MRCE
	NAA



GZA DAILY FIELD SUMMARY 228

DATE: 6/13/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Thursday – 6/13/2024

Work Location (Attachment A): Grids B4, B5, B6, C1, C2, C4, C5, C6, D1, D2, and D9.

1. 15 truckloads of pipe sand from NAA - Weeks Marine, Inc., totaling 319.99 tons, were delivered to north of grids C1 and D1. The sand was used to backfill the area outside of the northern foundation wall in grids C1 and D1. An orange snow fence demarcation layer was placed prior to backfilling.
2. Crown installed PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids C1, C2, D1, and D2. Seams and penetrations were sealed with PREPRUFE Tape LT and/or BITUTHENE® Liquid Membrane.
3. Crown Waterproofing installed BITUTHENE System 4000 waterproofing/vapor barrier on the outer surface of the foundation walls in grid D9. Seams and penetrations were sealed with BITUTHENE® Liquid Membrane.
4. Lyndon/Metro installed steel beams and metal decking in grids B4, B5, B6, C4, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volve ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 14.57 ug/m³

High Conditions – PID: 0.01 ppm, Particulates: 27.66 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 228

DATE: 6/13/2024
FILE NO: 41.0163097.00

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- 15 truckloads (319.99 tons) of pipe sand were imported from North American Aggregates – Weeks Marine Inc. of New Jersey.

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

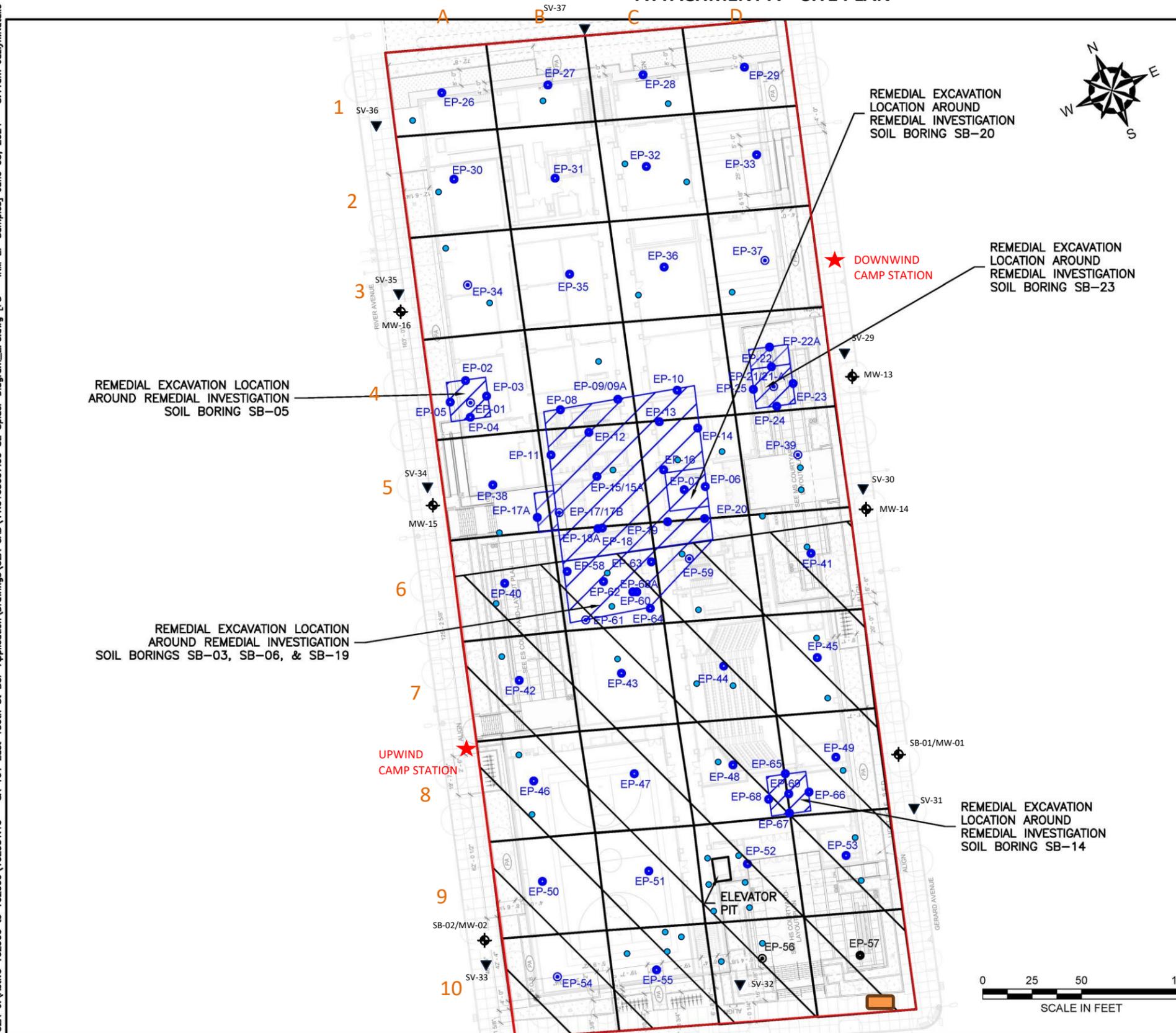


GZA DAILY FIELD SUMMARY 228

DATE: 6/13/2024
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY, GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
- APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
- REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
- PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- ★ CAMP STATIONS
- DEWATERING POINTS
- DEWATERING SETTLING TANK
- ▼ OFF-SITE SOIL VAPOR SAMPLING
- ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION
- ◆ MONITORING WELL LOCATION

NO.	ISSUE/DESCRIPTION	BY	DATE

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101 EAST 150TH STREET
 BRONX, NEW YORK, 10451

INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM DESIGNED BY: RPM DATE: JUNE 2024	REVIEWED BY: RPM DRAWN BY: JHB PROJECT NO: 41.0163097.00	CHECKED BY: SMK SCALE: 1"=50' REVISION NO: -	FIGURE 8 SHEET NO.



GZA DAILY FIELD SUMMARY 228

DATE: 6/13/2024
 FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	East	2	Northeast
			
Description: Munoz Trucking Inc. delivering pipe sand from NAA - Weeks Marine, Inc., to the area north of grid C1.		Description: PREPRUFE 300R Plus waterproofing/vapor barrier installed at the slab-on-grade locations in grids A1 and A2.	
3	Southwest	4	West
			
Description: Crown Waterproofing installing BITUTHENE System 4000 waterproofing/vapor barrier on the outer surface of the foundation walls in grid D9.		Description: The area outside of the northern foundation wall in grids C1 and D1 at the end of the day after placement of demarcation layer, backfilling and grading.	



GZA DAILY FIELD SUMMARY 228

DATE: 6/13/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

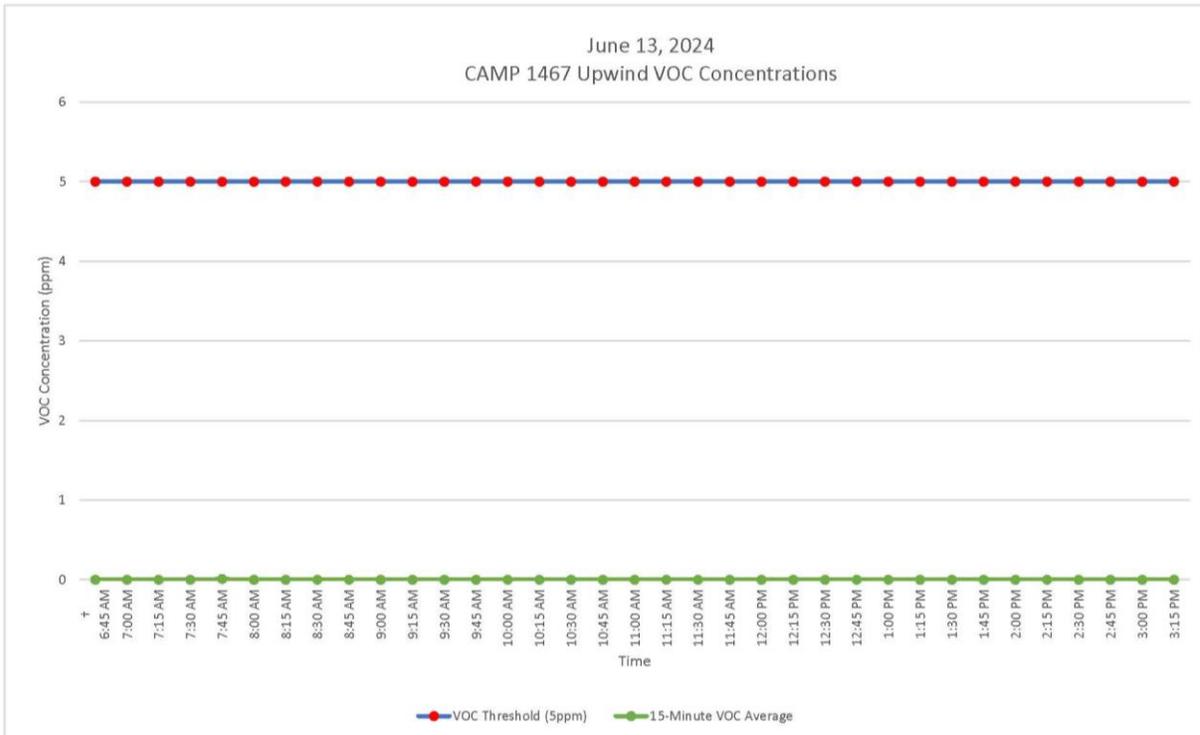
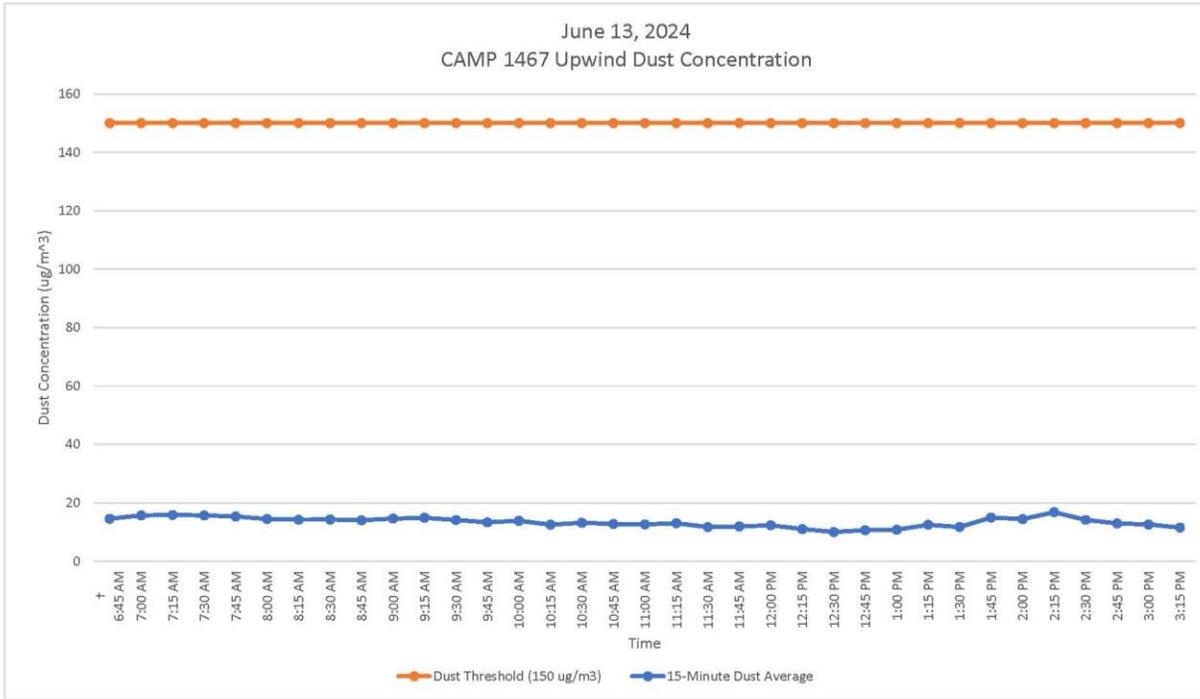
Daily Instrument Calibration Log

Date: June 13, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____			
Station 2 _____			
Hand Held _____			
PID Model 580		SN: 592-602879	
SidePak		SN: 5202136003	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>14.57</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>14.32</u>



GZA DAILY FIELD SUMMARY 228

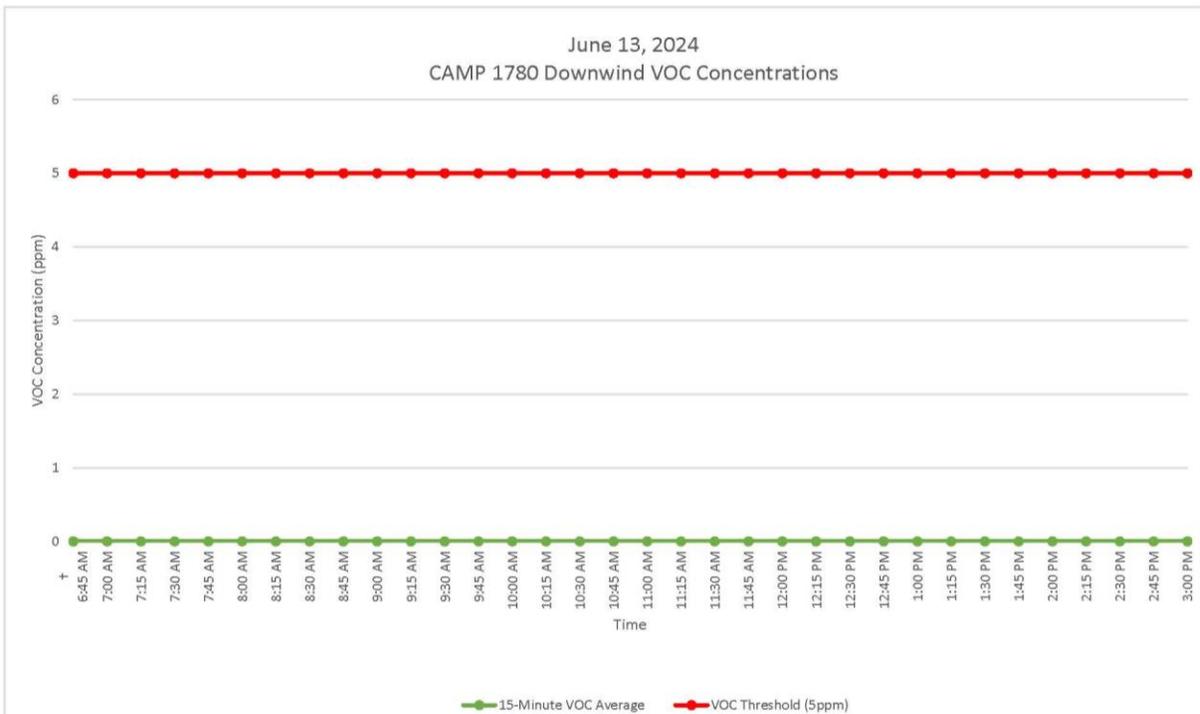
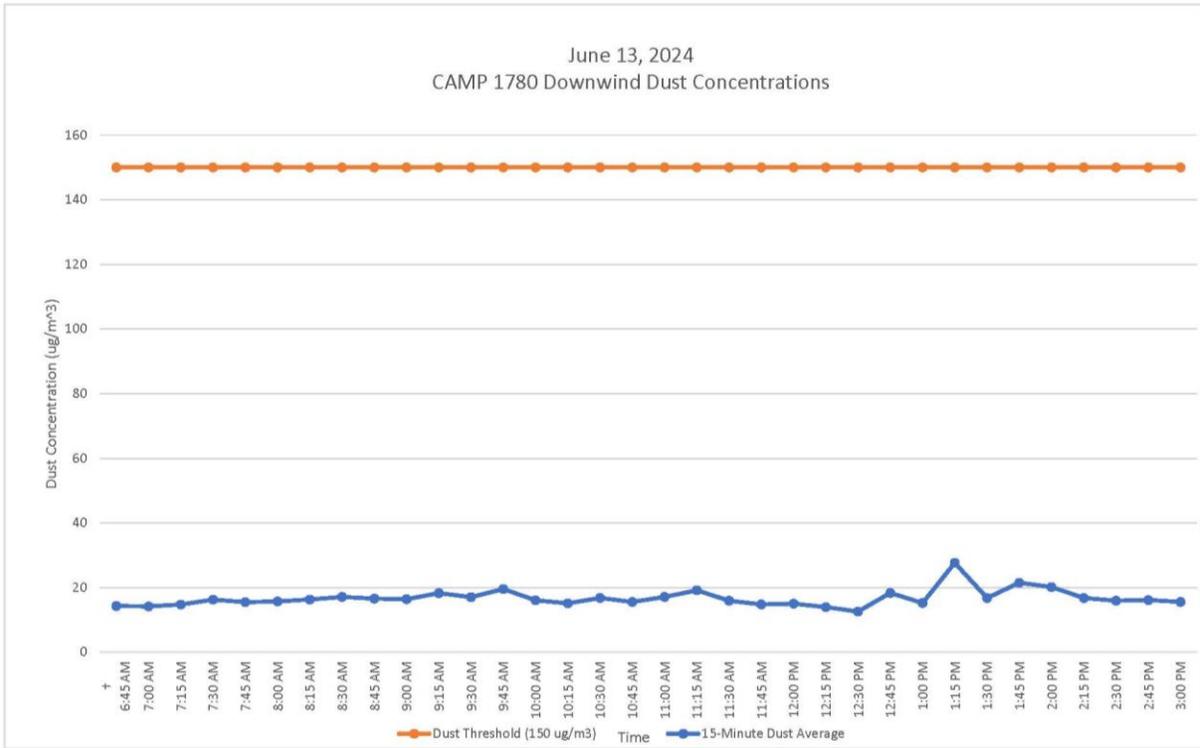
DATE: 6/13/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 228

DATE: 6/13/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 228

DATE: 6/13/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 228

DATE: 6/13/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	15	319.99	0	0	0	0	15	319.99
Previous	16	413.72	44	1,140.23	136	3,194.92	82	2,264.36	9	216.41	287	7,229.64
TOTAL	16	413.72	44	1,140.23	151	3,514.91	82	2,264.36	9	216.41	302	7,549.63



GZA DAILY FIELD SUMMARY 229

DATE: 6/14/2024
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Partly Cloudy
AVE. TEMPERATURE 73.10°F
AVE. DEW POINT 61.21°F
MAX WIND SPEED 12 mph from SSW
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Daily Calibration and Air Monitoring Logs
D – Excavated Material Disposal Log
E – Imported Materials Log

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Friday, June 14, 2024	
	PERSONNEL
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	LERA
	MRCE
	NAA



GZA DAILY FIELD SUMMARY 229

DATE: 6/14/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Friday – 6/14/2024

Work Location (Attachment A): Grids B4, B5, B6, B7 C1, C2, C4, C5, C6, D1, D2, and D8.

1. 12 truckloads of $\frac{3}{4}$ " gas permeable aggregate from Wantage Stone Quarry totaling 312.33 tons, were delivered to grid D8. The gas permeable aggregate was placed throughout grids C1, C2, C3, D1, D2 and D3.
2. J&A backfilled portions of grids C1 and D1 located outside of the foundational walls with pipe sand. The sand was placed above the demarcation layer in this area.
3. Lyndon/Metro installed steel beams and metal decking in grids B4, B5, B6, C4, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volvo ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- GZA collected endpoint sample EP-43 (5.5' bgs) in grid B7.

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 13.80 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 44.39 ug/m³

ug/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 229

DATE: 6/14/2024
FILE NO: 41.0163097.00

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- 12 truckloads (312.33 tons) of ¾" gas permeable aggregate were imported from Wantage Stone Quarry of New Jersey.

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

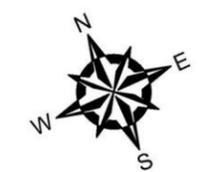
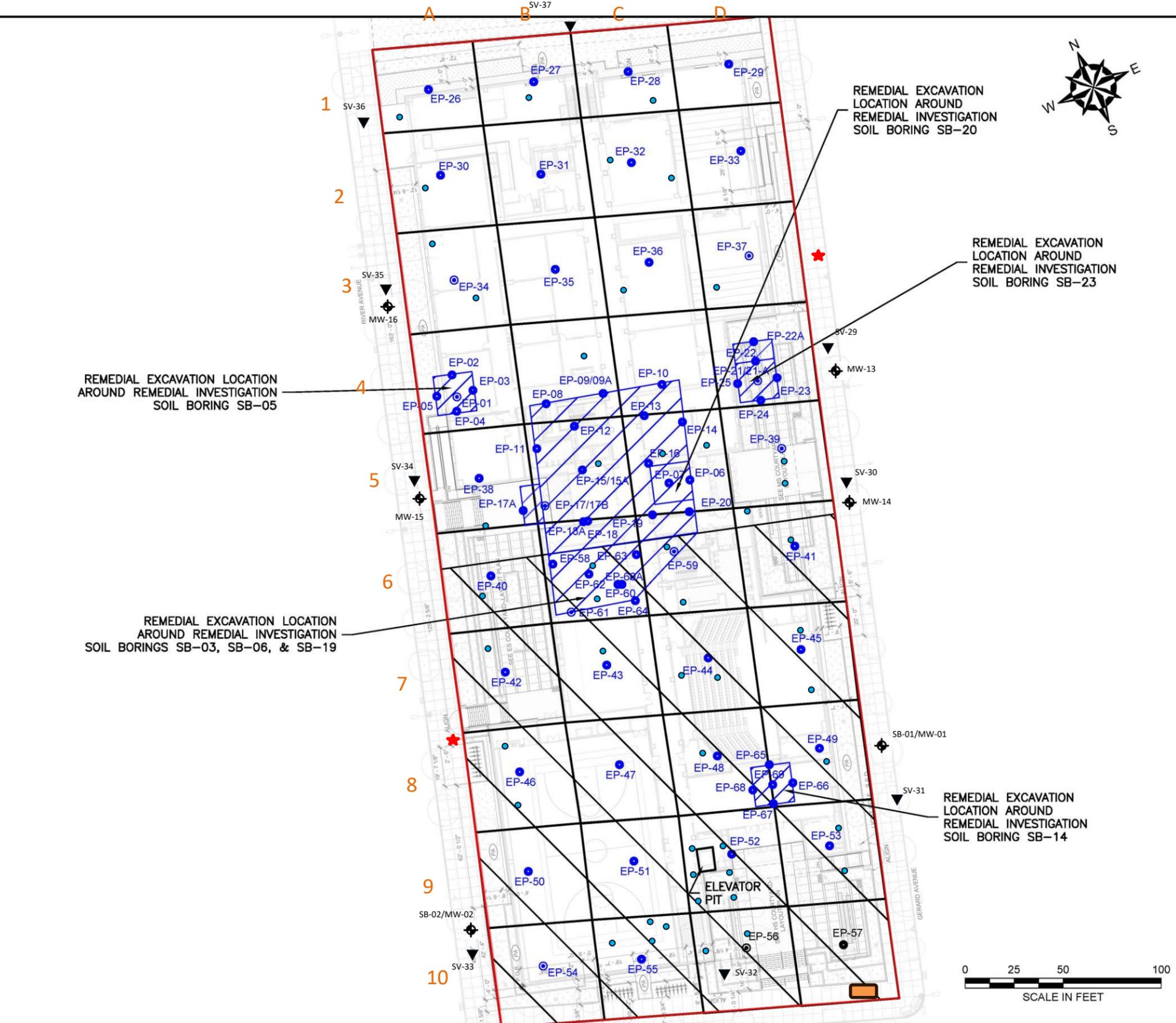


GZA DAILY FIELD SUMMARY 229

DATE: 6/14/2024
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EP.s.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- EXTENT OF REMEDIATION EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIATION MEASURE - SOUTHERN EXTENT
- APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
- REMEDIATION EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
- PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
EP-40
- PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
EP-54
- PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
EP-02
- PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
EP-01
-
-

REMEDIAL EXCAVATION LOCATION AROUND REMEDIATION INVESTIGATION SOIL BORING SB-05

REMEDIAL EXCAVATION LOCATION AROUND REMEDIATION INVESTIGATION SOIL BORING SB-20

REMEDIAL EXCAVATION LOCATION AROUND REMEDIATION INVESTIGATION SOIL BORING SB-23

REMEDIAL EXCAVATION LOCATION AROUND REMEDIATION INVESTIGATION SOIL BORINGS SB-03, SB-06, & SB-19

REMEDIAL EXCAVATION LOCATION AROUND REMEDIATION INVESTIGATION SOIL BORING SB-14

NO.	ISSUE/DESCRIPTION	BY	DATE
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.			
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
INTERIM REMEDIATION MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	REVIEWED BY: RPM	CHECKED BY: SMK	FIGURE
DESIGNED BY: RPM	DRAWN BY: JHB	SCALE: 1"=50'	8
DATE: JUNE 2024	PROJECT NO: 41.0163097.00	REVISION NO: -	
			SHEET NO.



GZA DAILY FIELD SUMMARY 229

DATE: 6/14/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Northwest	2	North
			
Description: Delivery of gas permeable aggregate to grid D8 by Shamrock Materials, LLC.		Description: J&A spreading layer of gas permeable aggregate throughout grids C1, C2, D1 and D2.	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	East	4	Southwest
			
Description: J&A excavating to 5.5' bgs in grid B7 for GZA to collect EP-43 sample.		Description: J&A backfilling the area outside of the northern foundation wall in grids C1 and D1 with pipe sand.	



GZA DAILY FIELD SUMMARY 229

DATE: 6/14/2024
FILE NO: 41.0163097.00



GZA DAILY FIELD SUMMARY 229

DATE: 6/14/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

Date: June 14, 2024		Sampling Technician: Matt DiLorenzo	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____			

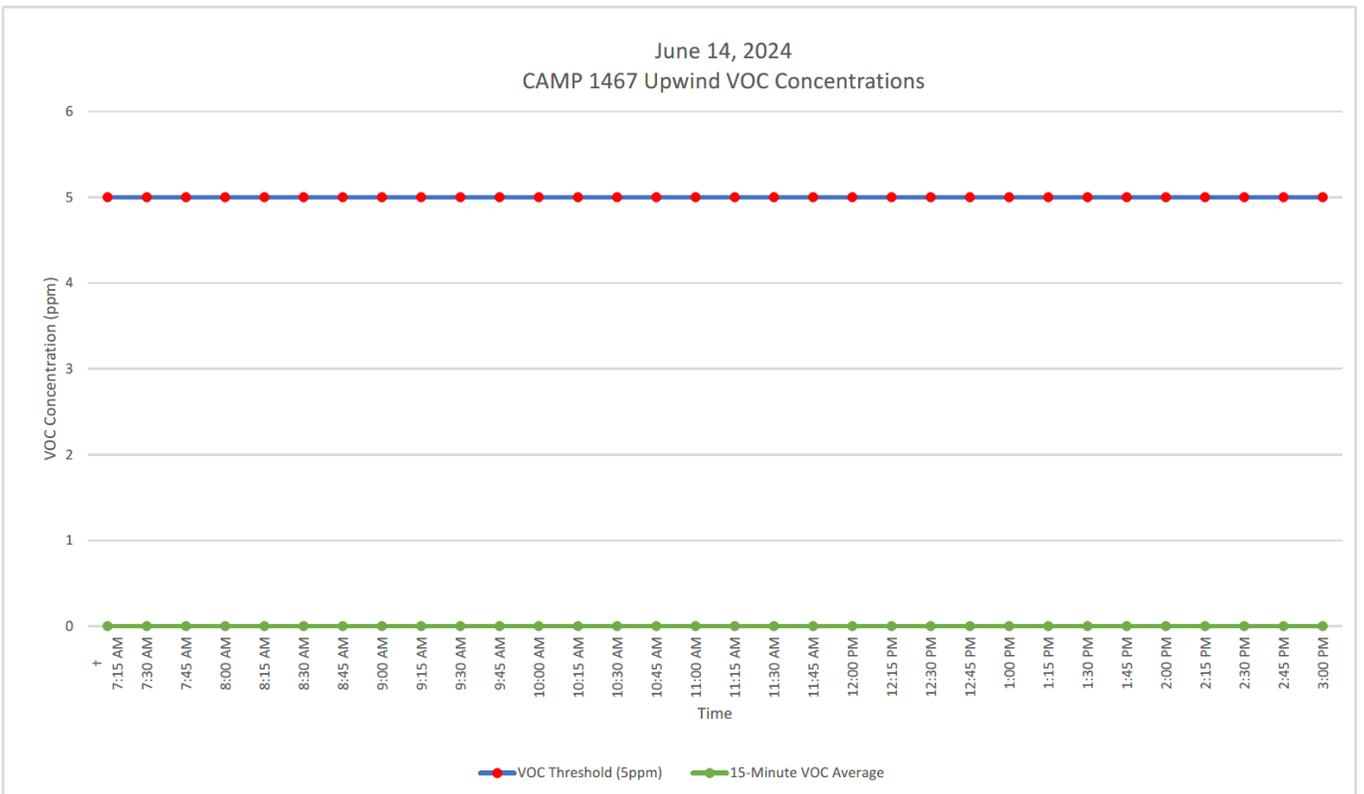
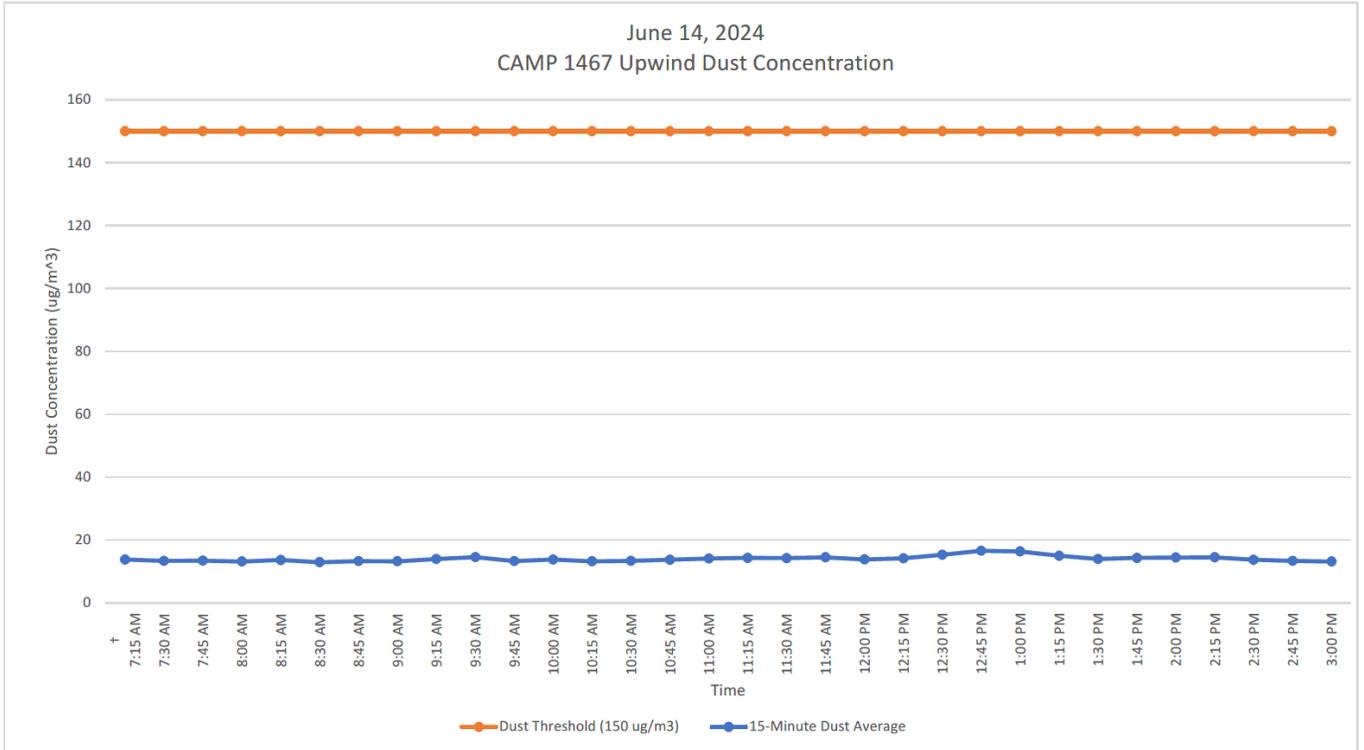
Station 2 _____			

Hand Held	PID Model 580	SN: 592-602879	_____
Held	SidePak	SN: 5202136003	_____
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1:	0.0	Data Ram 1:	13.80
PID 2:	0.0	Data Ram 2:	13.21



GZA DAILY FIELD SUMMARY 229

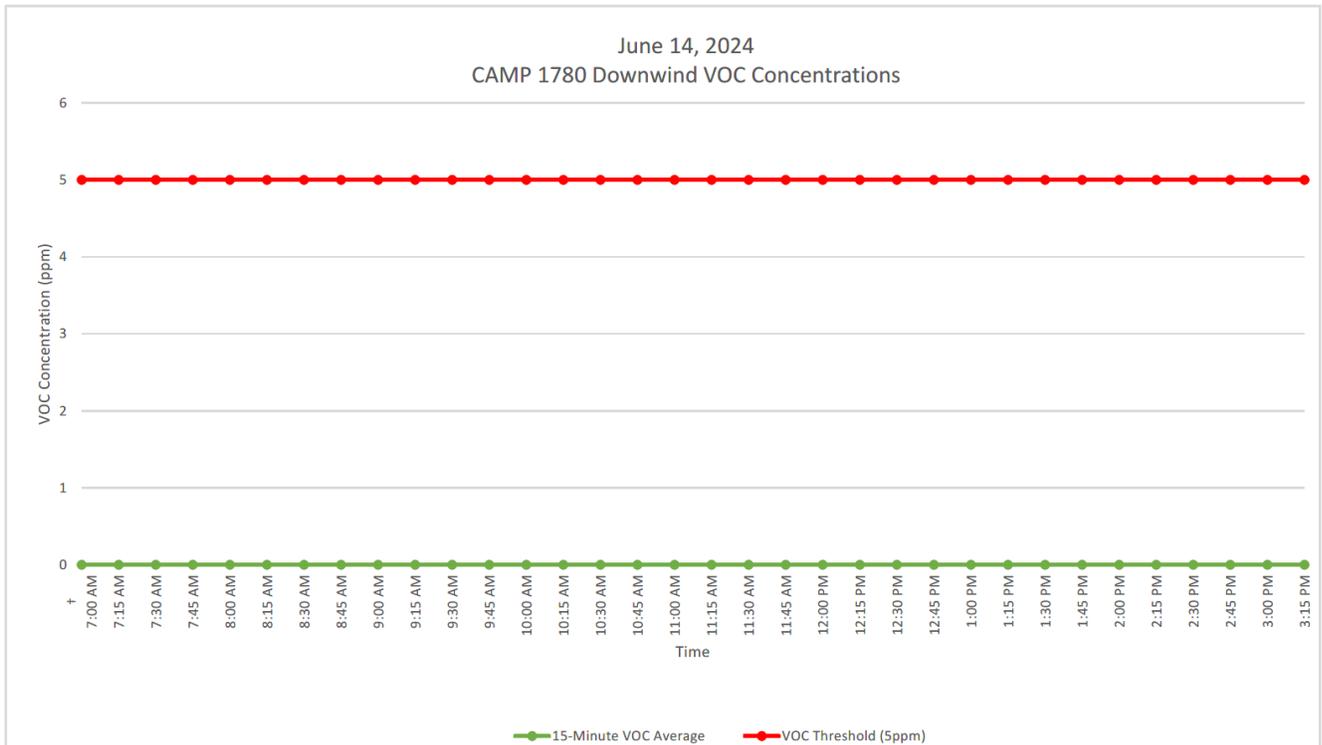
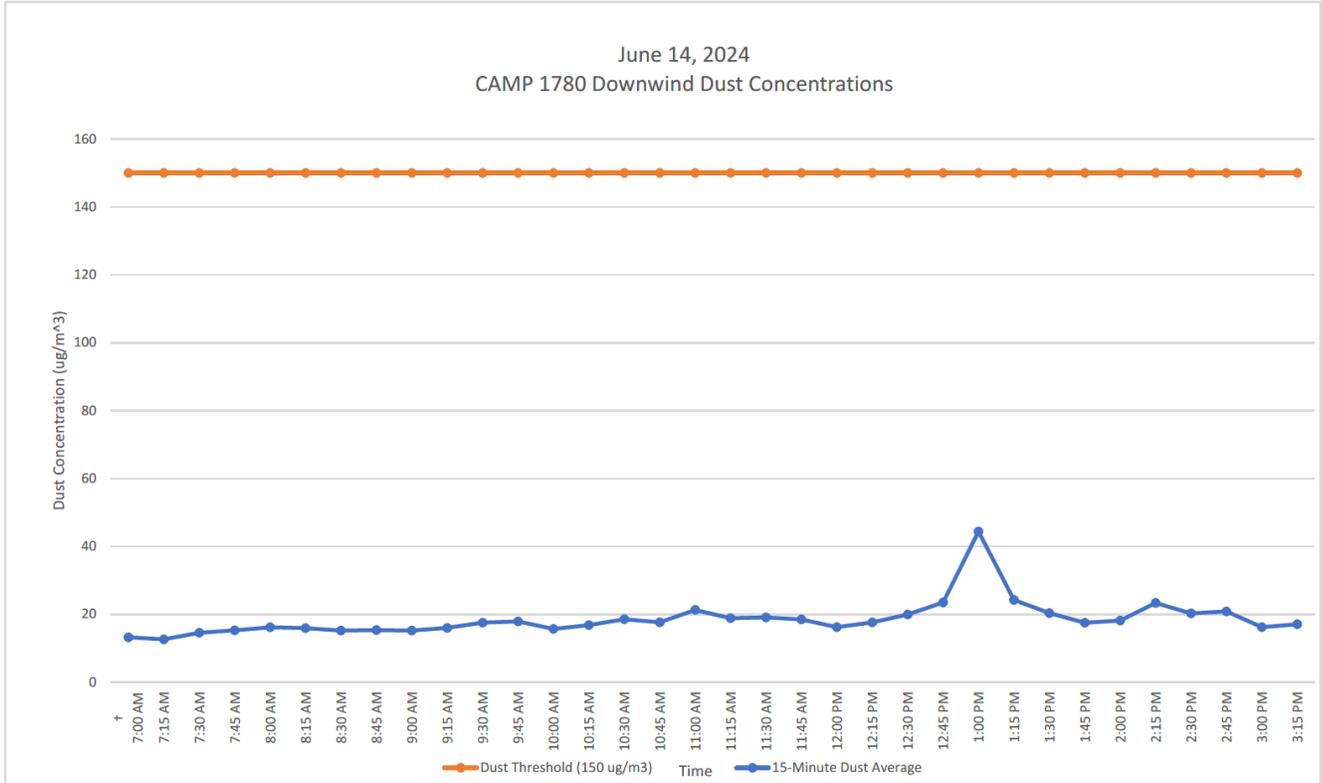
DATE: 6/14/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 229

DATE: 6/14/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 229

DATE: 6/14/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 229

DATE: 6/14/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	0	0	12	312.33	0	0	12	312.33
Previous	16	413.72	44	1,140.23	151	3,514.91	82	2,264.36	9	216.41	302	7,549.63
TOTAL	16	413.72	44	1,140.23	151	3,514.91	94	2,576.69	9	216.41	314	7,861.96



GZA DAILY FIELD SUMMARY 230

DATE: 6/15/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Partly Cloudy
PREPARED BY:	Matt DiLorenzo (GZA)	AVE. TEMPERATURE	73.58°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	51.25°F
		MAX WIND SPEED	18 mph from SW
		PRECIPITATION	0.25 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Saturday, June 15, 2024	
	PERSONNEL
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	LERA
	MRCE
	NAA



GZA DAILY FIELD SUMMARY 230

DATE: 6/15/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Saturday – 6/15/2024

Work Location (Attachment A): Grids C1, C2, C3, D1, D2, and D3.

1. The J&A spread gas permeable aggregate, stockpiled in grid D8, throughout grids C1, C2, C3, D1, D2 and D3.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volvo ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 7.34 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 10.74 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported on-site during this monitoring period.

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942



GZA DAILY FIELD SUMMARY 230

DATE: 6/15/2024
FILE NO: 41.0163097.00

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

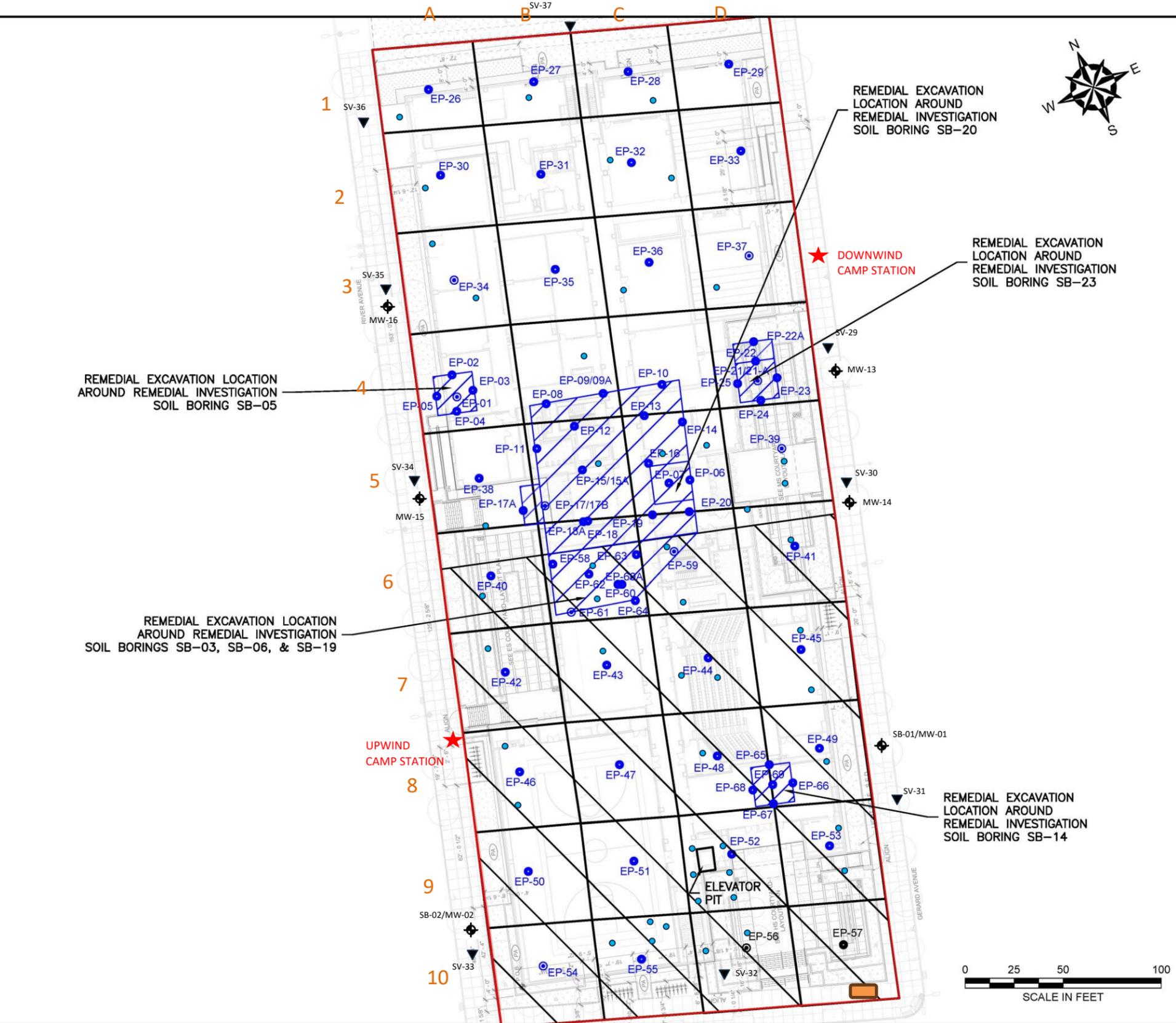


GZA DAILY FIELD SUMMARY 230

DATE: 6/15/2024
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



- GENERAL NOTES**
1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
 2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
 3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

- LEGEND**
- APPROXIMATE SITE BOUNDARY
 - EXTENT OF REMEDIATION EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIATION MEASURE - SOUTHERN EXTENT
 - APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
 - REMEDIATION EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
 - PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - ★ CAMP STATIONS
 - DEWATERING POINTS
 - DEWATERING SETTLING TANK
 - ▼ OFF-SITE SOIL VAPOR SAMPLING
 - ◆ EXISTING OFF-SITE REMEDIATION INVESTIGATION
 - ◆ MONITORING WELL LOCATION

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
BRONX, NEW YORK, 10451

**INTERIM REMEDIATION MEASURE SOUTHERN EXTENT
ENDPOINT SAMPLE LOCATION PLAN**

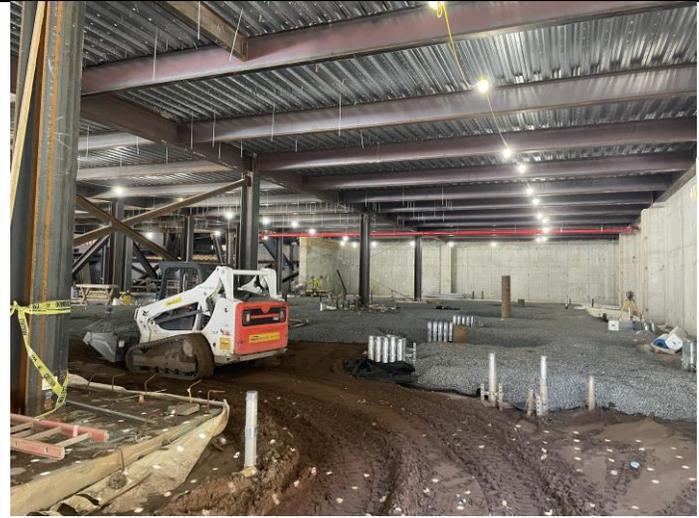
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	DESIGNED BY: RPM	REVIEWED BY: RPM	DATE: JUNE 2024
DRAWN BY: JHB	PROJECT NO: 41.0163097.00	CHECKED BY: SMK	SCALE: 1"=50'
REVISION NO.:		FIGURE	8
		SHEET NO.	



GZA DAILY FIELD SUMMARY 230

DATE: 6/15/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Northwest	2	South
			
Description: J&A spreading layer of gas permeable aggregate throughout grids C1, C2, D1, D2 and D3.		Description: Gas permeable aggregate stockpile located in grid D8.	



GZA DAILY FIELD SUMMARY 230

DATE: 6/15/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

Date: June 15, 2024		Sampling Technician: Matt DiLorenzo	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1			

Station 2			

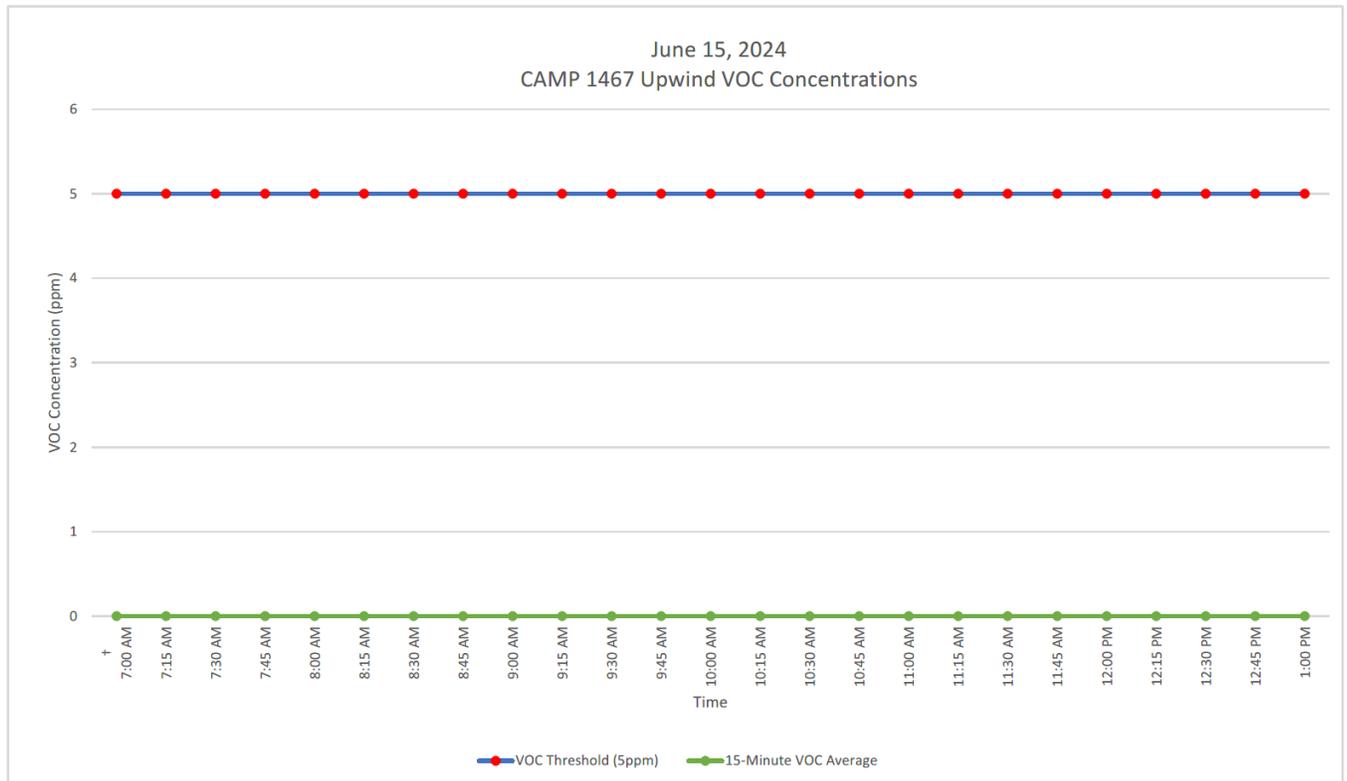
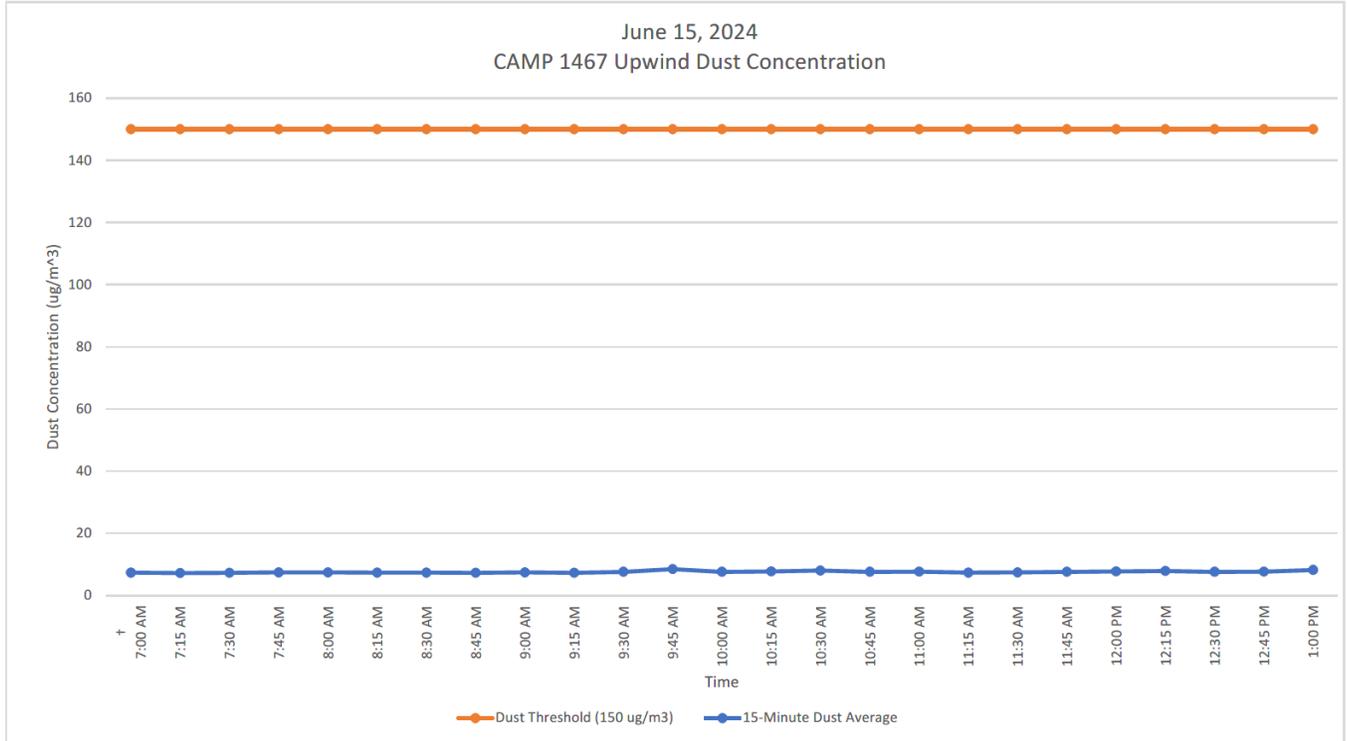
Hand Held	PID Model 580	SN: 592-602879	_____
Hand Held	SidePak	SN: 5202136003	_____
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>7.34</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>6.73</u>

Note: "NA" indicates when an item or section is "Not Applicable".



GZA DAILY FIELD SUMMARY 230

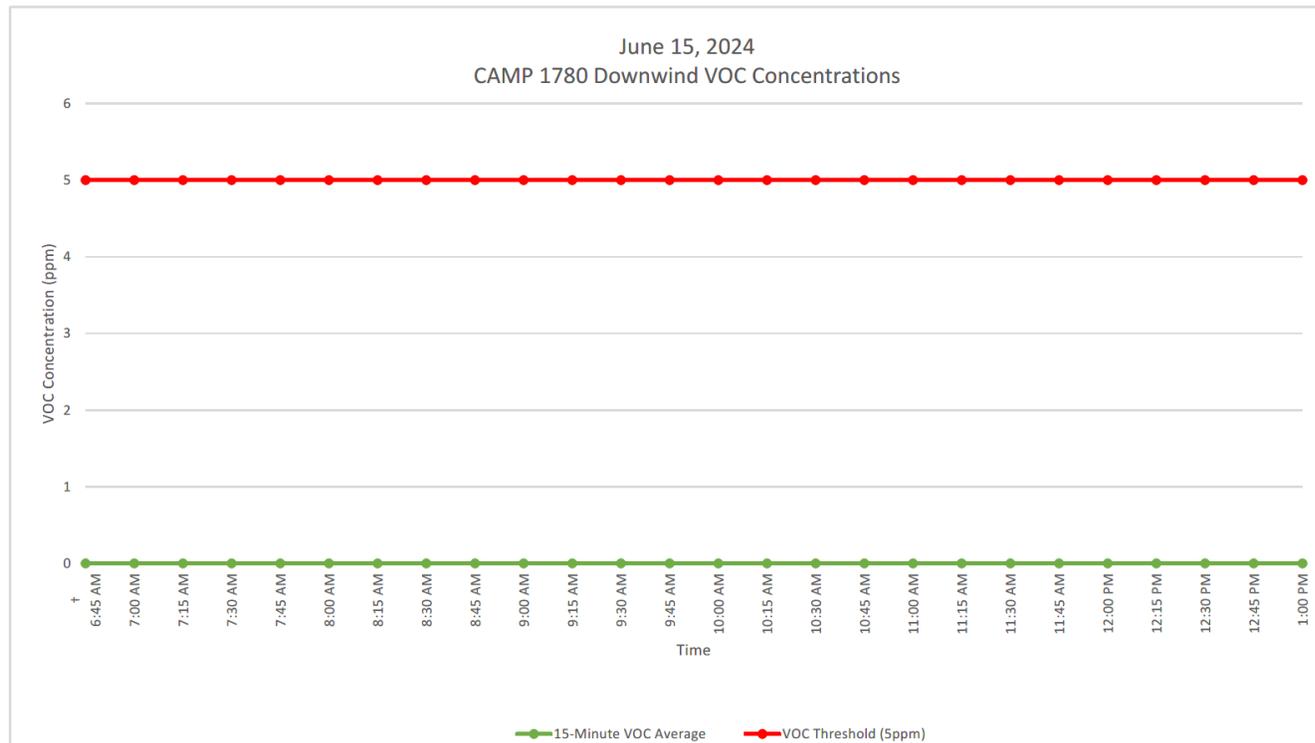
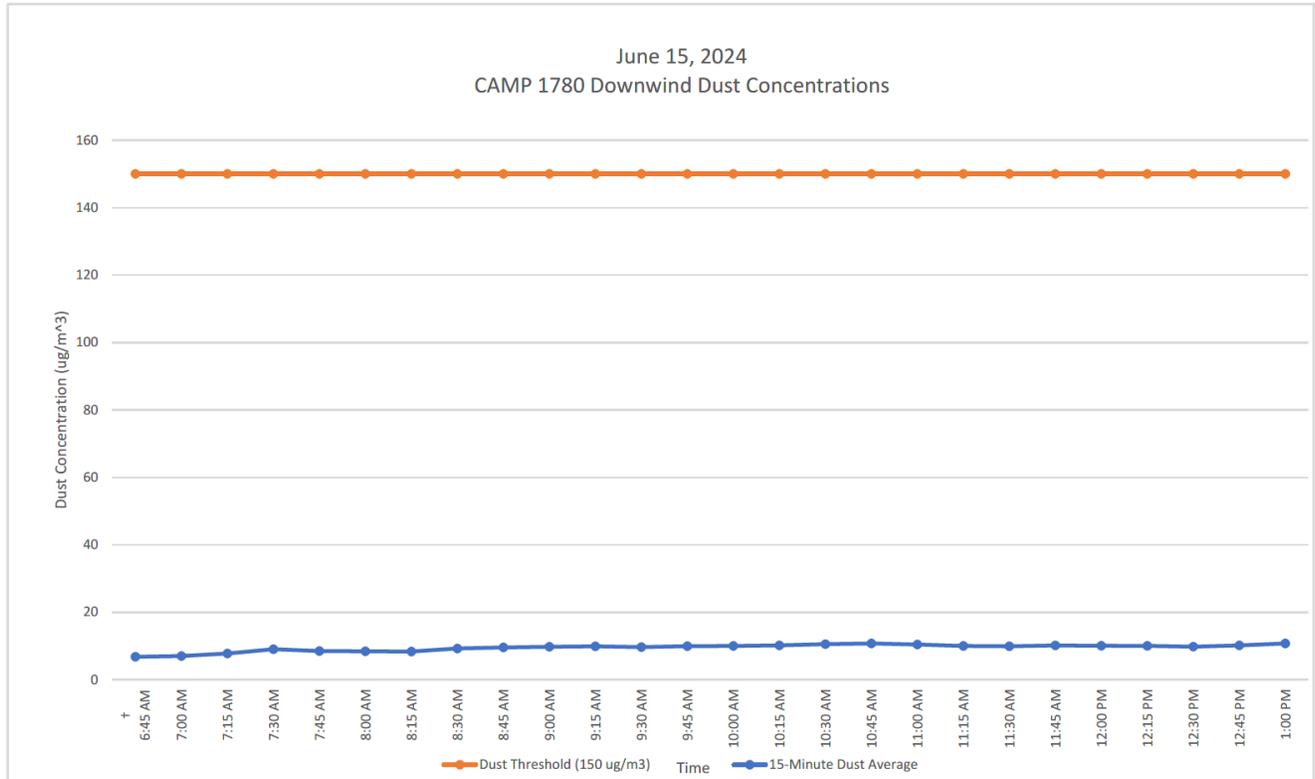
DATE: 6/15/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 230

DATE: 6/15/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 230

DATE: 6/15/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 230

DATE: 6/15/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS		
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	44	1,140.23	151	3,514.91	94	2,576.69	9	216.41	314	7,861.96	
TOTAL	16	413.72	44	1,140.23	151	3,514.91	94	2,576.69	9	216.41	314	7,861.96	



GZA DAILY FIELD SUMMARY 231

DATE: 6/17/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Clear
PREPARED BY:	Mark Frey (GZA)	AVE. TEMPERATURE	75.5°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	60.13°F
		MAX WIND SPEED	20 mph from SSE
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Monday, June 17, 2024	
	PERSONNEL
QEP:	GZA
	Mark Frey
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	LERA
	MRCE
	NAA



GZA DAILY FIELD SUMMARY 231

DATE: 6/17/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Monday – 6/17/2024

Work Location (Attachment A): Grids B1, C1, C2, C3, D1, D2, and D3.

1. The J&A spread gas permeable aggregate (GPA), stockpiled in grid D8, throughout grids C1, C2, C3, D1, D2 and D3.
2. 15 trucks of clean pipe sand were spread throughout grids B1, C1, and D1.
3. SSDS piping laid in grids C1, C2, and D3.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volvo ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 11.56 ug/m³

High Conditions – PID: 1.69 ppm, Particulates: 21.11 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- 15 trucks of material from Weeks Marine Inc. were imported on-site during this monitoring period.



GZA DAILY FIELD SUMMARY 231

DATE: 6/17/2024
FILE NO: 41.0163097.00

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

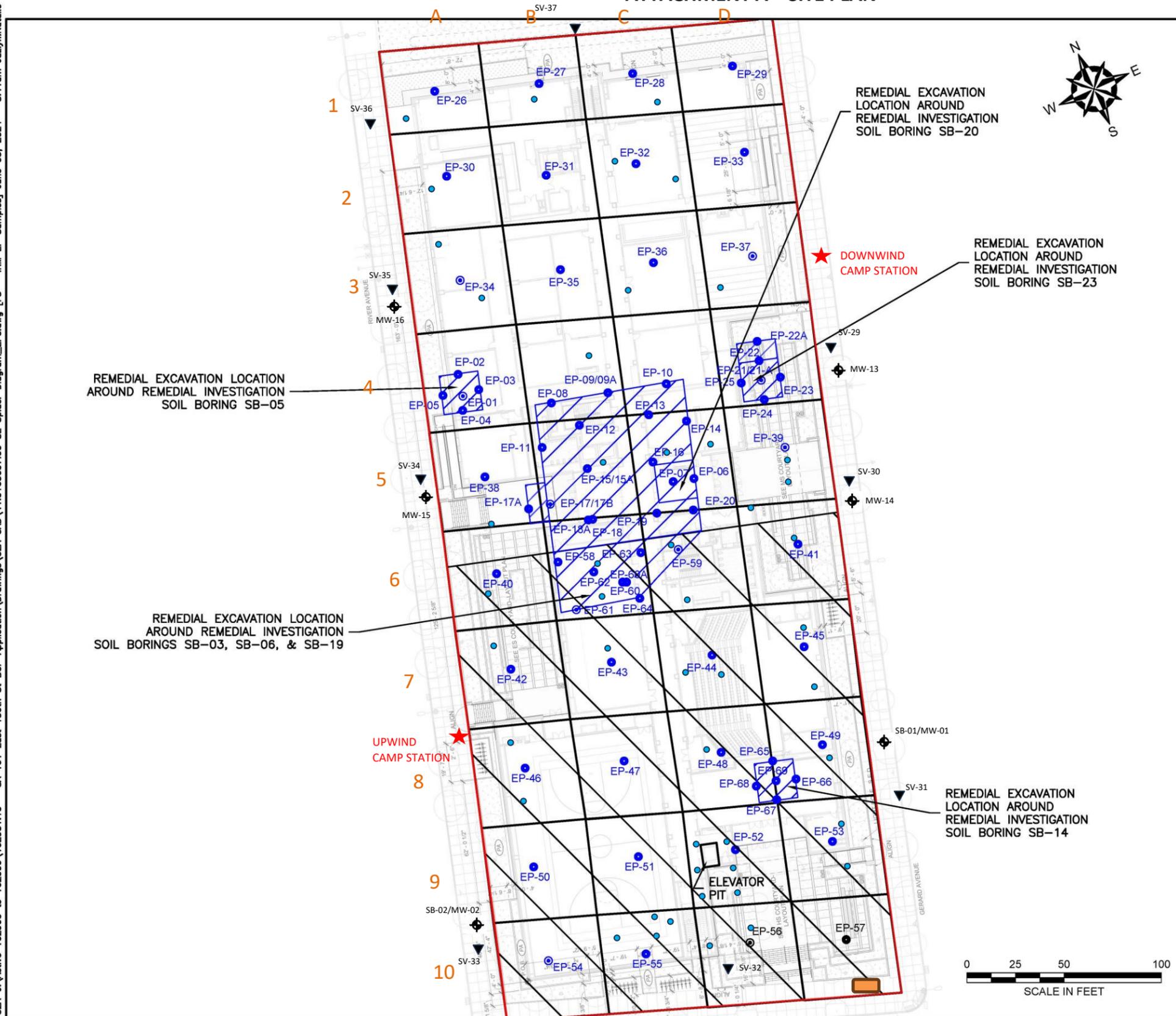


GZA DAILY FIELD SUMMARY 231

DATE: 6/17/2024
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



- GENERAL NOTES**
1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
 2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
 3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

- LEGEND**
- APPROXIMATE SITE BOUNDARY
 - EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
 - APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
 - REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
 - PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - ★ CAMP STATIONS
 - DEWATERING POINTS
 - DEWATERING SETTLING TANK
 - ▼ OFF-SITE SOIL VAPOR SAMPLING
 - ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION MONITORING WELL LOCATION

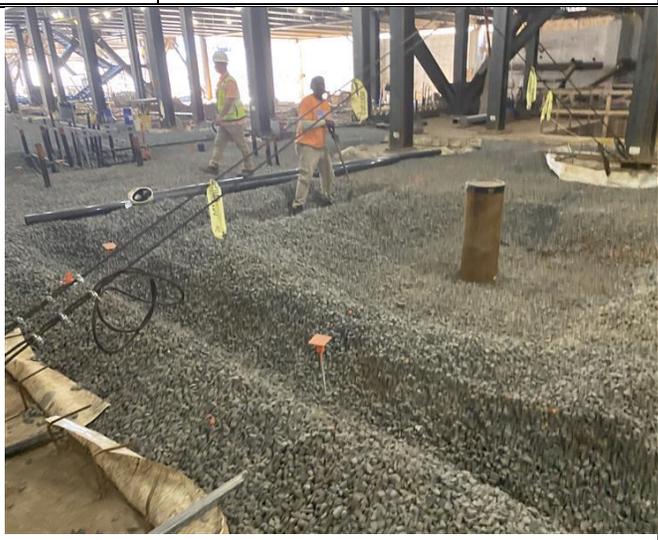
NO.		ISSUE/DESCRIPTION		BY	DATE
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.					
101 EAST 150TH STREET BRONX, NEW YORK, 10451					
INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN					
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com			PREPARED FOR: 586 RIVER AVE., LLC		
PROJ MGR: RPM	DESIGNED BY: RPM	DATE: JUNE 2024	REVIEWED BY: RPM	DRAWN BY: JHB	PROJECT NO: 41.0163097.00
			CHECKED BY: SMK	SCALE: 1"=50'	REVISION NO: -
					FIGURE 8 SHEET NO.



GZA DAILY FIELD SUMMARY 231

DATE: 6/17/2024
 FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

<p>Photo No. 1</p>	<p>Direction Photo Taken: West</p>	<p>Photo No. 2</p>	<p>Direction Photo Taken West</p>
			
<p>Description: Site at the beginning of the day.</p>		<p>Description: Imported fill being dropped off in Grids C1 and D1.</p>	
<p>Photo No. 1</p>	<p>Direction Photo Taken: East</p>	<p>Photo No. 2</p>	<p>Direction Photo Taken Southwest</p>
			
<p>Description: J&A spreading layer of imported fill throughout grids B1, C1, and D1.</p>		<p>Description: J&A laid down SSDS piping .</p>	



GZA DAILY FIELD SUMMARY 231

DATE: 6/17/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

Date: June 17, 2024		Sampling Technician: Mark Frey	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____			

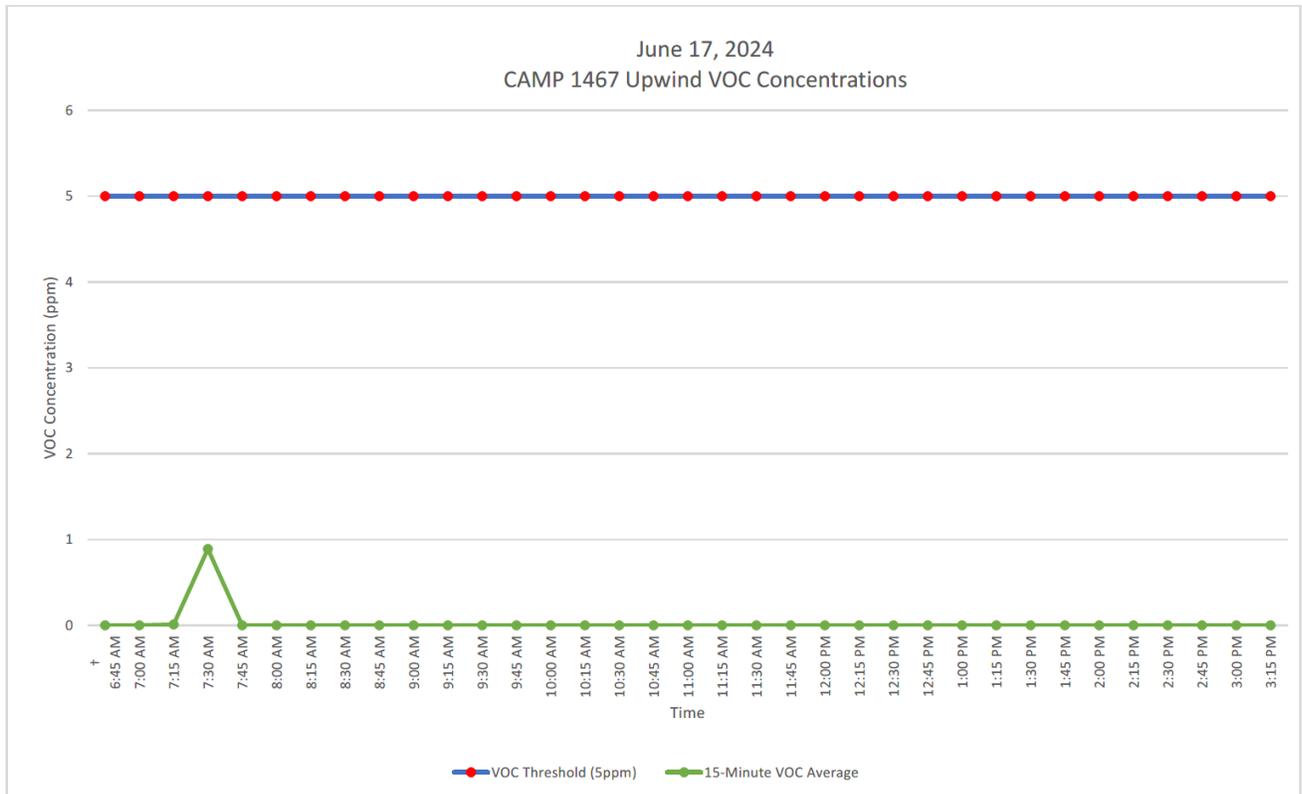
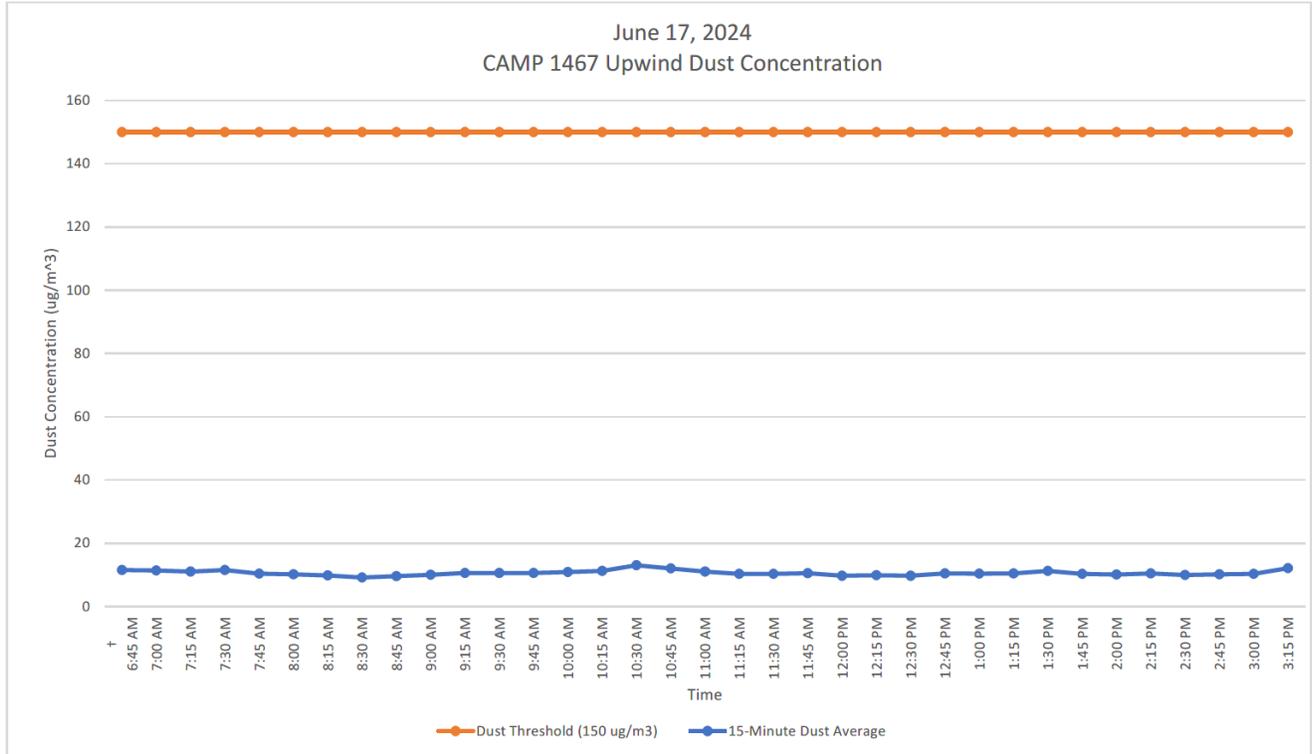
Station 2 _____			

Hand Held	PID Model 580	SN: 592-602879	
	SidePak	SN: 5202136003	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	2	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1:	0.0	Data Ram 1:	10.14
PID 2:	0.0	Data Ram 2:	11.55



GZA DAILY FIELD SUMMARY 231

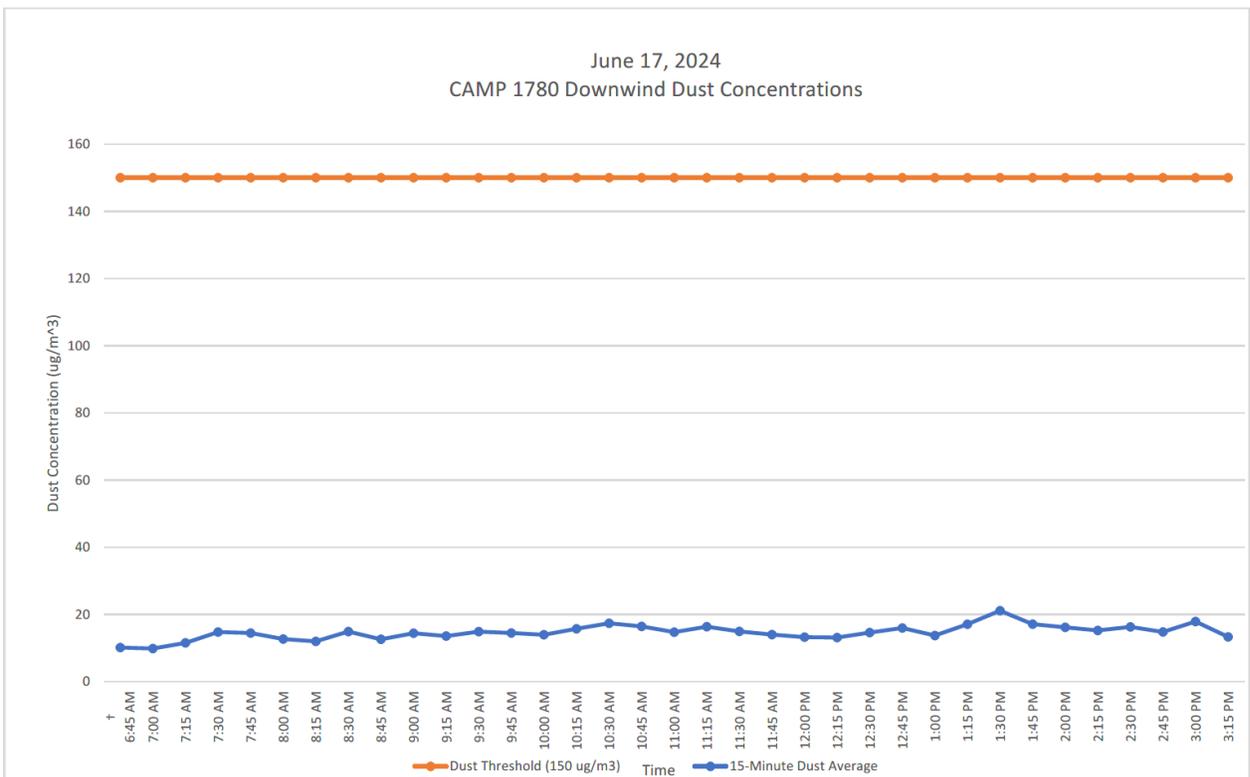
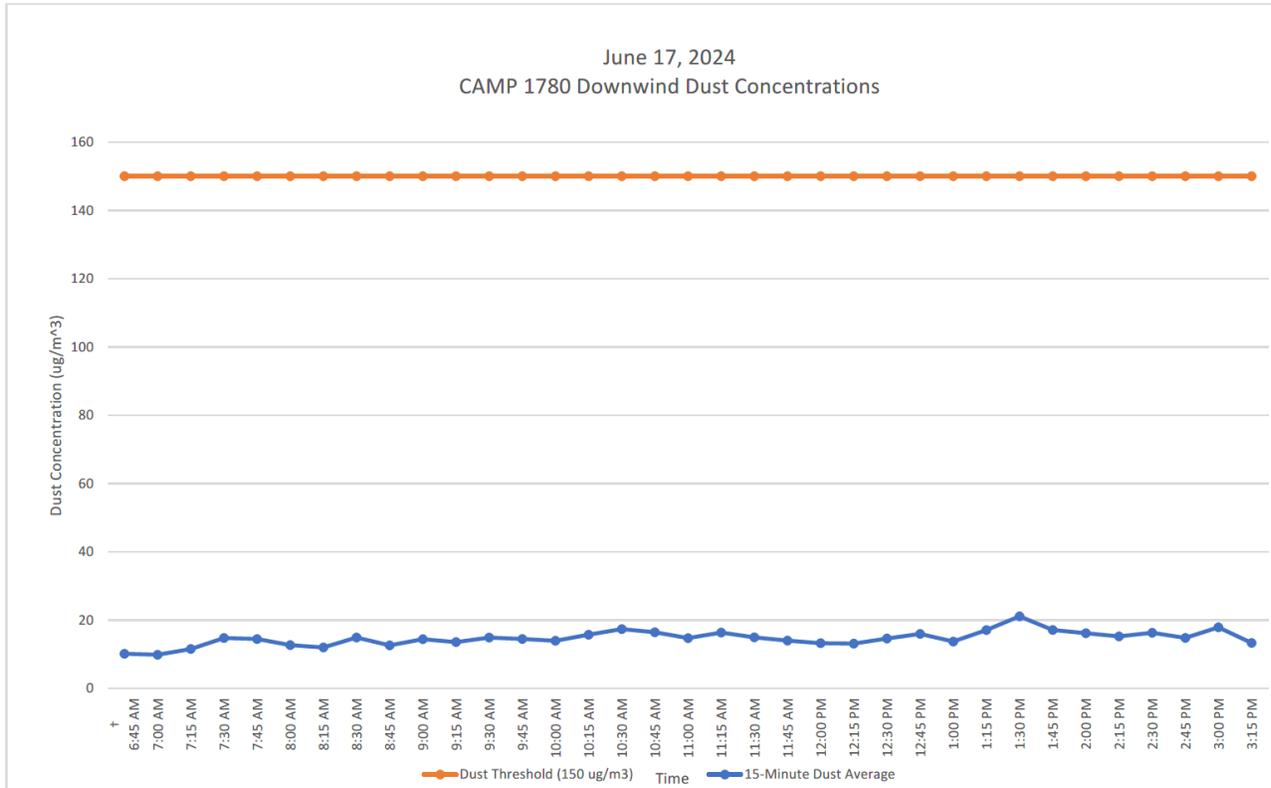
DATE: 6/17/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 231

DATE: 6/17/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 231

DATE: 6/17/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 231

DATE: 6/17/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	15	355.93	0	0	0	0	15	355.93
Previous	16	413.72	44	1,140.23	151	3,514.91	94	2,576.69	9	216.41	314	7,861.96
TOTAL	16	413.72	44	1,140.23	166	3,870.84	94	2,576.69	9	216.41	329	8,217.89



GZA DAILY FIELD SUMMARY 232

DATE: 6/18/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Fair
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	79.05°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	62.25°F
		MAX WIND SPEED	21 mph from SSE
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Tuesday, June 18, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
	Crown Waterproofing
SITE VISITORS:	LERA



GZA DAILY FIELD SUMMARY 232

DATE: 6/18/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 6/18/2024

Work Location (Attachment A): Grids A7, B4, B5, B6, C1, C2, C3, C4, D5, D6, D1, D2, and D3.

1. Crown installed PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids D1, D2, and D3. Seams and penetrations were sealed with PREPRUFE Tape LT and/or BITUTHENE® Liquid Membrane.
2. J&A installed one SSDS pit location (SSD-13) in grid C3.
3. J&A cleared for SSDS pathways in the gas permeable aggregates laid in grids C1, C2, C3, and D3.
4. AWS installed SSDS piping in grids C1, C2, and C3.
5. J&A performed excavation for the SSDS area in grid A7.
6. J&A poured concrete for the slab-on-deck in grids C1, C2, C3, D1, D2, and D3.
7. Lyndon/Metro installed steel beams and metal decking in grids B4, B5, B6, C4, D5, and D6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volve ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 11.75 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 36.34 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.



GZA DAILY FIELD SUMMARY 232

DATE: 6/18/2024
FILE NO: 41.0163097.00

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

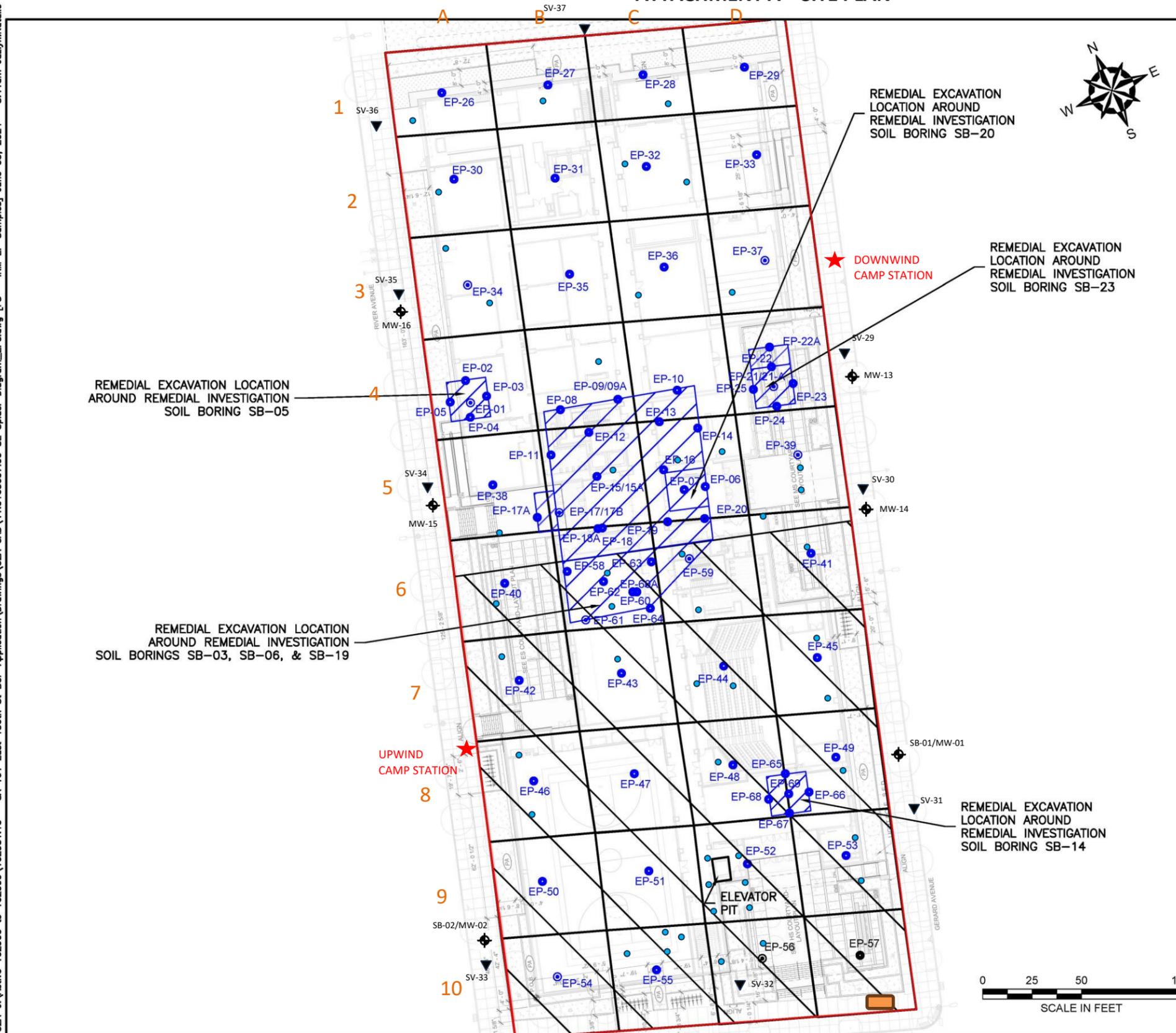


GZA DAILY FIELD SUMMARY 232

DATE: 6/18/2024
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
- APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
- REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
- PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- ★ CAMP STATIONS
- DEWATERING POINTS
- DEWATERING SETTLING TANK
- ▼ OFF-SITE SOIL VAPOR SAMPLING
- ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION MONITORING WELL LOCATION

EXISTING OFF-SITE REMEDIAL INVESTIGATION MONITORING WELL LOCATION		
NO.	ISSUE/DESCRIPTION	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
BRONX, NEW YORK, 10451

INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	DESIGNED BY: RPM	REVIEWED BY: RPM	DATE: JUNE 2024
CHECKED BY: SMK	DRAWN BY: JHB	SCALE: 1"=50'	PROJECT NO: 41.0163097.00
FIGURE 8	REVISION NO. -	SHEET NO.	



GZA DAILY FIELD SUMMARY 232

DATE: 6/18/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Northeast	2	Northwest
			
Description: Crown installing PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids D1, D2, and D3.		Description: AWS installing SSDS piping in grid C1, C2, and C3.	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	North	4	Northeast
			
Description: SSDS piping installed in grid C2.		Description: Trenching in gas permeable aggregate to make pathways for SSDS piping out of SSD-13.	



GZA DAILY FIELD SUMMARY 232

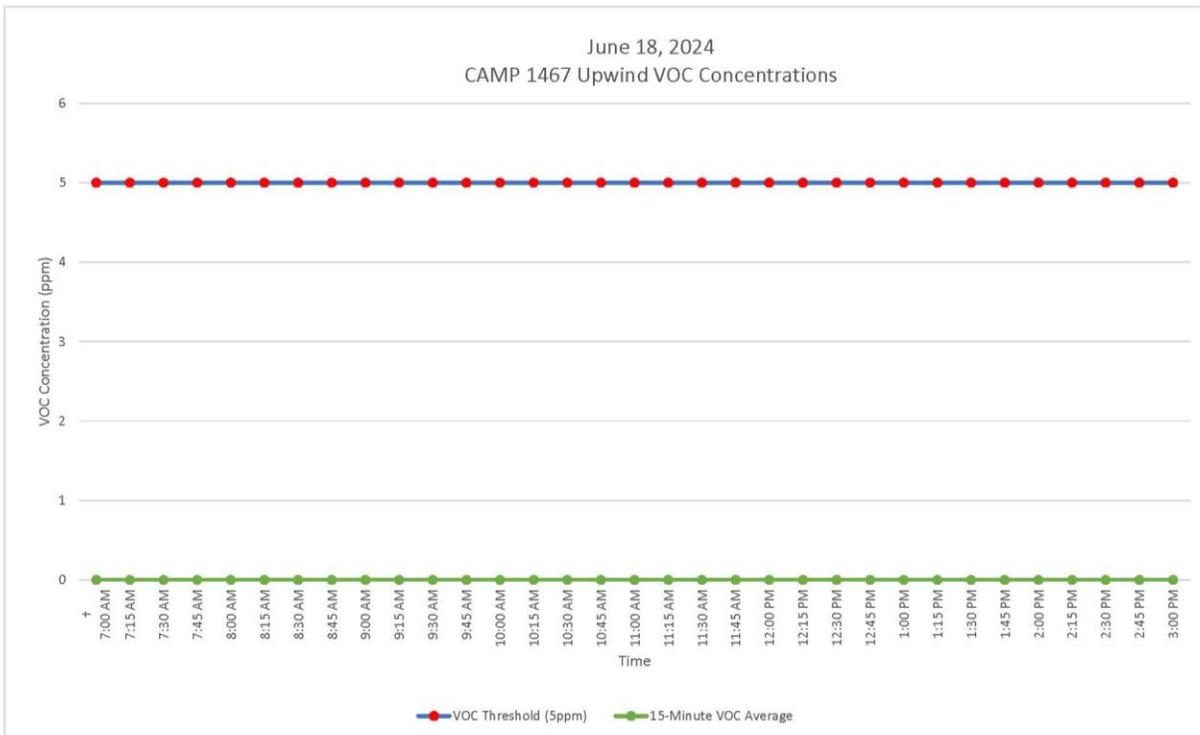
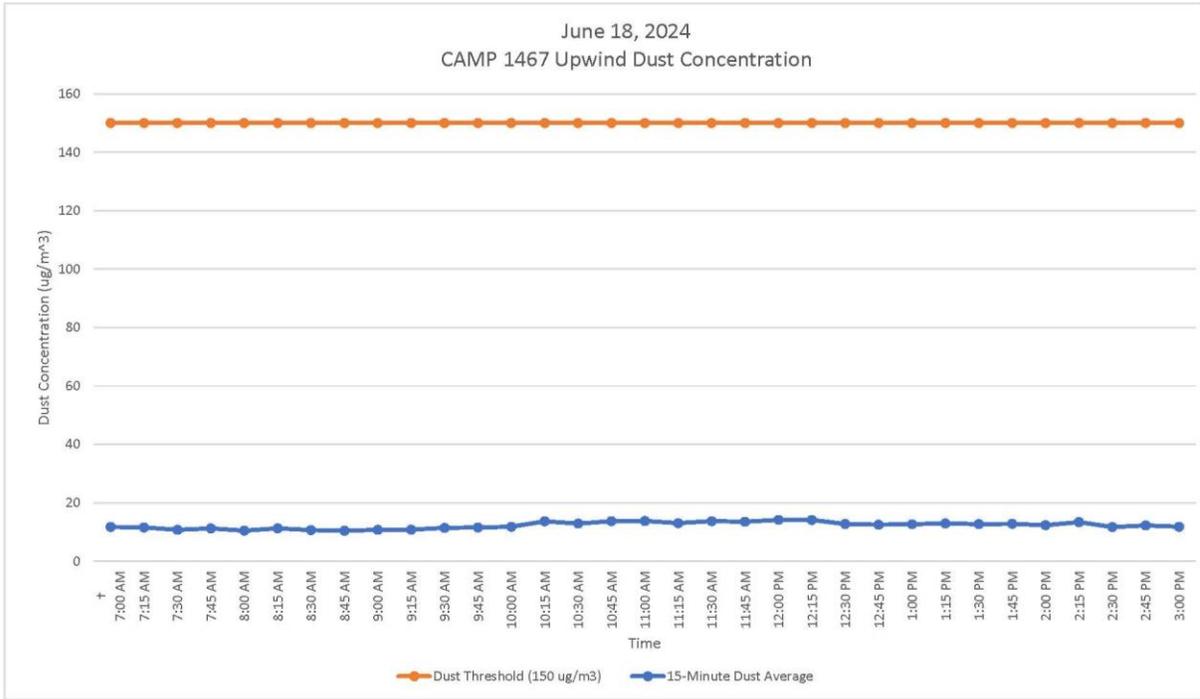
DATE: 6/18/2024
FILE NO: 41.0163097.00

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
5	East	6	Southwest
			
Description: J&A pouring concrete for the slab-on-deck.		Description: Preparation for SSDS area in grid A7.	



GZA DAILY FIELD SUMMARY 232

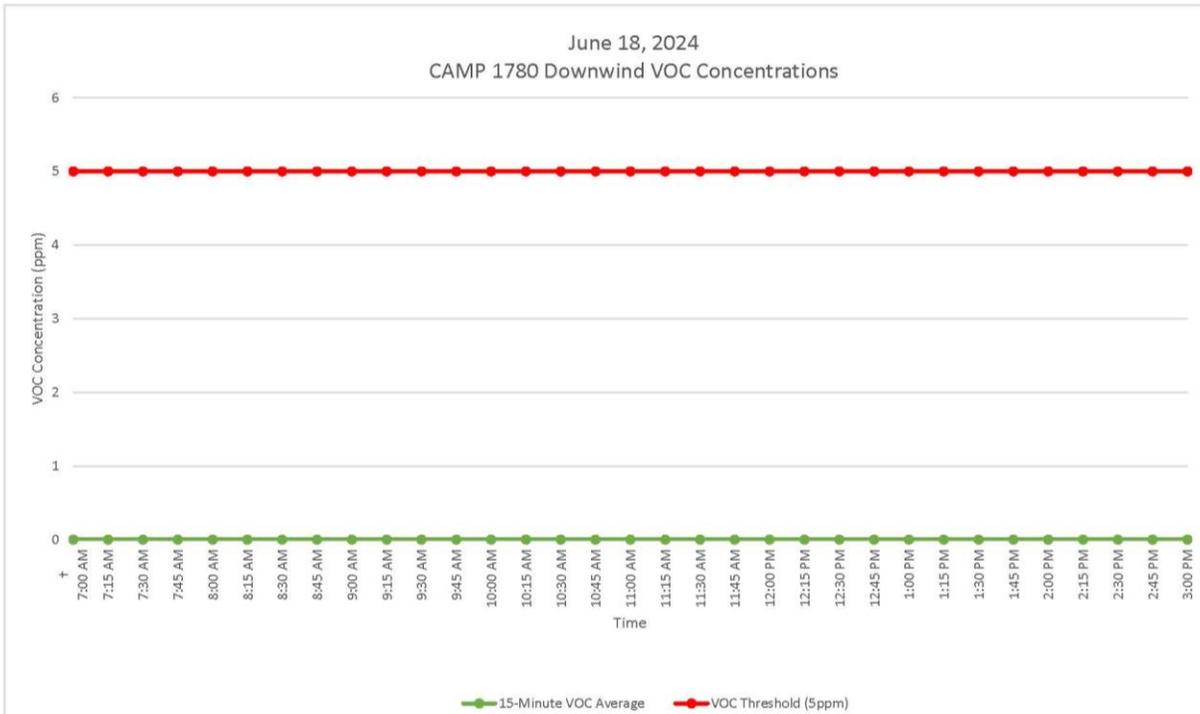
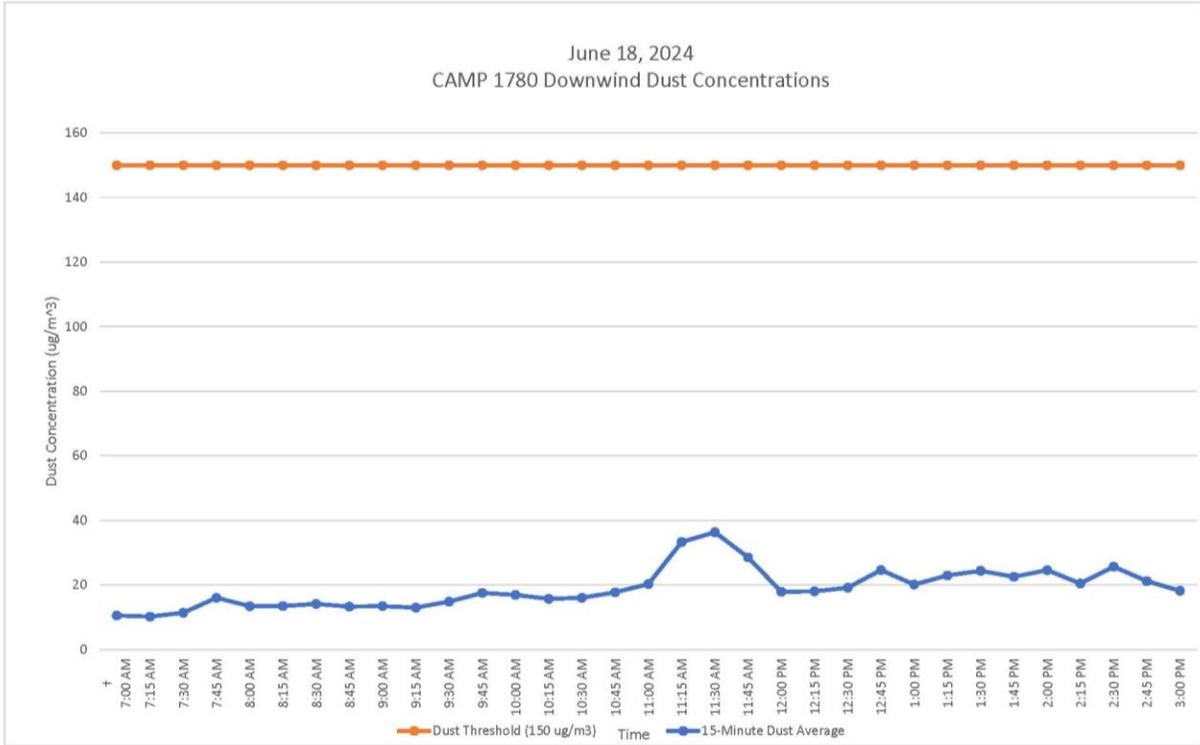
DATE: 6/18/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 232

DATE: 6/18/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 232

DATE: 6/18/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 232

DATE: 6/18/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	44	1,140.23	166	3,870.12	94	2,576.69	9	216.41	329	8,217.17
TOTAL	16	413.72	44	1,140.23	166	3,870.12	94	2,576.69	9	216.41	329	8,217.17



GZA DAILY FIELD SUMMARY 233

DATE: 6/19/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Mostly Cloudy
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	78.88°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	61.67°F
		MAX WIND SPEED	21 mph from SSE
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Wednesday, June 19, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	LERA
	GZA: Jackson Bogach
	SOM: Kirsten Youngren
	DBI Projects: Carlos Talero



GZA DAILY FIELD SUMMARY 233

DATE: 6/19/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 6/18/2024

Work Location (Attachment A): Grids A7, B4, B5, B6, C1, C2, C3, C4, D1, D2, D3, D5, and D6.

1. 14 truckloads of pipe sand from NAA - Weeks Marine, Inc., totaling 332.8 tons, were delivered to north of grids C1 and D1. The sand was used to backfill the area outside of the northern foundation wall in grids C1 and D1. An orange snow fence demarcation layer was placed prior to backfilling.
2. J&A place Mirafi non-woven Geotextile in grid A7 and placed clean stone over geotextile.
3. AWS installed SSDS piping in grids C1, C2, C3, D2, and D3.
4. Lyndon/Metro installed steel beams and metal decking in grids B4, B5, B6, C4, D5, and D6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volve ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 10.36 ug/m³

High Conditions – PID: 0.08 ppm, Particulates: 25.79 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- 14 truckloads (332.8 tons) of pipe sand were imported from North American Aggregates – Weeks Marine Inc. of New Jersey.



GZA DAILY FIELD SUMMARY 233

DATE: 6/19/2024
FILE NO: 41.0163097.00

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

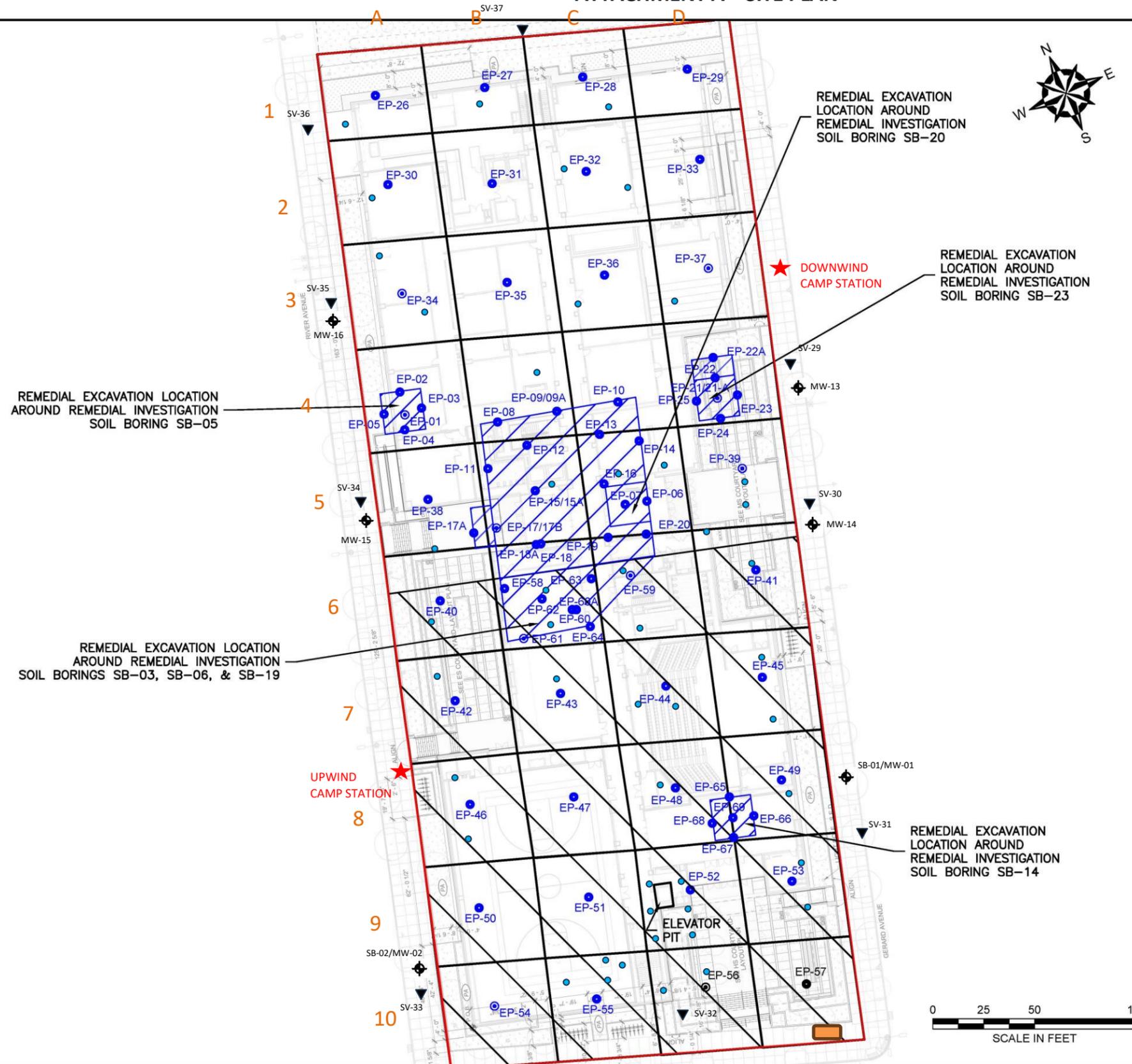


GZA DAILY FIELD SUMMARY 233

DATE: 6/19/2024
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY, GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



- ### GENERAL NOTES
1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
 2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
 3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

- ### LEGEND
- APPROXIMATE SITE BOUNDARY
 - EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
 - APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
 - REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
 - PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - ★ CAMP STATIONS
 - DEWATERING POINTS
 - DEWATERING SETTLING TANK
 - ▼ OFF-SITE SOIL VAPOR SAMPLING
 - ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION
 - ◆ MONITORING WELL LOCATION

NO.		ISSUE/DESCRIPTION		BY	DATE
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.					
101 EAST 150TH STREET BRONX, NEW YORK, 10451					
INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN					
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com			PREPARED FOR: 586 RIVER AVE., LLC		
PROJ MGR: RPM	DESIGNED BY: RPM	DATE: JUNE 2024	REVIEWED BY: RPM	DRAWN BY: JHB	PROJECT NO: 41.0163097.00
			CHECKED BY: SMK	SCALE: 1"=50'	REVISION NO: -
					FIGURE 8 SHEET NO.

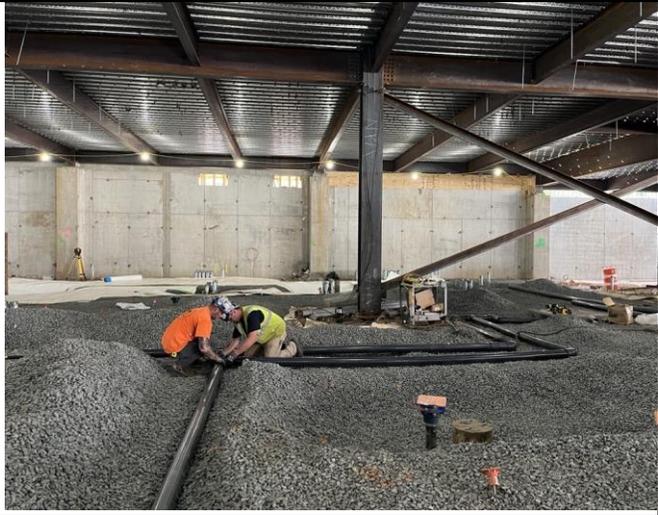




GZA DAILY FIELD SUMMARY 233

DATE: 6/19/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Northeast	2	East
			
Description: Munoz Trucking Inc. delivering pipe sand from NAA - Weeks Marine, Inc., to the area north of grids C1 and D1.		Description: AWS installing SSDS piping in grid C2 and C3.	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	Northwest	4	Southwest
			
Description: SSDS risers VR-05, VR-06, and VR-07 installed in grid C3.		Description: Installation of Mirafi non-woven geotextile prior to backfilling with clean stone in grid A7.	



GZA DAILY FIELD SUMMARY 233

DATE: 6/19/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

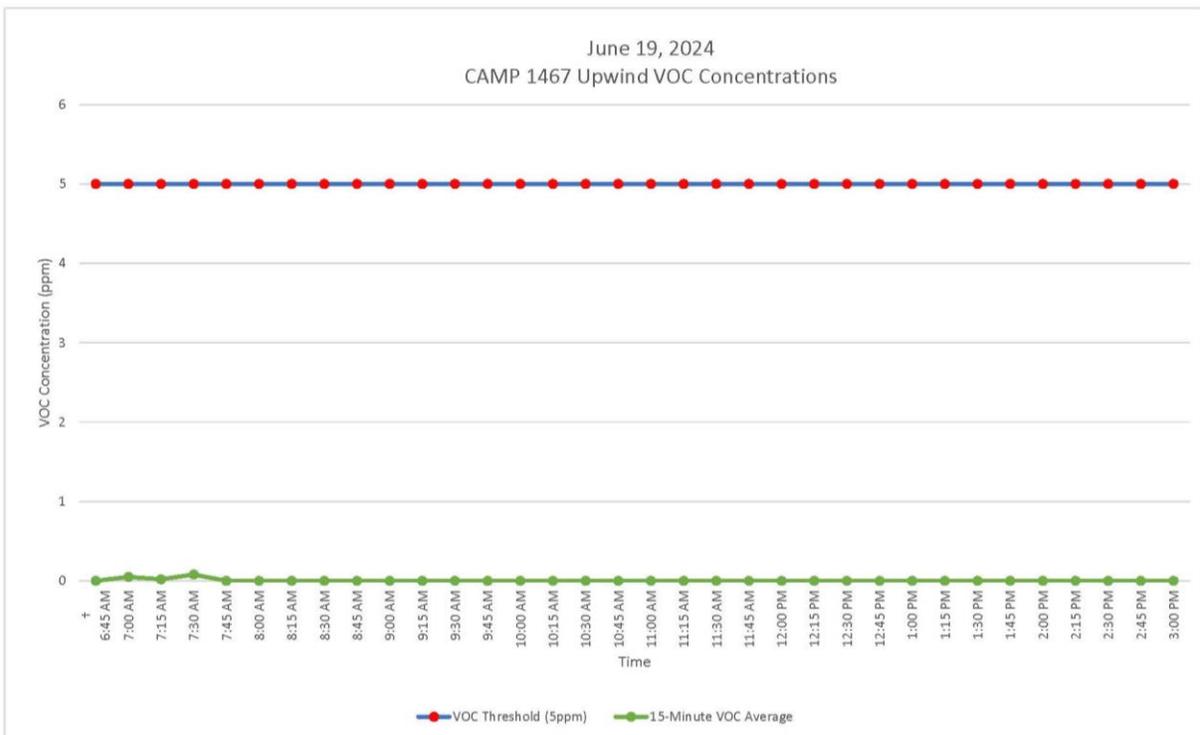
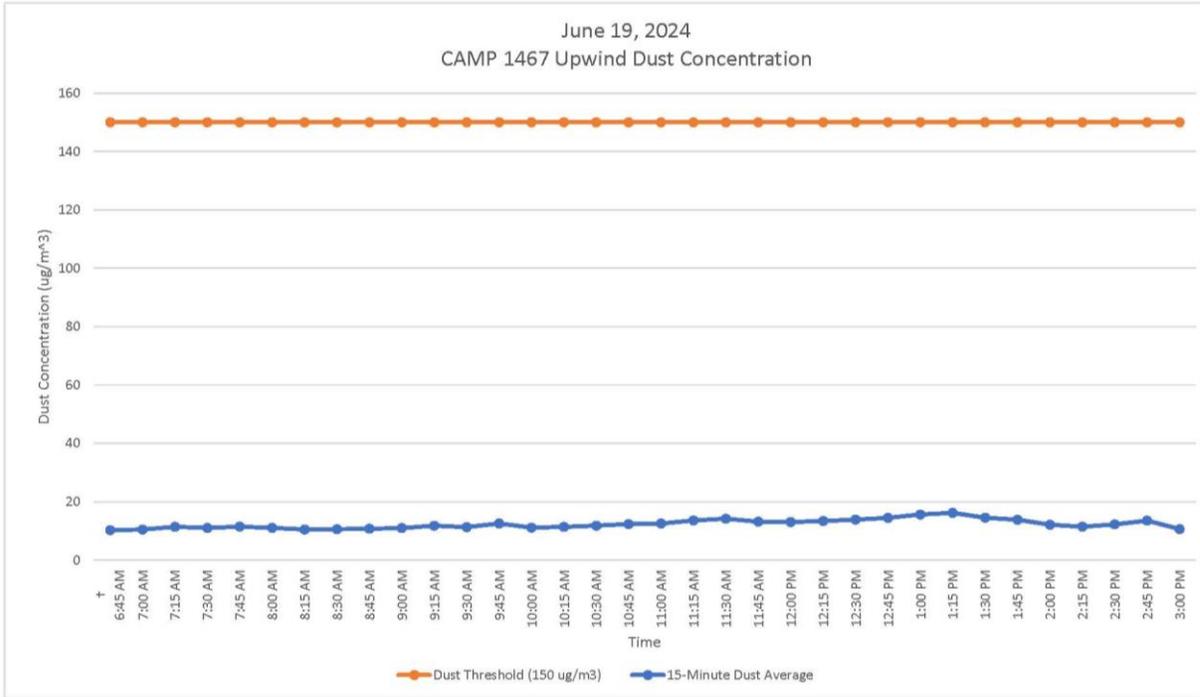
Daily Instrument Calibration Log

Date: June 19, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1		_____	
_____		_____	
Station 2		_____	
_____		_____	
_____		_____	
Hand Held	PID Model 580	SN: 592-602879	_____
Hand Held	SidePak	SN: 5202136003	_____
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1:	0.0	Data Ram 1:	10.29
PID 2:	0.0	Data Ram 2:	10.36



GZA DAILY FIELD SUMMARY 233

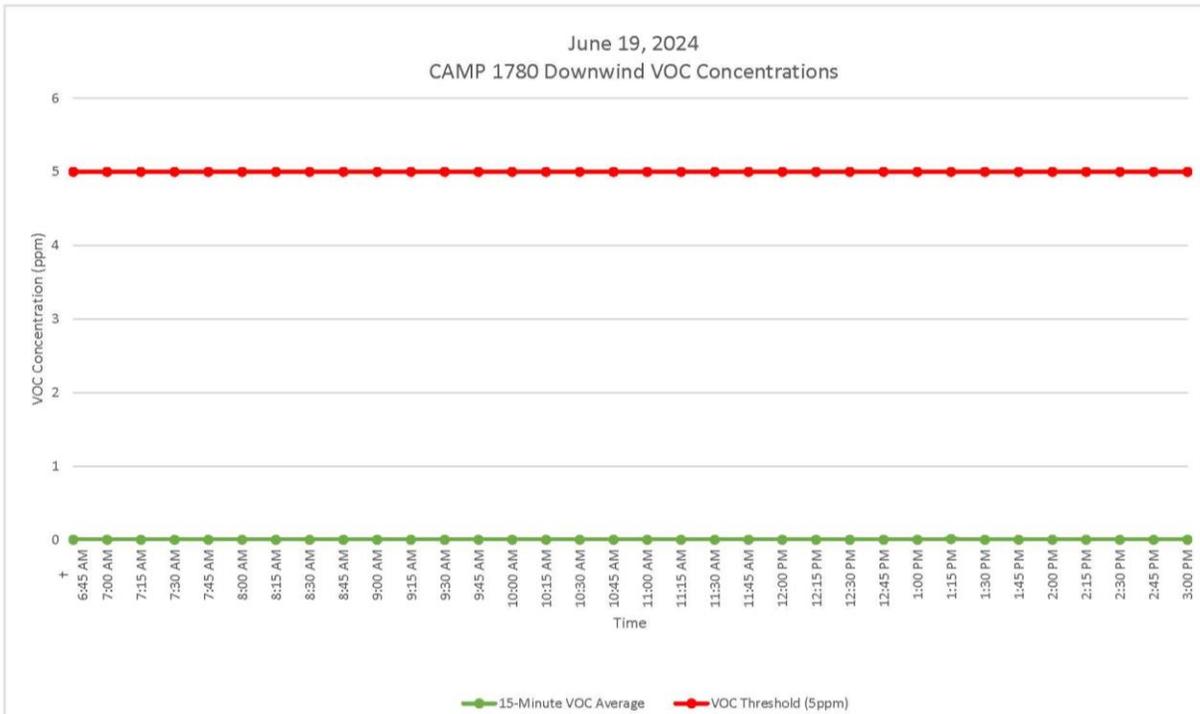
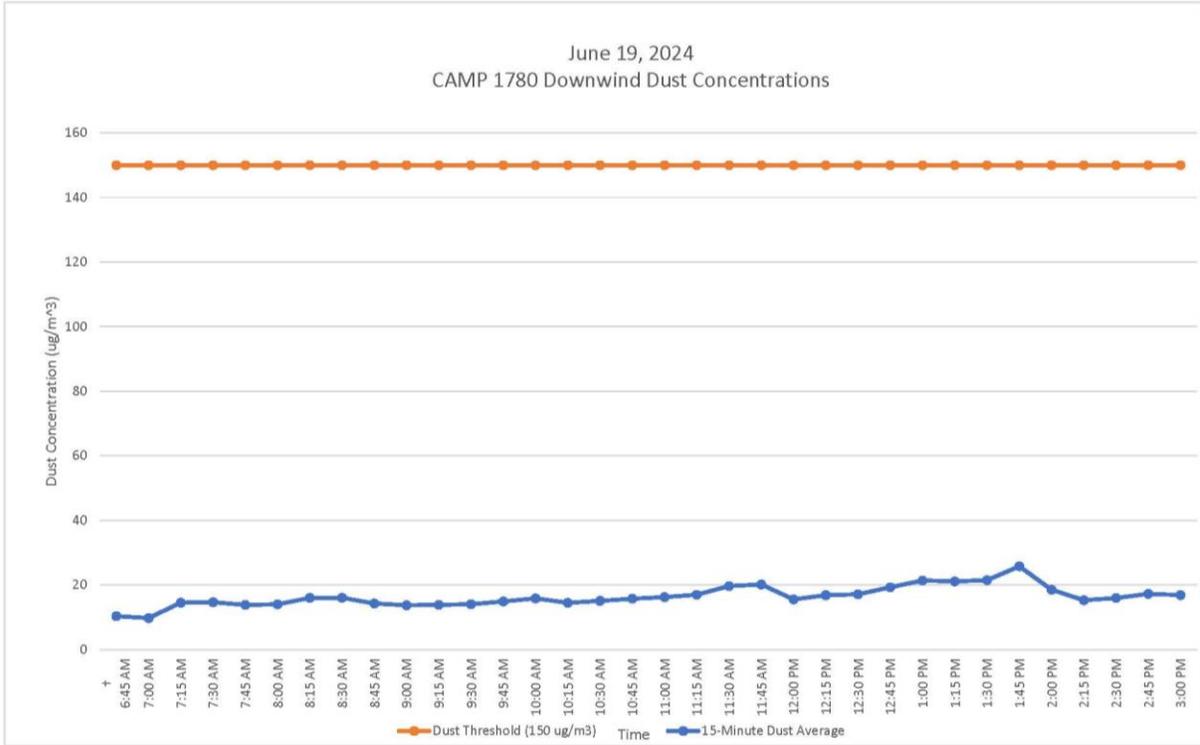
DATE: 6/19/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 233

DATE: 6/19/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 233

DATE: 6/19/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 233

DATE: 6/19/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	14	332.8	0	0	0	0	14	332.8
Previous	16	413.72	44	1,140.23	166	3,870.12	94	2,576.69	9	216.41	329	8,217.17
TOTAL	16	413.72	44	1,140.23	180	4,202.92	94	2,576.69	9	216.41	343	8,549.97



GZA DAILY FIELD SUMMARY 234

DATE: 6/20/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Mostly Cloudy
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	81.88°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	62.38°F
		MAX WIND SPEED	14 mph from SSE
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Thursday, June 20, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	LERA
	AEL



GZA DAILY FIELD SUMMARY 234

DATE: 6/20/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Thursday – 6/20/2024

Work Location (Attachment A): Grids A9, A10, B10, C1, C2, C3, C4, C5, C6, D1, D2, D3, D4, D5, and D6.

1. 3 truckloads of pipe sand from NAA - Weeks Marine, Inc., totaling 68.47 tons, were delivered to north of grids C1 and D1. The sand was used to backfill the area outside of the northern foundation wall in grids C1 and D1. An orange snow fence demarcation layer was placed prior to backfilling. J&A graded fill in the area following the delivery.
2. J&A placed Mirafi non-woven Geotextile and placed gas permeable aggregates over geotextile in grid B10.
3. J&A installed rebar over PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids A9 and A10.
4. J&A backfilled over the installed SSDS pipes in grids C1, C2, C3, D2, and D3 with gas permeable aggregates.
5. Lyndon/Metro installed steel beams and metal decking in grids C4, C5, C6, D4, D5, and D6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volvo ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 11.67 ug/m³

High Conditions – PID: 0.03 ppm, Particulates: 29.37 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- 3 truckloads (68.47 tons) of pipe sand were imported from North American Aggregates – Weeks Marine Inc. of New Jersey.



GZA DAILY FIELD SUMMARY 234

DATE: 6/20/2024
FILE NO: 41.0163097.00

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

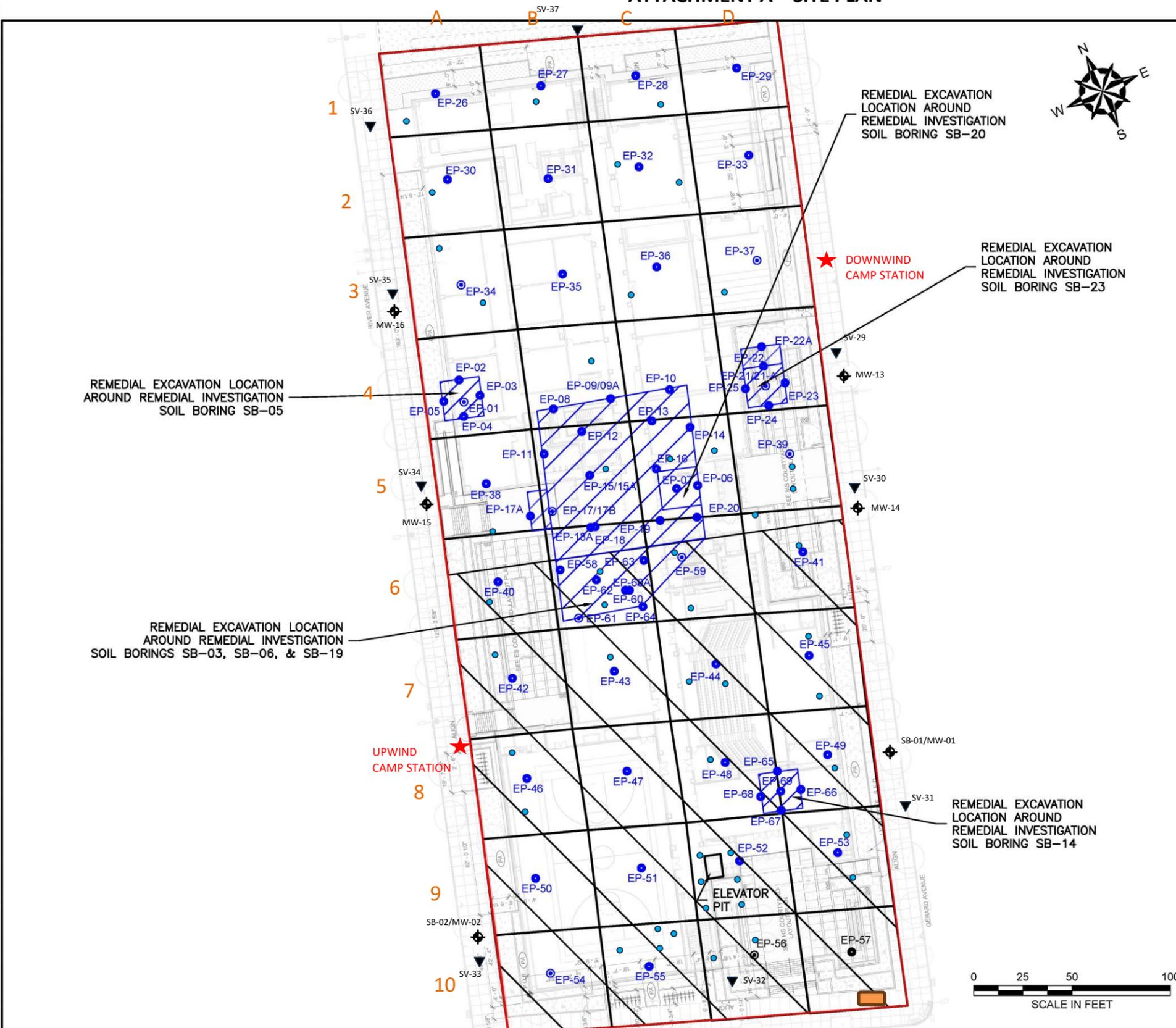


GZA DAILY FIELD SUMMARY 234

DATE: 6/20/2024
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



- GENERAL NOTES**
1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
 2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
 3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

- LEGEND**
- APPROXIMATE SITE BOUNDARY
 - EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
 - APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
 - REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
 - PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - ★ CAMP STATIONS
 - DEWATERING POINTS
 - DEWATERING SETTLING TANK
 - ▼ OFF-SITE SOIL VAPOR SAMPLING
 - ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION MONITORING WELL LOCATION

NO.		ISSUE/DESCRIPTION		BY	DATE
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.					
101 EAST 150TH STREET BRONX, NEW YORK, 10451					
INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN					
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com			PREPARED FOR: 586 RIVER AVE., LLC		
PROJ MGR: RPM	DESIGNED BY: RPM	REVIEWED BY: RPM	CHECKED BY: SMK	FIGURE	
DATE: JUNE 2024	DRAWN BY: JHB	PROJECT NO: 41.0163097.00	SCALE: 1"=50'	8	
			REVISION NO.:	SHEET NO.	



GZA DAILY FIELD SUMMARY 234

DATE: 6/20/2024
 FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

<p>Photo No. 1</p>	<p>Direction Photo Taken: Northeast</p>	<p>Photo No. 2</p>	<p>Direction Photo Taken Southeast</p>
			
<p>Description: Munoz Trucking Inc. delivering pipe sand from NAA - Weeks Marine, Inc., to the area north of grids C1 and D1.</p>		<p>Description: J&A grading the area north of grids C1 and D1 after backfilling.</p>	
<p>Photo No. 3</p>	<p>Direction Photo Taken: Southwest</p>	<p>Photo No. 4</p>	<p>Direction Photo Taken Southeast</p>
			
<p>Description: Rebar installed over waterproofing/vapor barrier in grids A9 and A10.</p>		<p>Description: Installation of Mirafi non-woven geotextile and backfilling with clean GPA in grid B10.</p>	



GZA DAILY FIELD SUMMARY 234

DATE: 6/20/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

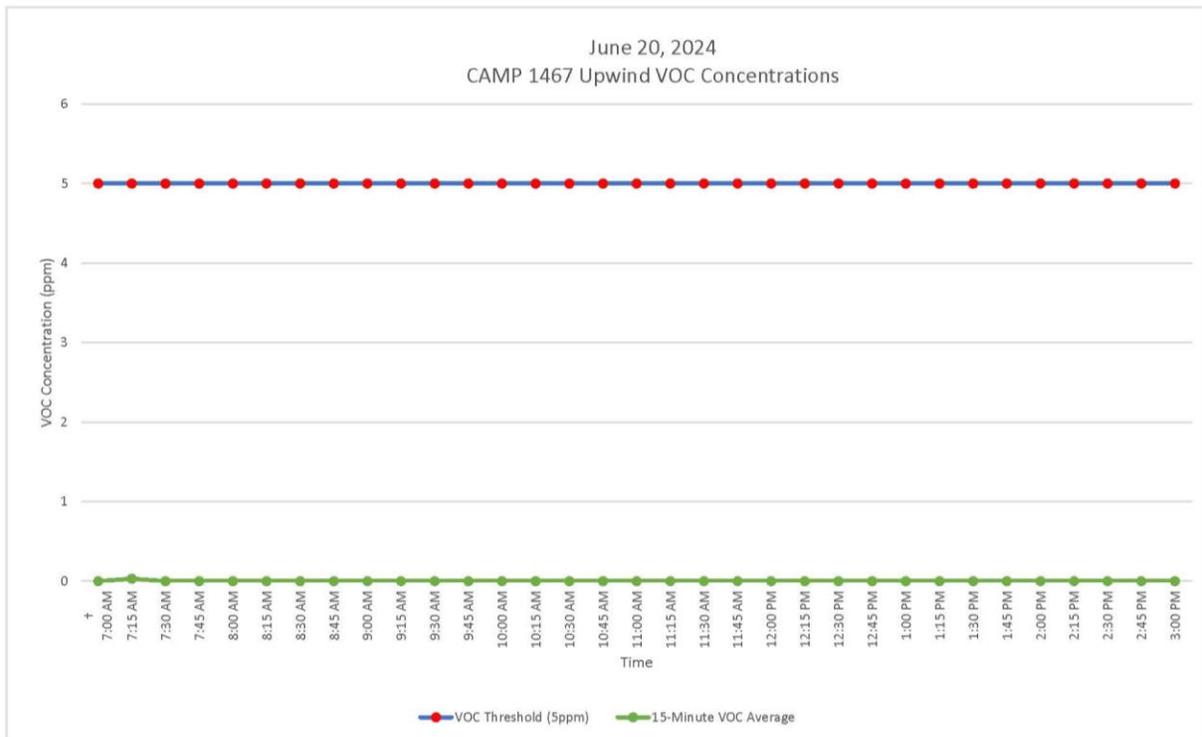
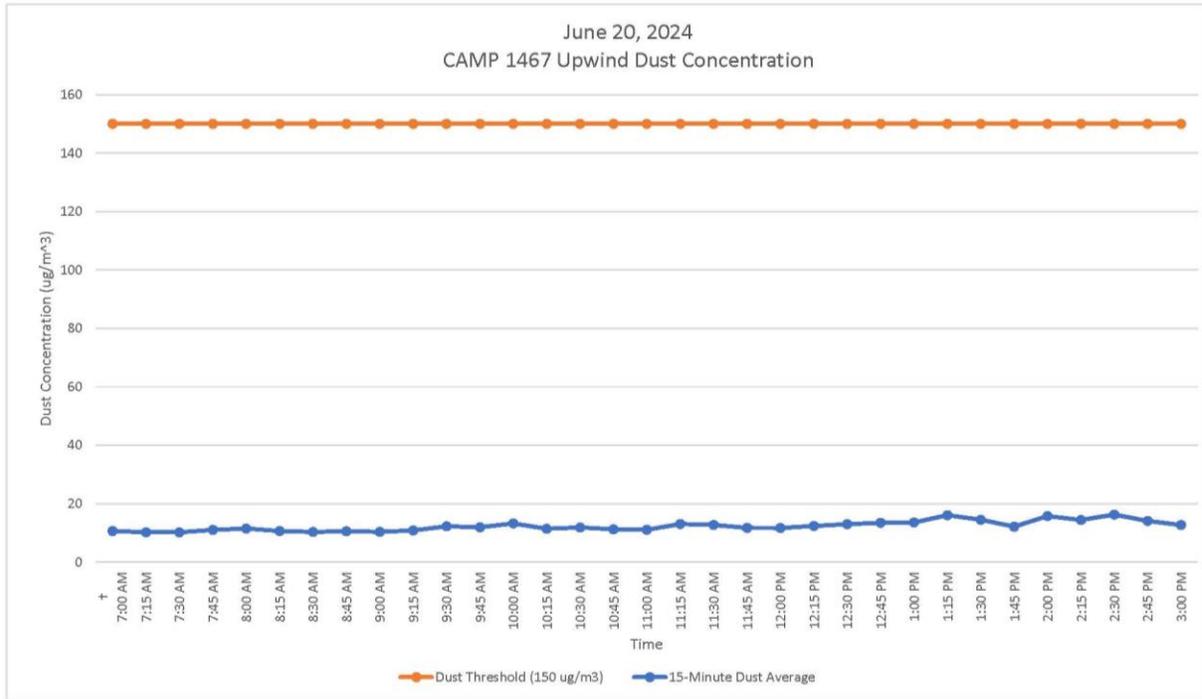
Daily Instrument Calibration Log

Date: June 20, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1		_____	
_____		_____	
Station 2		_____	
_____		_____	
_____		_____	
Hand Held	PID Model 580	SN: 592-602879	
	SidePak	SN: 5202136003	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>10.66</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>11.67</u>



GZA DAILY FIELD SUMMARY 234

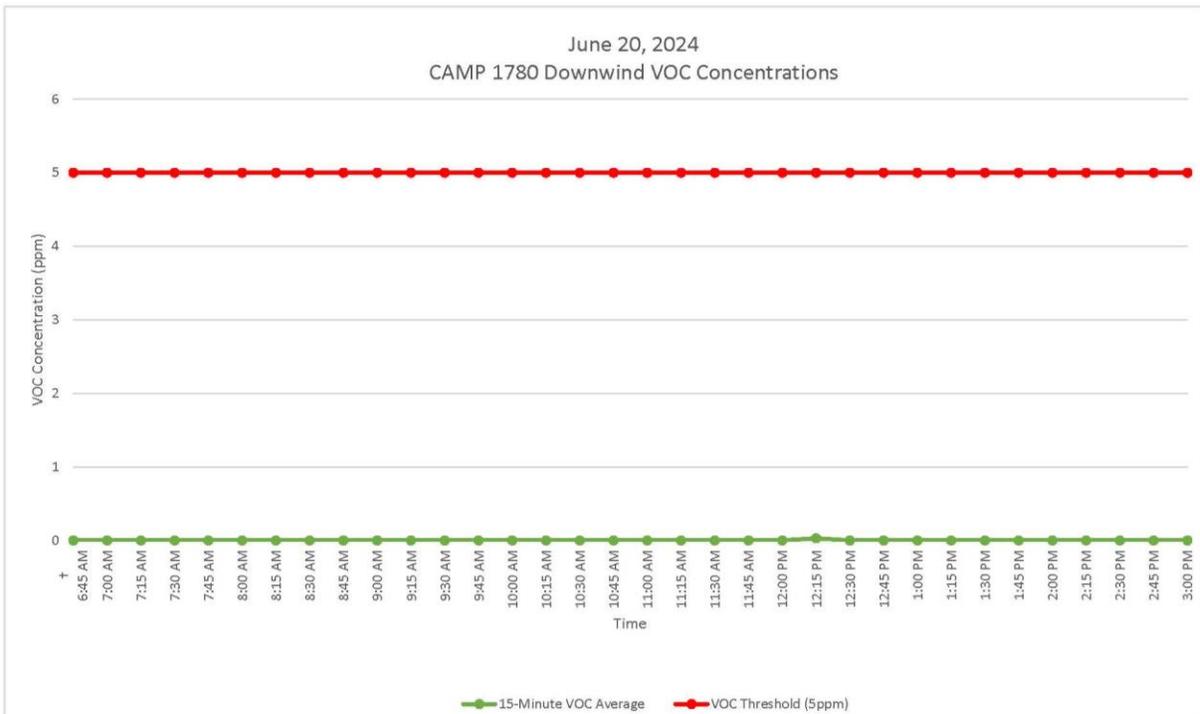
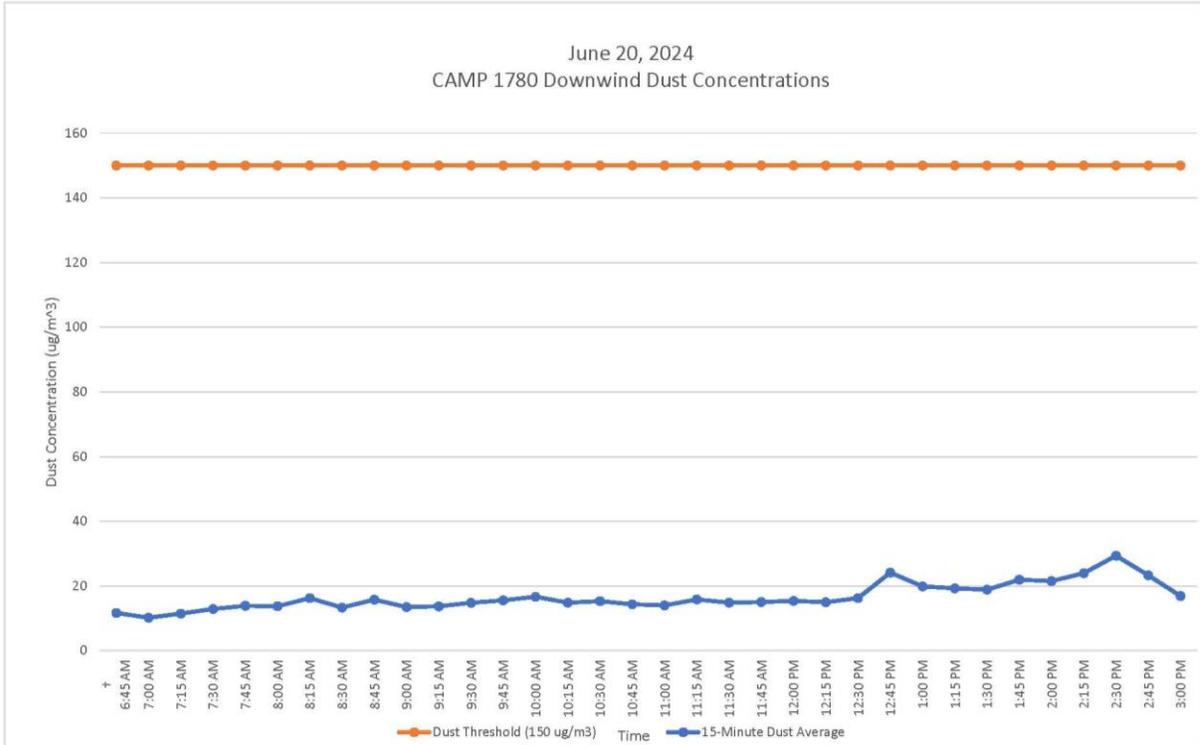
DATE: 6/20/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 234

DATE: 6/20/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 234

DATE: 6/20/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 234

DATE: 6/20/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	0	0	3	68.47	0	0	0	0	3	68.47
Previous	16	413.72	44	1,140.23	180	4,202.92	94	2,576.69	9	216.41	343	8,549.97
TOTAL	16	413.72	44	1,140.23	183	4,271.39	94	2,576.69	9	216.41	346	8,618.44



GZA DAILY FIELD SUMMARY 235

DATE: 6/21/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Fair
PREPARED BY:	Mark Frey (GZA)	AVE. TEMPERATURE	84.56°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	64.36°F
		MAX WIND SPEED	17 mph from S
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs D – Excavated Material Disposal Log E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Friday, June 21, 2024	
	PERSONNEL
QEP:	GZA
	Mark Frey
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
	Crown Waterproofing
SITE VISITORS:	LERA
	AEL



GZA DAILY FIELD SUMMARY 235

DATE: 6/21/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Friday – 6/21/2024

Work Location (Attachment A): Grids A1, A2, B1, C1, C2, C3, D1, D2, D3, D4, and D7.

1. 6 truckloads of GPA from Tilcon New York Inc., totaling 156.71 tons, were delivered to grids D7. The GPA was spread in grids C1, C2, C3, D1, D2, and D3 or kept in a stockpile in Grid D7.
2. 3 Truckloads of ¾" RCA Blend from Faztec Industries of Staten Island, NY, totaling 90.0 tons, were delivered.
3. Crown Waterproofing installing the vapor barrier/waterproofing in grids C1, C2, C3, D1, D2, and D3.
4. J&A backfilled over the installed SSDS pipes in grids C1, C2, C3, D2, and D3 with gas permeable aggregates.
5. J&A performed minor excavation under the building construction for electric and plumbing utility lines.
6. J&A poured concrete slab on the 1st floor deck in grid A1 and A2.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volve ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 13.04 ug/m³

High Conditions – PID: 0.06 ppm, Particulates: 25.56 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- 6 truckloads (156.71 tons) of GPA were imported from Tilcon New York, Inc. New York and 3 trucks of ¾ RCA Stone from Faztec Industries, Staten Island, NY.



GZA DAILY FIELD SUMMARY 235

DATE: 6/21/2024
FILE NO: 41.0163097.00

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

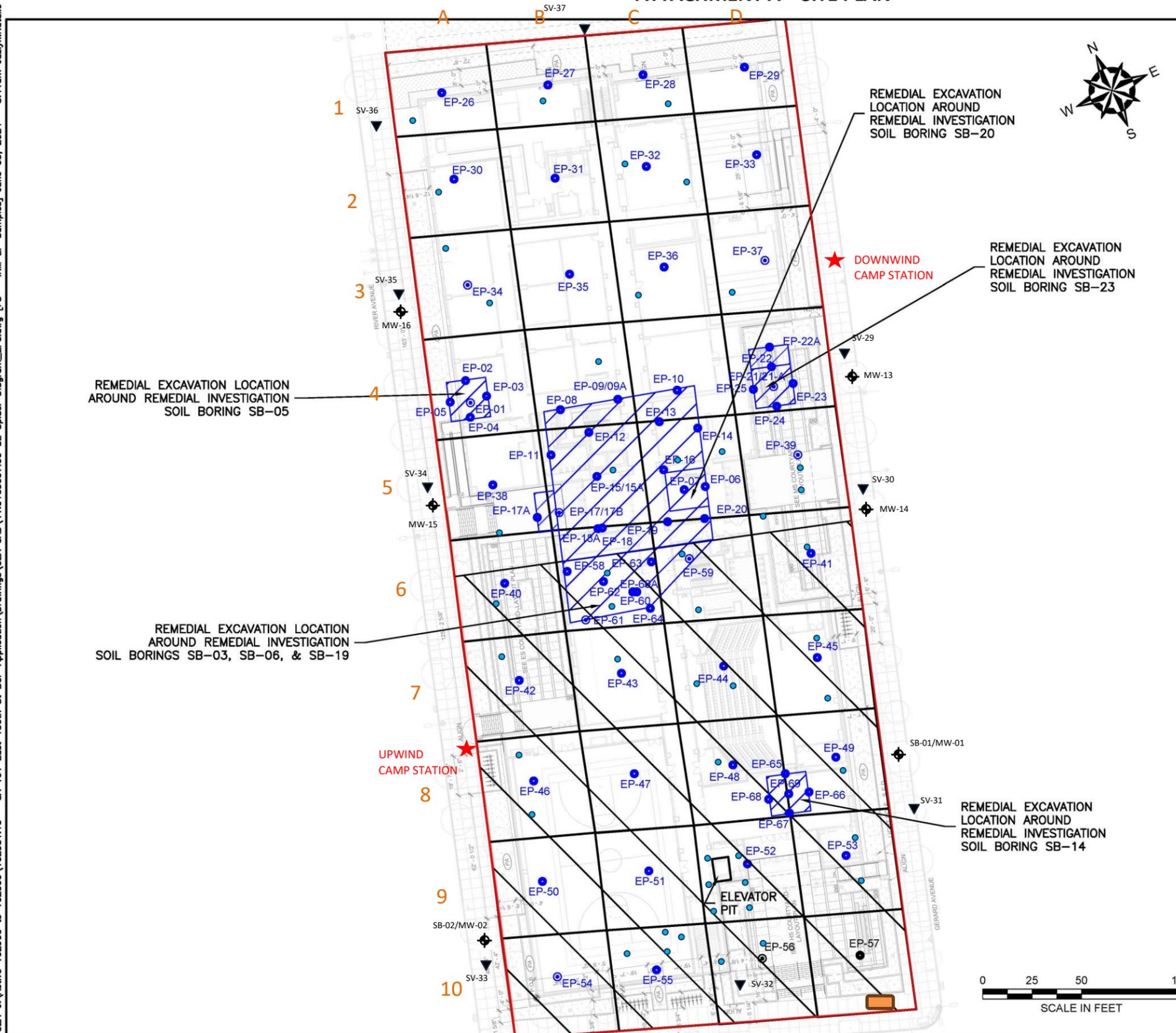


GZA DAILY FIELD SUMMARY 235

DATE: 6/21/2024
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



- GENERAL NOTES**
1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
 2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
 3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

- LEGEND**
- APPROXIMATE SITE BOUNDARY
 - EXTENT OF REMEDIATION EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIATION MEASURE - SOUTHERN EXTENT
 - APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
 - REMEDIATION EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
 - PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - ★ CAMP STATIONS
 - DEWATERING POINTS
 - DEWATERING SETTLING TANK
 - ▼ OFF-SITE SOIL VAPOR SAMPLING
 - ◆ EXISTING OFF-SITE REMEDIATION MONITORING WELL LOCATION

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
BRONX, NEW YORK, 10451

**INTERIM REMEDIATION MEASURE SOUTHERN EXTENT
ENDPOINT SAMPLE LOCATION PLAN**

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	DESIGNED BY: RPM	REVIEWED BY: RPM	DATE: JUNE 2024
DRAWN BY: JHB	PROJECT NO: 41.0163097.00	CHECKED BY: SMK	SCALE: 1"=50'
REVISION NO: -	FIGURE 8	SHEET NO.	





GZA DAILY FIELD SUMMARY 235

DATE: 6/21/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	West	2	Northwest
			
Description: Site at the beginning of the day.		Description: Crown waterproofing installing the vapor barrier in grids C2 and D2.	
3	South	4	Southeast
			
Description: J&A excavating in grid C3 for plumbing and electrical utility lines.		Description: J&A conducting a concrete slab pour for the deck in grid A1.	



GZA DAILY FIELD SUMMARY 235

DATE: 6/21/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

Date: June 21, 2024		Sampling Technician: Mark Frey	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____			

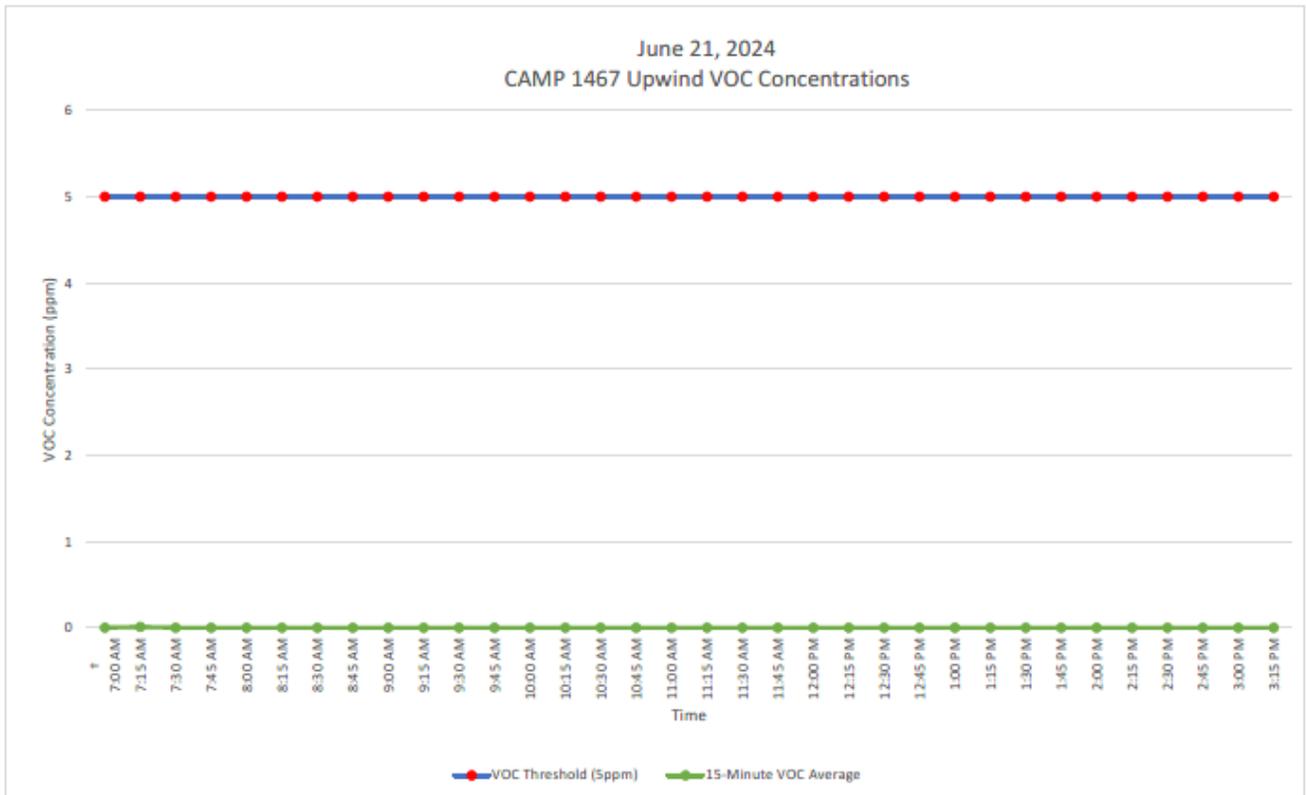
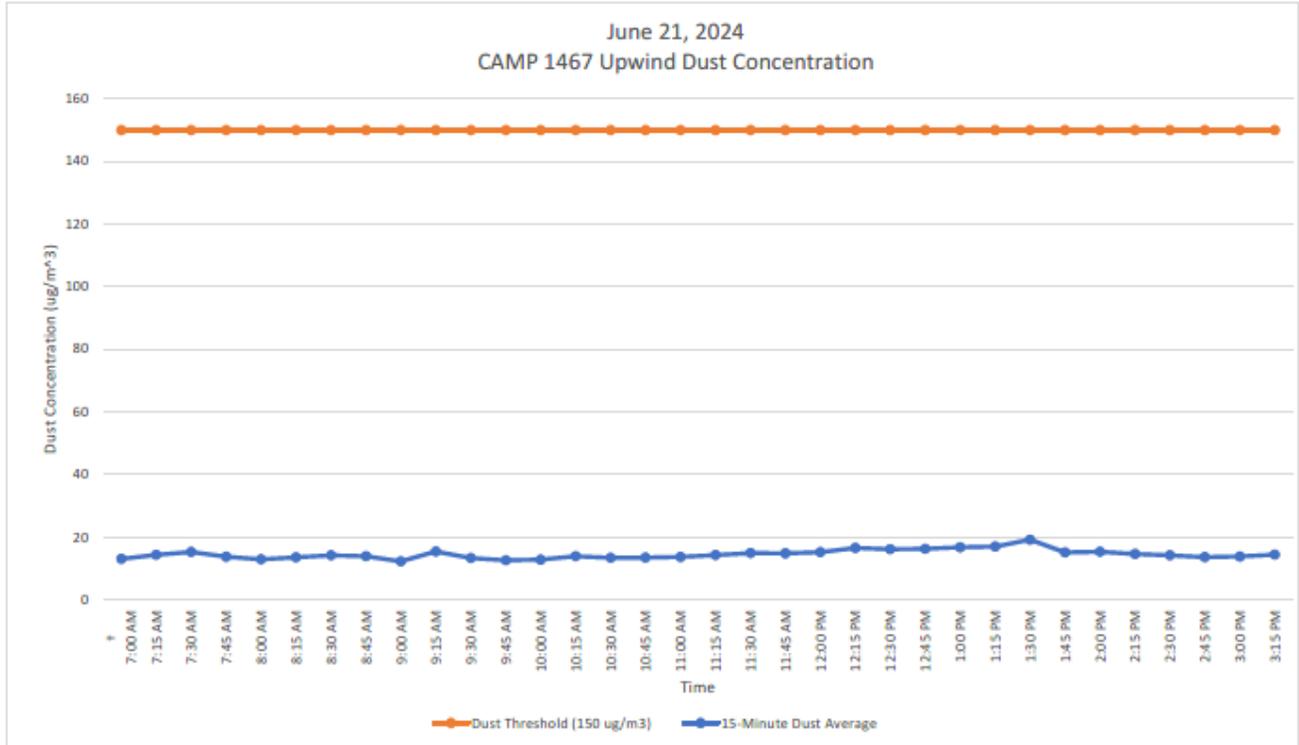
Station 2 _____			

Hand Held	PID Model 580	SN: 592-602879	
	SidePak	SN: 5202136003	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs:		Results/Comments:	
Instrument:		_____	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>13.04</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>11.51</u>



GZA DAILY FIELD SUMMARY 235

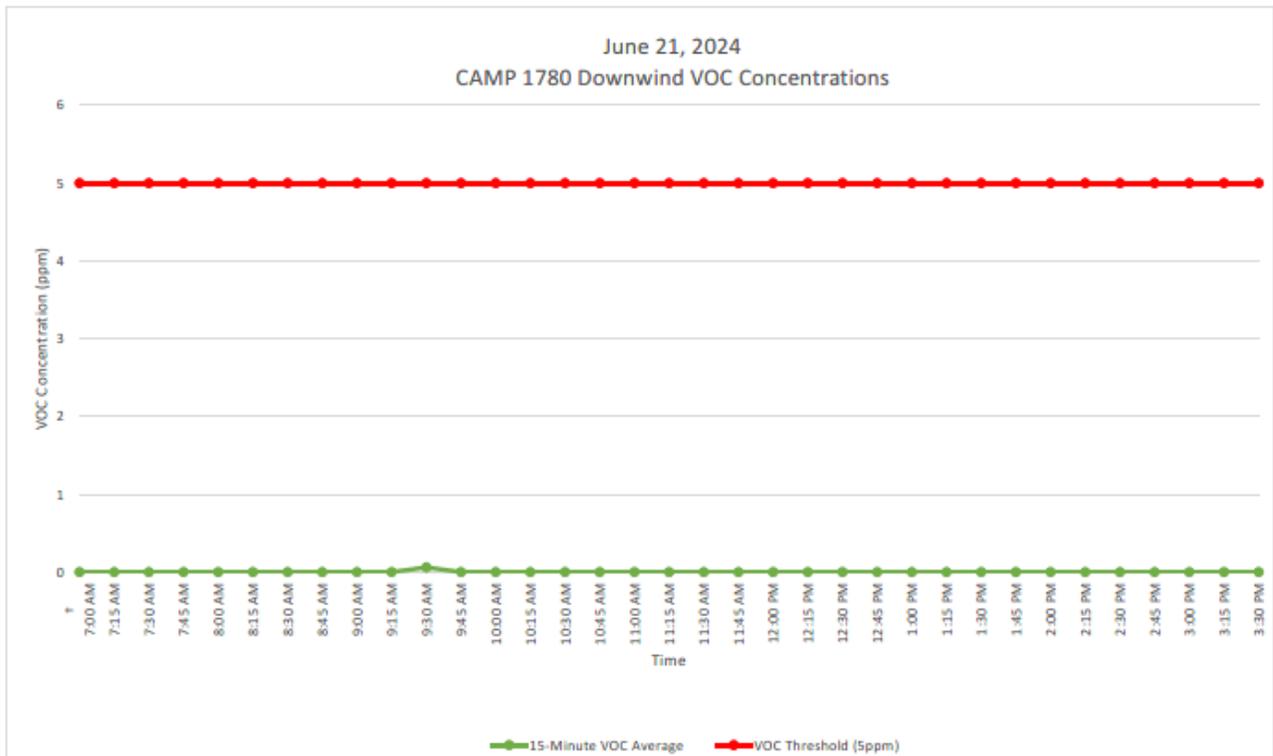
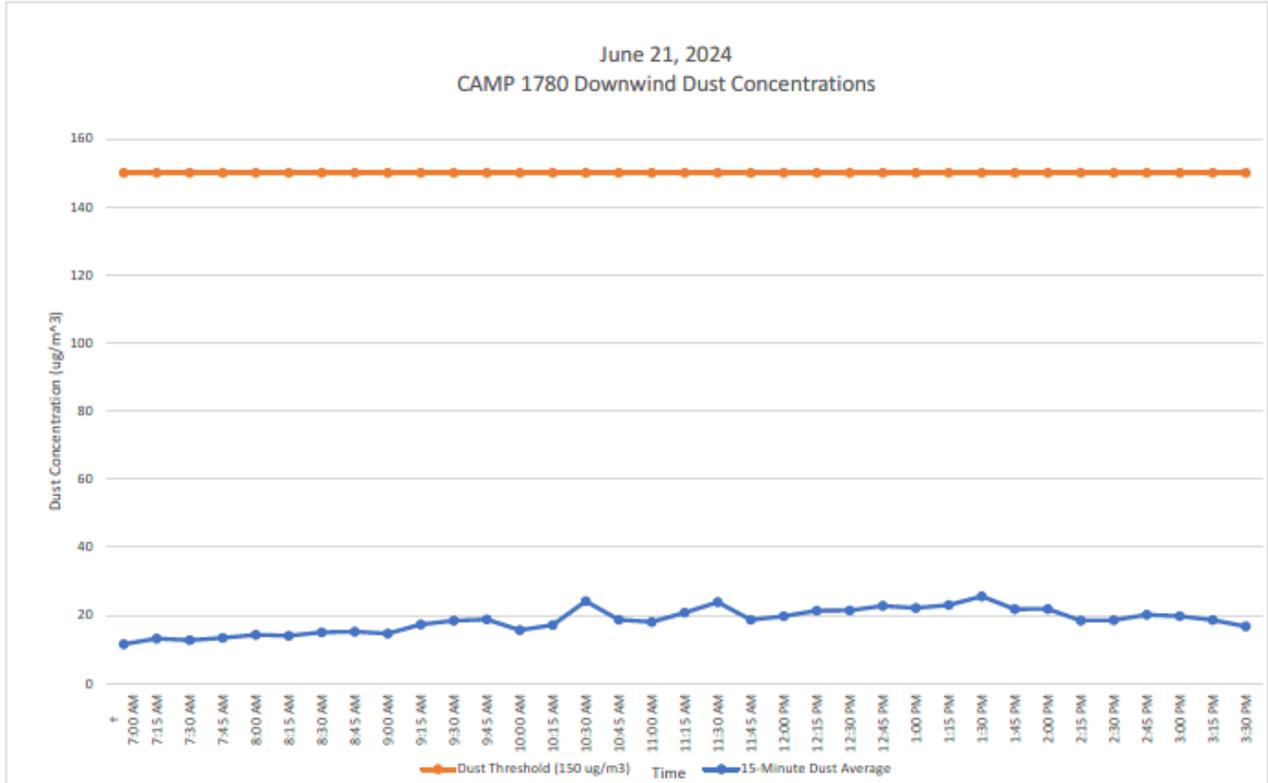
DATE: 6/21/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 235

DATE: 6/21/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 235

DATE: 6/21/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 235

DATE: 6/21/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS	
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks
Today	0	0	6	156.71	0	0	0	0	0	0	3	90	9	246.71
Previous	16	413.72	44	1,140.23	183	4,271.39	94	2,576.69	9	216.41	0	0	346	8,618.44
TOTAL	16	413.72	50	1,296.94	183	4,271.39	94	2,576.69	9	216.41	3	90	352	8,865.15



GZA DAILY FIELD SUMMARY 236

DATE: 6/24/2024
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Jazlyn Natalie (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Fair
AVE. TEMPERATURE 78.59°F
AVE. DEW POINT 59.12°F
MAX WIND SPEED 30 mph from WNW
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Daily Calibration and Air Monitoring Logs
D – Excavated Material Disposal Log
E – Imported Materials Log

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Monday, June 24, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
	Crown Waterproofing
SITE VISITORS:	LERA



GZA DAILY FIELD SUMMARY 236

DATE: 6/24/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Monday – 6/24/2024

Work Location (Attachment A): Grids A1, A2, B1, B2, B5, B6, C1, C2, C3, C5, C6, D1, D2, and D3.

1. Crown installed PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids C1, C2, C3, D1, D2, and D3. Seams and penetrations were sealed with PREPRUFE Tape LT and/or BITUTHENE® Liquid Membrane.
2. J&A poured concrete slab on the 5th floor deck in grid A1, A2, B1, and B2.
3. Lyndon/Metro installed steel beams and metal decking in grids B5, B6, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volvo ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 9.56 ug/m³

High Conditions – PID: 2.34 ppm, Particulates: 15.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.



GZA DAILY FIELD SUMMARY 236

DATE: 6/24/2024
FILE NO: 41.0163097.00

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

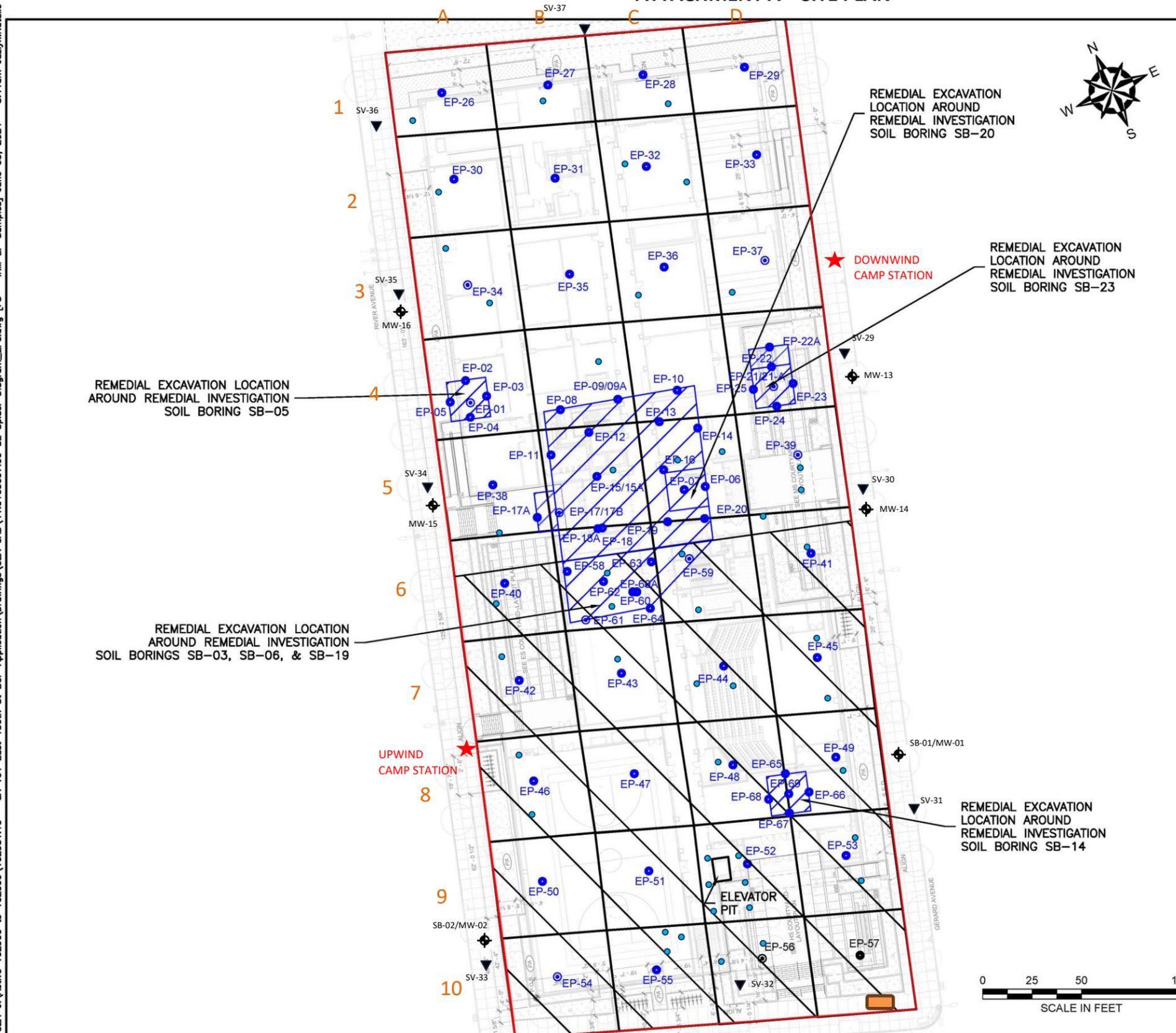


GZA DAILY FIELD SUMMARY 236

DATE: 6/24/2024
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EP.s.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
- APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
- REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
- PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- ★ CAMP STATIONS
- DEWATERING POINTS
- DEWATERING SETTLING TANK
- ▼ OFF-SITE SOIL VAPOR SAMPLING
- ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION MONITORING WELL LOCATION

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
BRONX, NEW YORK, 10451

INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	DESIGNED BY: RPM	REVIEWED BY: RPM	DATE: JUNE 2024
CHECKED BY: SMK	DRAWN BY: JHB	SCALE: 1"=50'	PROJECT NO: 41.0163097.00
FIGURE 8	REVISION NO.:	SHEET NO.	



GZA DAILY FIELD SUMMARY 236

DATE: 6/24/2024
 FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: West	Photo No. 2	Direction Photo Taken Southwest
			
Description: J&A pouring concrete slab on the 5 th floor deck in grid A1, A2, B1, and B2.		Description: PREPRUFE 300R Plus waterproofing/vapor barrier installed at the slab-on-grade locations in grids C1, C2, C3, D1, D2, and D3.	
Photo No. 3	Direction Photo Taken: Northeast	Photo No. 4	Direction Photo Taken South
			
Description: Waterproofing/vapor barrier sealing detail around SSDS risers.		Description: Waterproofing/vapor barrier sealing detail over SSDS pit SSD-13.	



GZA DAILY FIELD SUMMARY 236

DATE: 6/24/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

Date: June 24, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____			

Station 2 _____			

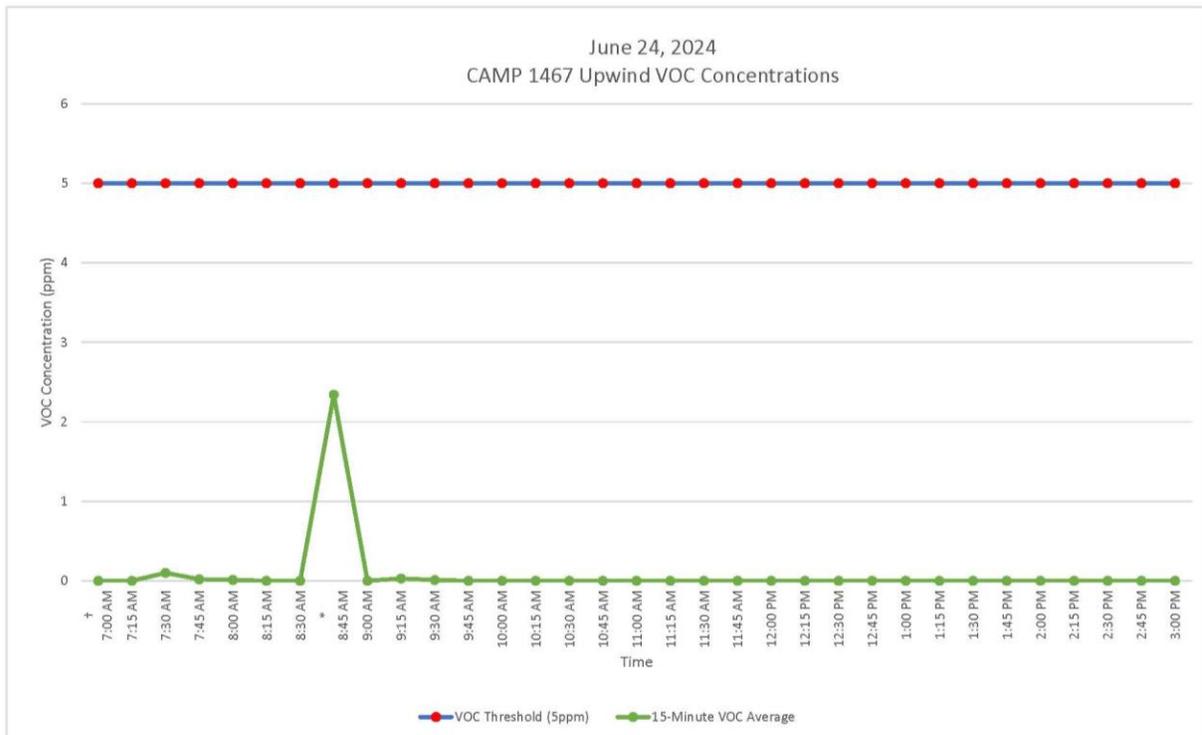
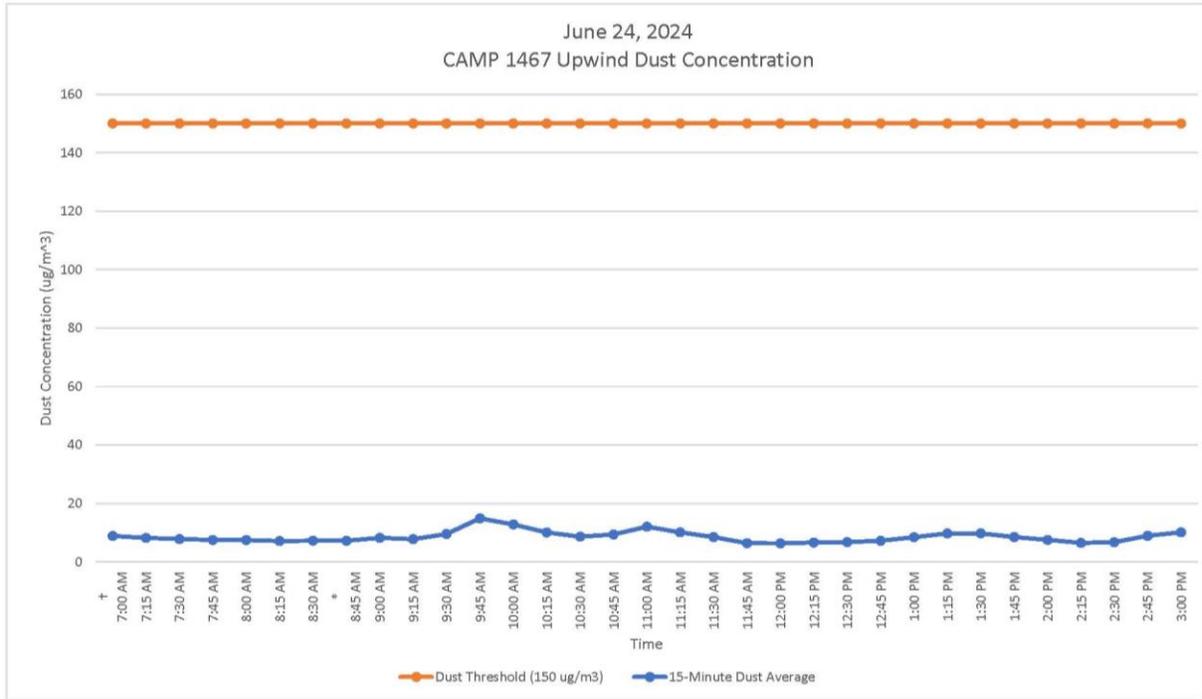
Hand Held	PID Model 580	SN: 592-602879	_____
Held	SidePak	SN: 5202136003	_____
Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1:	0.0	Data Ram 1:	8.88
PID 2:	0.0	Data Ram 2:	9.56



GZA DAILY FIELD SUMMARY 236

DATE: 6/24/2024

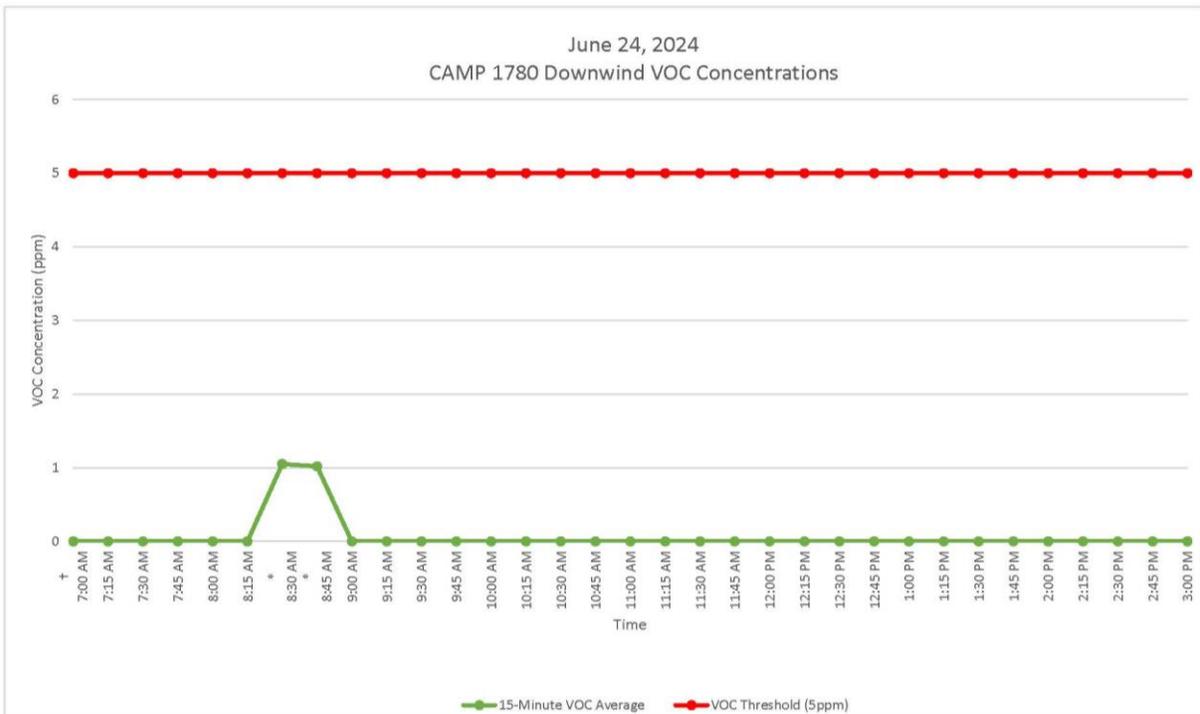
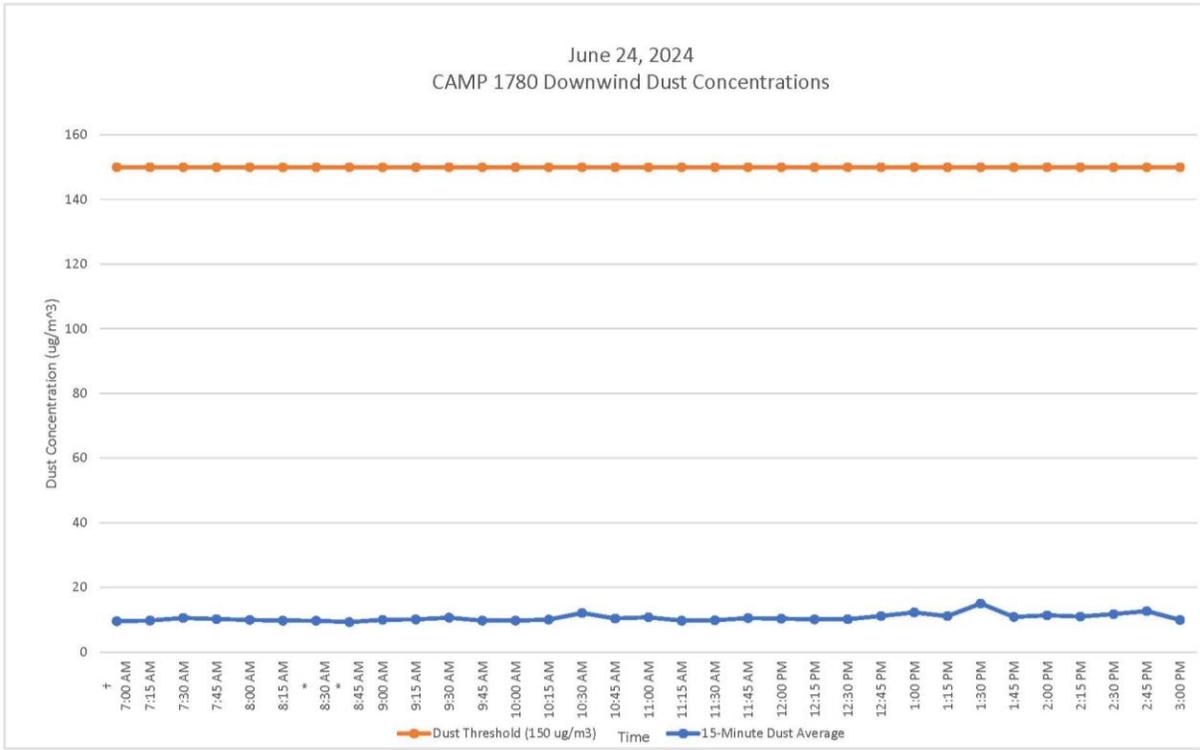
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 236

DATE: 6/24/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 236

DATE: 6/24/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 236

DATE: 6/24/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS		
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	50	1,296.94	183	4,271.39	94	2,576.69	9	216.41	3	90	352	8,865.15	
TOTAL	16	413.72	50	1,296.94	183	4,271.39	94	2,576.69	9	216.41	3	90	352	8,865.15	



GZA DAILY FIELD SUMMARY 237

DATE: 6/25/2024
FILE NO: 41.0163097.00

PROJECT:	101 East 150 th Street	LOCATION:	Bronx, New York
CLIENT:	586 River Ave., LLC	WEATHER:	Mostly Cloudy
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	80.67°F
REVIEWED BY:	Reinbill Maniquez (GZA)	AVE. DEW POINT	50.04°F
		MAX WIND SPEED	17 mph from W
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.00 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		
	D – Excavated Material Disposal Log		
	E – Imported Materials Log		

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Tuesday, June 25, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Drew Langer
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
	Crown Waterproofing
SITE VISITORS:	LERA
	MRCE



GZA DAILY FIELD SUMMARY 237

DATE: 6/25/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 6/25/2024

Work Location (Attachment A): Grids B2, B5, B6, B9, C2, C3, C4, C5, and C6.

1. J&A placed Mirafi non-woven Geotextile in grid C3, spread clean stone over geotextile, and installed the pit for SSD-14.
2. J&A poured concrete over electrical conduits in grids B2, C2, C3 and C4.
3. J&A performed minor excavation around pile in grid B9.
4. Lyndon/Metro installed steel beams and metal decking in grids B5, B6, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volvo ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 10.23 ug/m³

High Conditions – PID: 0.04 ppm, Particulates: 41.80 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.



GZA DAILY FIELD SUMMARY 237

DATE: 6/25/2024
FILE NO: 41.0163097.00

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

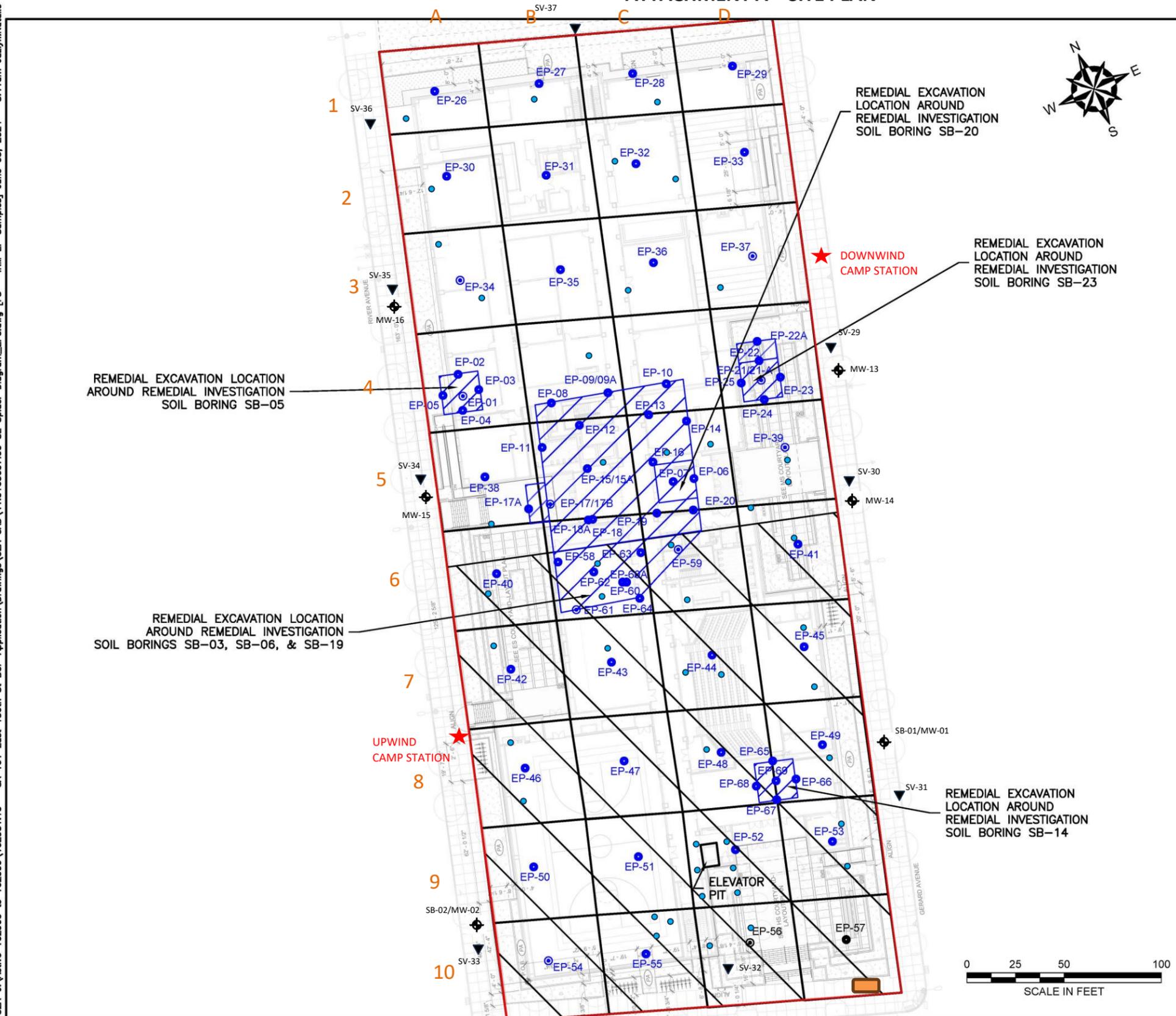


GZA DAILY FIELD SUMMARY 237

DATE: 6/25/2024
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



- ### GENERAL NOTES
1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
 2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
 3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

- ### LEGEND
- APPROXIMATE SITE BOUNDARY
 - EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
 - APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
 - REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
 - PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - ★ CAMP STATIONS
 - DEWATERING POINTS
 - DEWATERING SETTLING TANK
 - ▼ OFF-SITE SOIL VAPOR SAMPLING
 - ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION MONITORING WELL LOCATION

NO.		ISSUE/DESCRIPTION	BY	DATE
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.				
101 EAST 150TH STREET BRONX, NEW YORK, 10451				
INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN				
PREPARED BY:		PREPARED FOR:		
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		586 RIVER AVE., LLC		
PROJ MGR:	RPM	REVIEWED BY:	RPM	CHECKED BY:
DESIGNED BY:	RPM	DRAWN BY:	JHB	SCALE:
DATE:	JUNE 2024	PROJECT NO.:	41.0163097.00	REVISION NO.:
				FIGURE 8
				SHEET NO.



GZA DAILY FIELD SUMMARY 237

DATE: 6/25/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: Southeast	Photo No. 2	Direction Photo Taken Southeast
			
Description: Pit for SSD-14 installed in grid C3.		Description: The work area in grid C3 at the end of the day.	
Photo No. 3	Direction Photo Taken: Southeast	Photo No. 4	Direction Photo Taken Southwest
			
Description: Concrete poured over electrical conduits in grids C3 and C4.		Description: Minor excavation around pile in grid B9.	



GZA DAILY FIELD SUMMARY 237

DATE: 6/25/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

Date: June 25, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____			

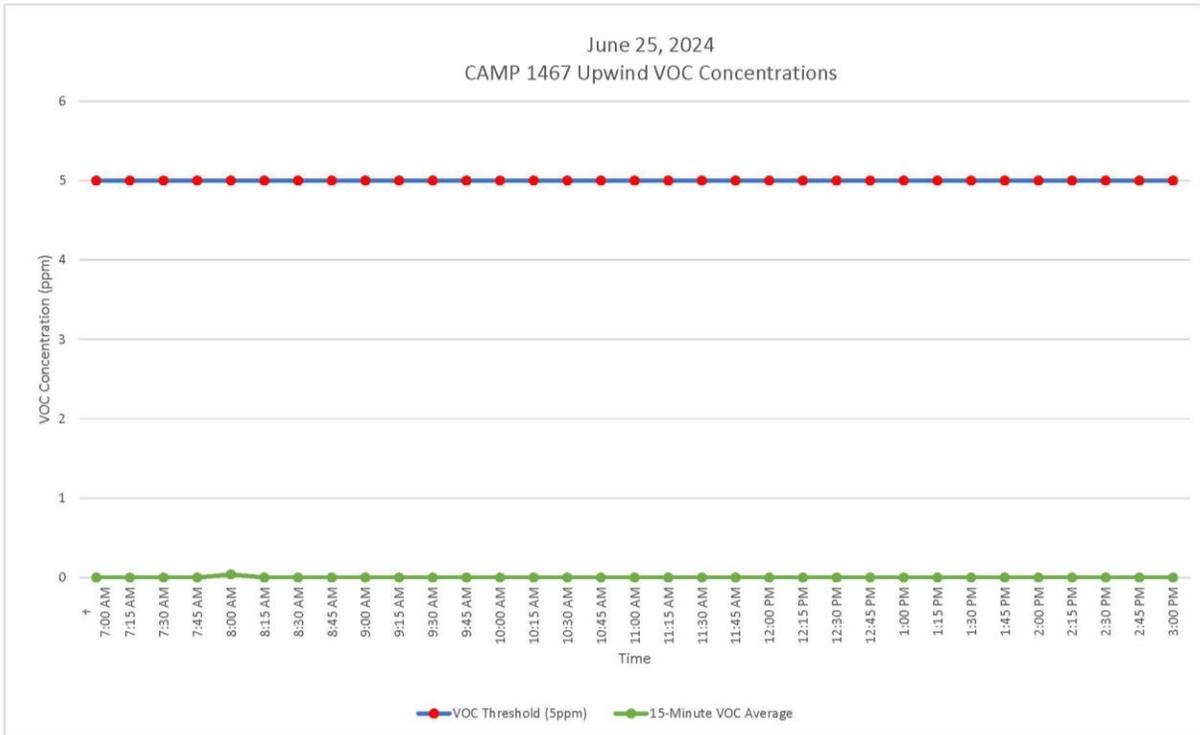
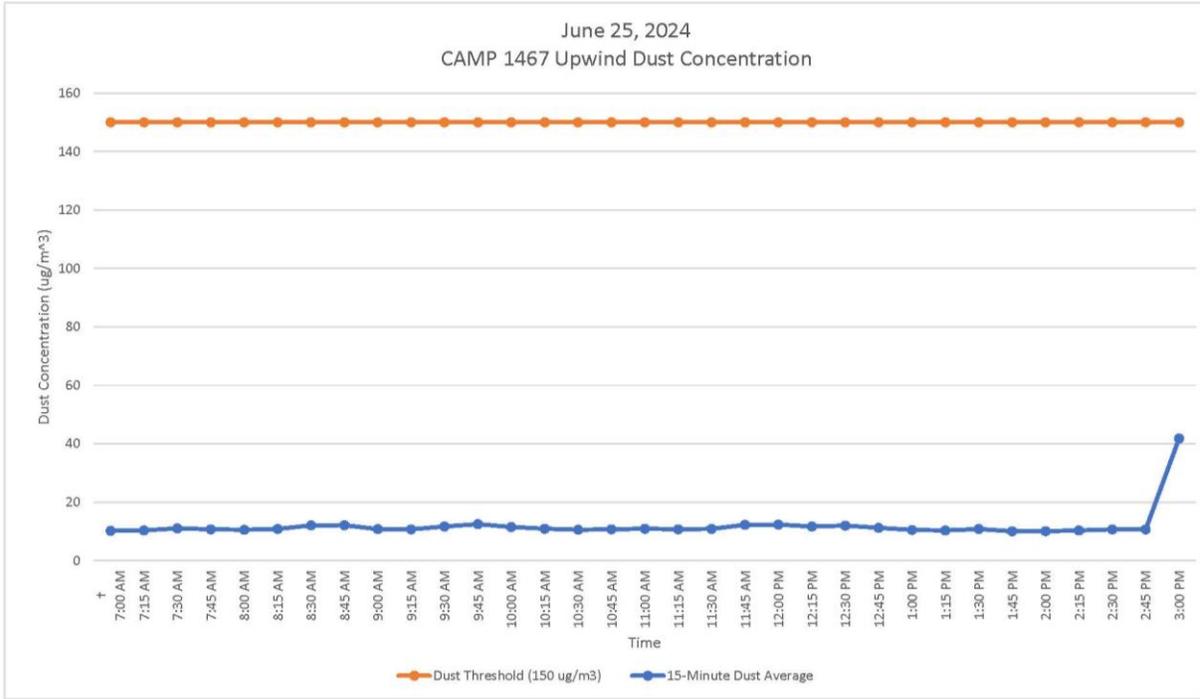
Station 2 _____			

Hand Held	PID Model 580	SN: 592-602879	_____
	SidePak	SN: 5202136003	_____
Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs:	Instrument:	Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1:	0.0	Data Ram 1:	10.23
PID 2:	0.0	Data Ram 2:	9.82



GZA DAILY FIELD SUMMARY 237

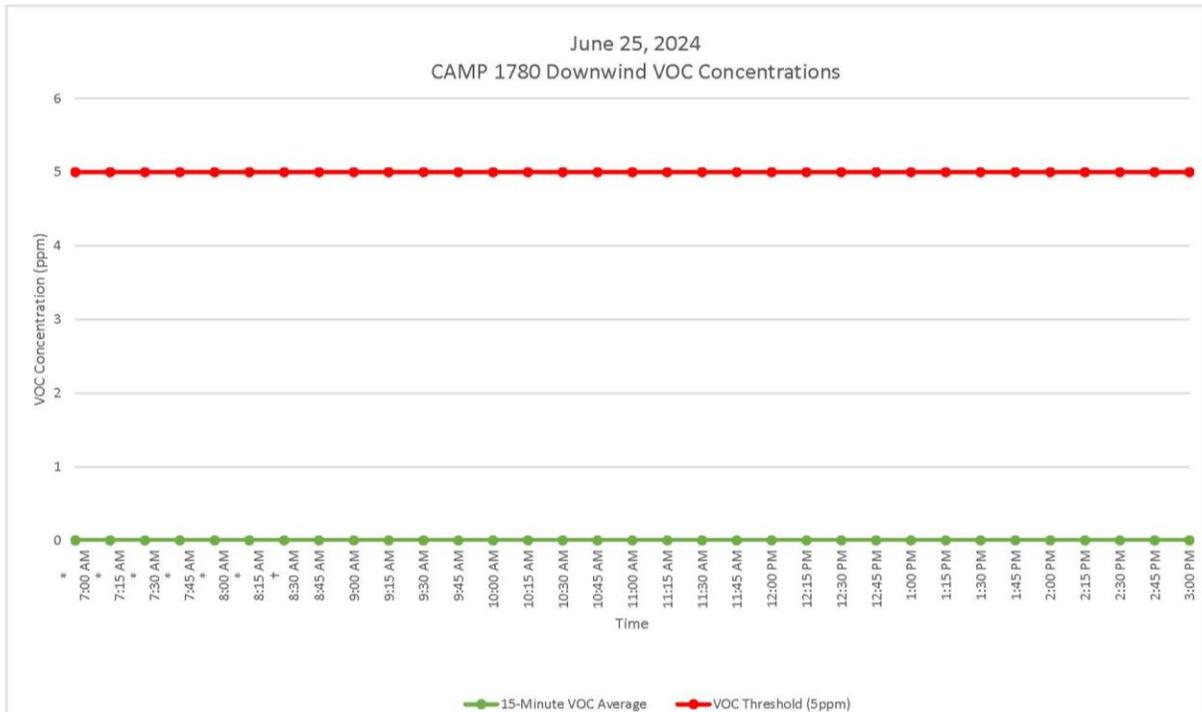
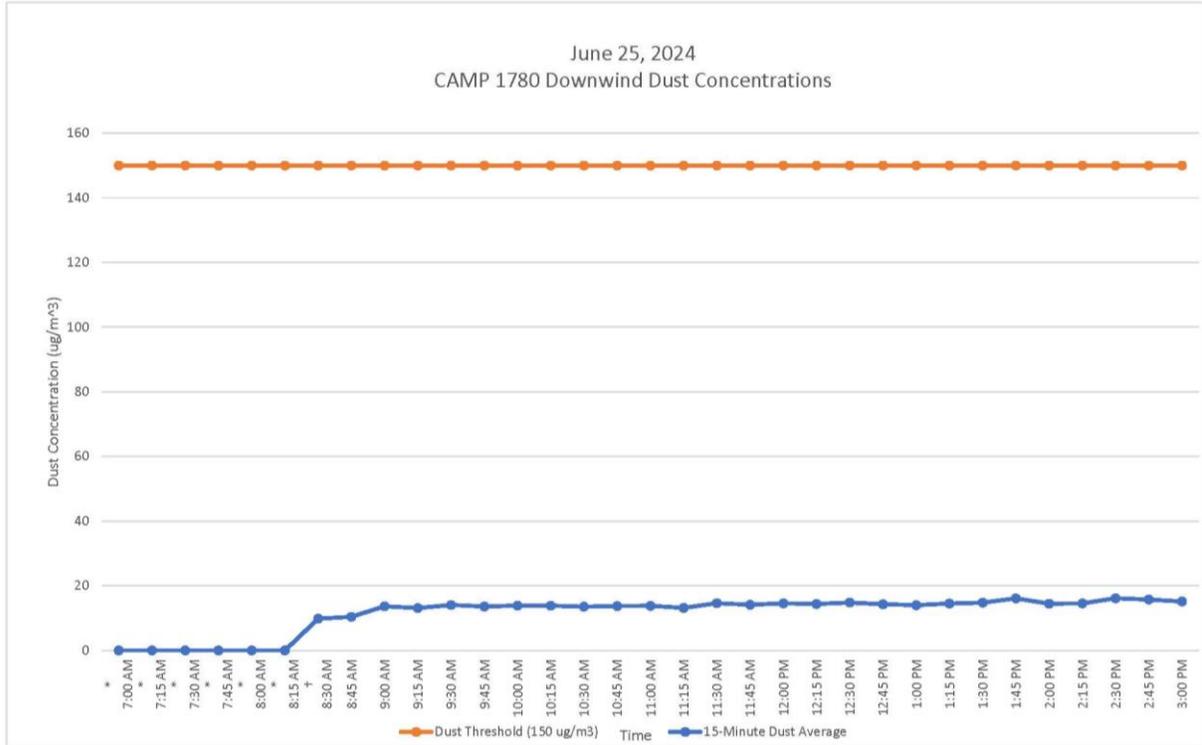
DATE: 6/25/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 237

DATE: 6/25/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 237

DATE: 6/25/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 237

DATE: 6/25/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS		
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	50	1,296.94	183	4,271.39	94	2,576.69	9	216.41	3	90	352	8,865.15	
TOTAL	16	413.72	50	1,296.94	183	4,271.39	94	2,576.69	9	216.41	3	90	352	8,865.15	



GZA DAILY FIELD SUMMARY 238

DATE: 6/26/2024
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Jazlyn Natalie (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Mostly Cloudy
AVE. TEMPERATURE 81.73°F
AVE. DEW POINT 59.93°F
MAX WIND SPEED 16 mph from SSW
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Daily Calibration and Air Monitoring Logs
D – Excavated Material Disposal Log
E – Imported Materials Log

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Wednesday, June 26, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Drew Langer
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
	Crown Waterproofing
SITE VISITORS:	LERA
	MRCE



GZA DAILY FIELD SUMMARY 238

DATE: 6/26/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 6/26/2024

Work Location (Attachment A): Grids A1, A2, A8, A9, A10, B1, B2, B5, B6, B9, C2, C3, C4, C5, C6, D2, D3, D4, D5.

1. Crown installed PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids C2, C3, D2, and D3. Seams and penetrations were sealed with PREPRUFE Tape LT and/or BITUTHENE® Liquid Membrane.
2. J&A installed rebar over PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids A8, A9, and A10.
3. J&A placed Mirafi non-woven Geotextile in grid B9 and spread clean stone over geotextile.
4. J&A performed minor backfilling and grading over buried electrical conduits in grids C3 and C4.
5. J&A performed trench excavation for utility conduits in grids D4 and D5.
6. J&A poured concrete slab on the 4th floor deck in grid A1, A2, B1, and B2.
7. Lyndon/Metro installed steel beams and metal decking in grids B5, B6, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volve ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 16.24 ug/m³

High Conditions – PID: 0.03 ppm, Particulates: 18.65 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.



GZA DAILY FIELD SUMMARY 238

DATE: 6/26/2024
FILE NO: 41.0163097.00

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

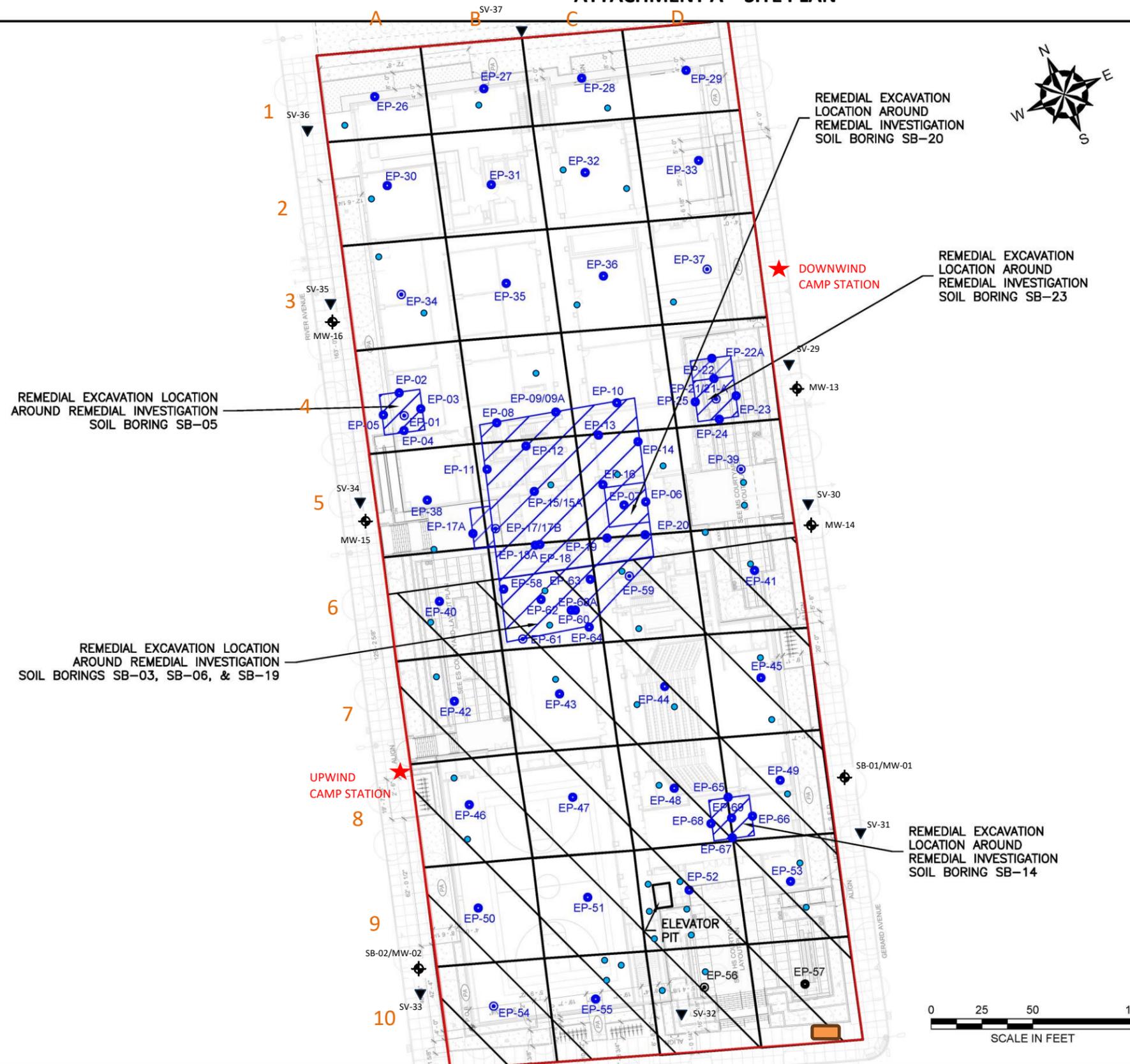


GZA DAILY FIELD SUMMARY 238

DATE: 6/26/2024
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY, GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



- GENERAL NOTES**
1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
 2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
 3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

- LEGEND**
- APPROXIMATE SITE BOUNDARY
 - EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
 - APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
 - REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
 - PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
 - ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
 - ★ CAMP STATIONS
 - DEWATERING POINTS
 - DEWATERING SETTLING TANK
 - ▼ OFF-SITE SOIL VAPOR SAMPLING
 - ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION
 - ◆ MONITORING WELL LOCATION

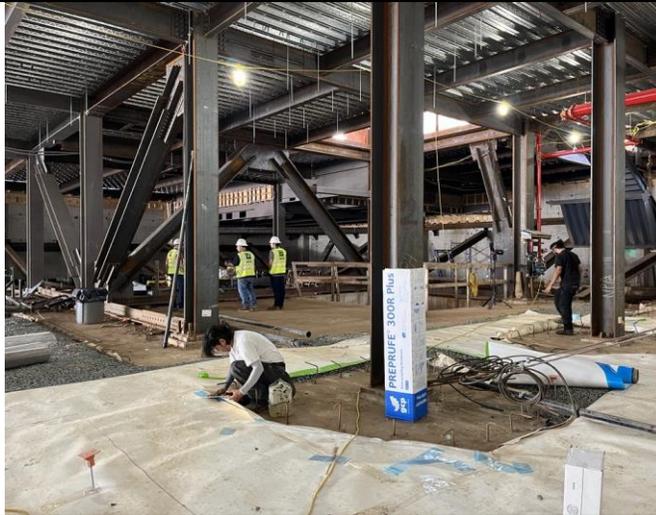
NO.		ISSUE/DESCRIPTION		BY	DATE
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.					
101 EAST 150TH STREET BRONX, NEW YORK, 10451					
INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN					
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com			PREPARED FOR: 586 RIVER AVE., LLC		
PROJ MGR: RPM	DESIGNED BY: RPM	DATE: JUNE 2024	REVIEWED BY: RPM	DRAWN BY: JHB	PROJECT NO: 41.0163097.00
			CHECKED BY: SMK	SCALE: 1"=50'	REVISION NO: -
					FIGURE 8 SHEET NO.



GZA DAILY FIELD SUMMARY 238

DATE: 6/26/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: West	Photo No. 2	Direction Photo Taken Northwest
			
Description: J&A pouring concrete slab on the 4 th floor deck in grid A1, A2, B1, and B2.		Description: Crown installing PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids C2 and C3.	
Photo No. 3	Direction Photo Taken: Southwest	Photo No. 4	Direction Photo Taken Southeast
			
Description: Rebar installed at the slab-on-grade locations in grids A8, A9, and A10.		Description: Excavation for utility conduits in grid A4.	



GZA DAILY FIELD SUMMARY 238

DATE: 6/26/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

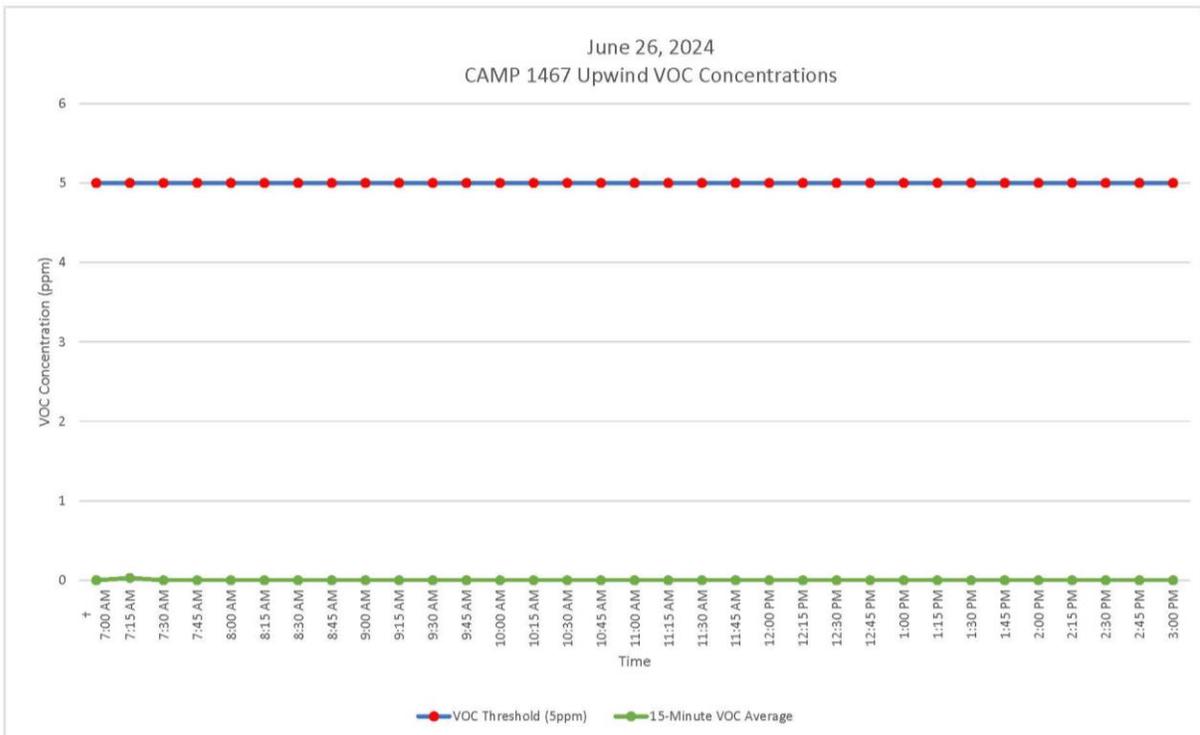
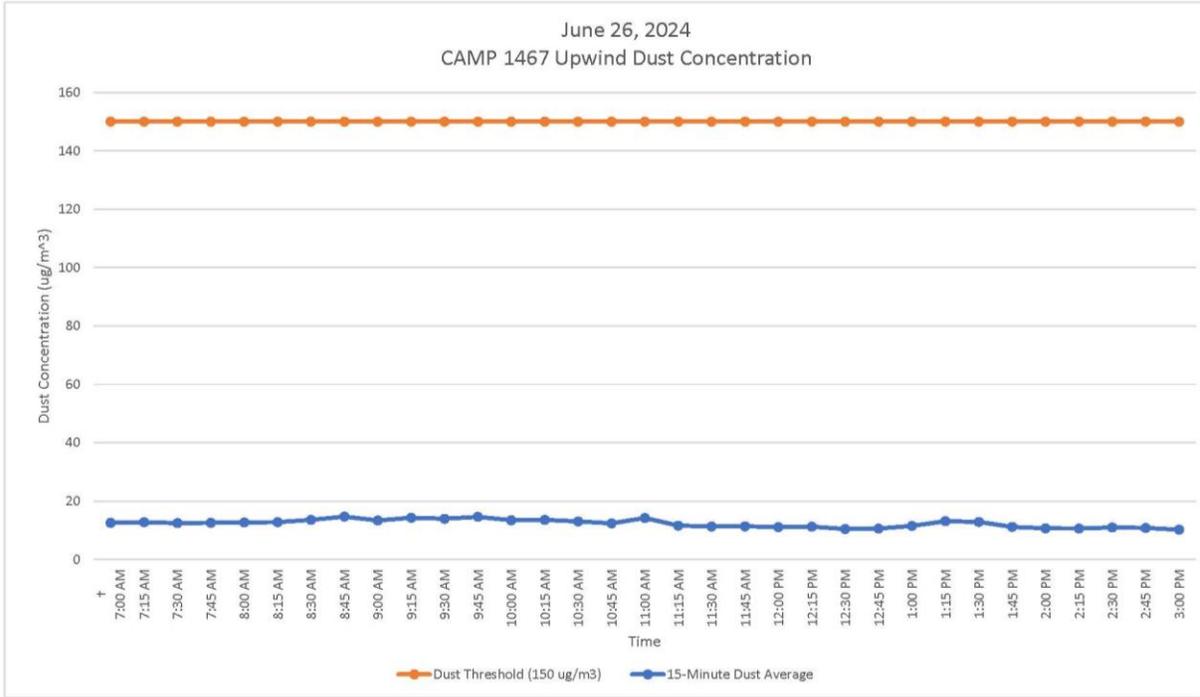
Date: June 26, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____		_____	
Station 2 _____		_____	
_____		_____	
Hand Held PID Model 580 SN: 592-602879		_____	
SidePak SN: 5202136003		_____	
Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs:	Instrument:	Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1:	0.0	Data Ram 1:	12.56
PID 2:	0.0	Data Ram 2:	16.24



GZA DAILY FIELD SUMMARY 238

DATE: 6/26/2024

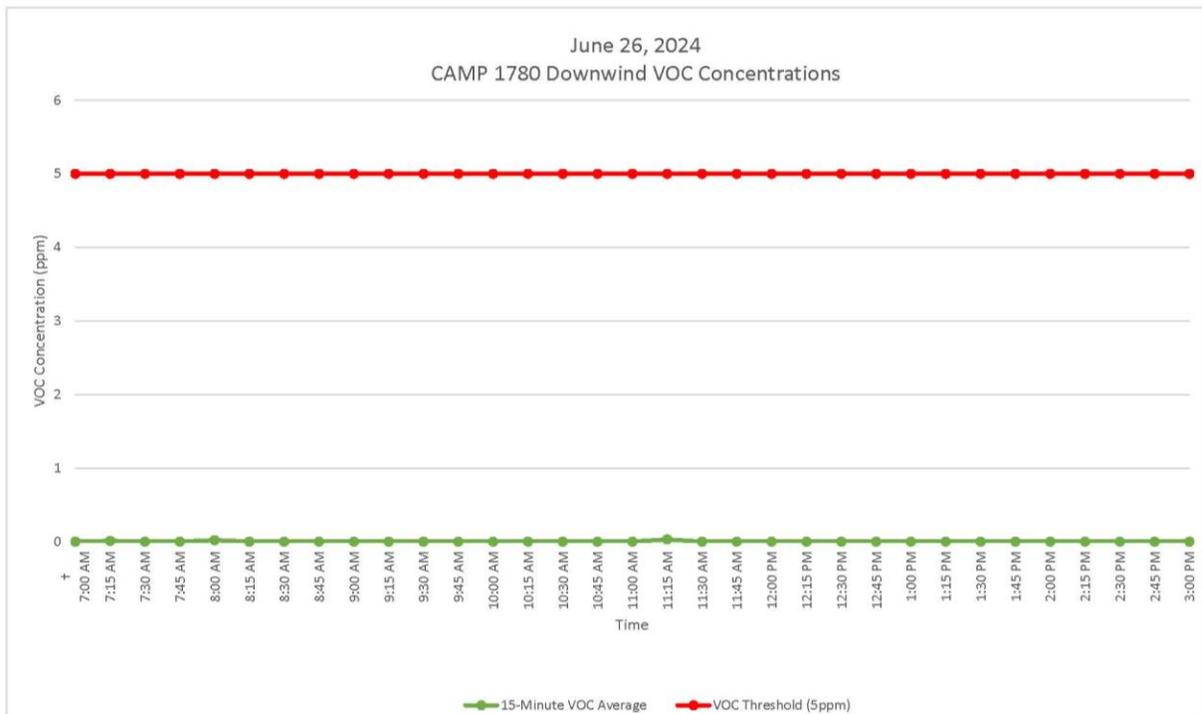
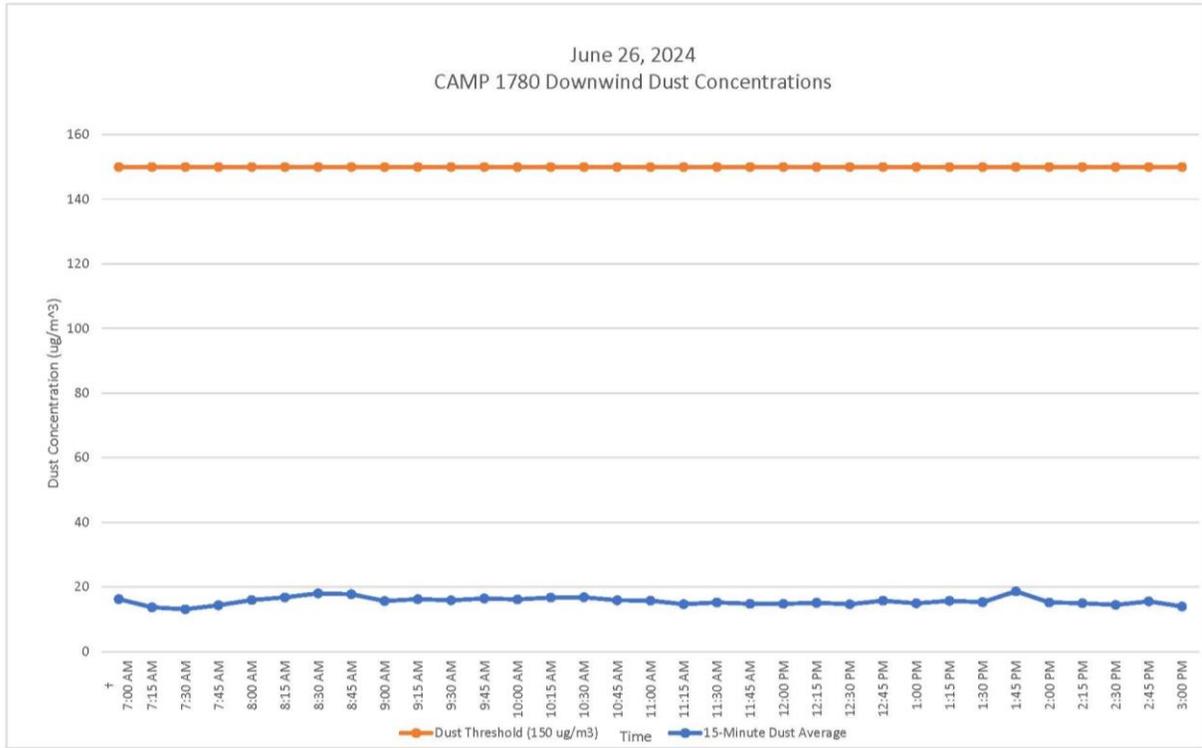
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 238

DATE: 6/26/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 238

DATE: 6/26/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 238

DATE: 6/26/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS		
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	50	1,296.94	183	4,271.39	94	2,576.69	9	216.41	3	90	352	8,865.15	
TOTAL	16	413.72	50	1,296.94	183	4,271.39	94	2,576.69	9	216.41	3	90	352	8,865.15	



GZA DAILY FIELD SUMMARY 239

DATE: 6/27/2024
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Jazlyn Natalie (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Mostly Cloudy
AVE. TEMPERATURE 75.00°F
AVE. DEW POINT 58.31°F
MAX WIND SPEED 22 mph from NNW
PRECIPITATION 0.44 inches

ATTACHMENTS: A – Site Plan
 B – Photo Log
 C – Daily Calibration and Air Monitoring Logs
 D – Excavated Material Disposal Log
 E – Imported Materials Log

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Thursday, June 27, 2024	
	PERSONNEL
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	LERA



GZA DAILY FIELD SUMMARY 239

DATE: 6/27/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Thursday – 6/27/2024

Work Location (Attachment A): Grids B1, B2, B3, B5, B6, C1, C2, C3, C5, C6, D1, D2, and D3.

1. AWS installed SSDS piping in grid B3.
2. J&A placed Mirafi non-woven Geotextile in grids B1 and B2 and spread clean stone over geotextile.
3. J&A installed rebar over PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids C1, C2, C3, D1, D2, and D3.
4. Lyndon/Metro installed steel beams and metal decking in grids B5, B6, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volve ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 8.54 ug/m³

High Conditions – PID: 0.01 ppm, Particulates: 14.19 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.



GZA DAILY FIELD SUMMARY 239

DATE: 6/27/2024
FILE NO: 41.0163097.00

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

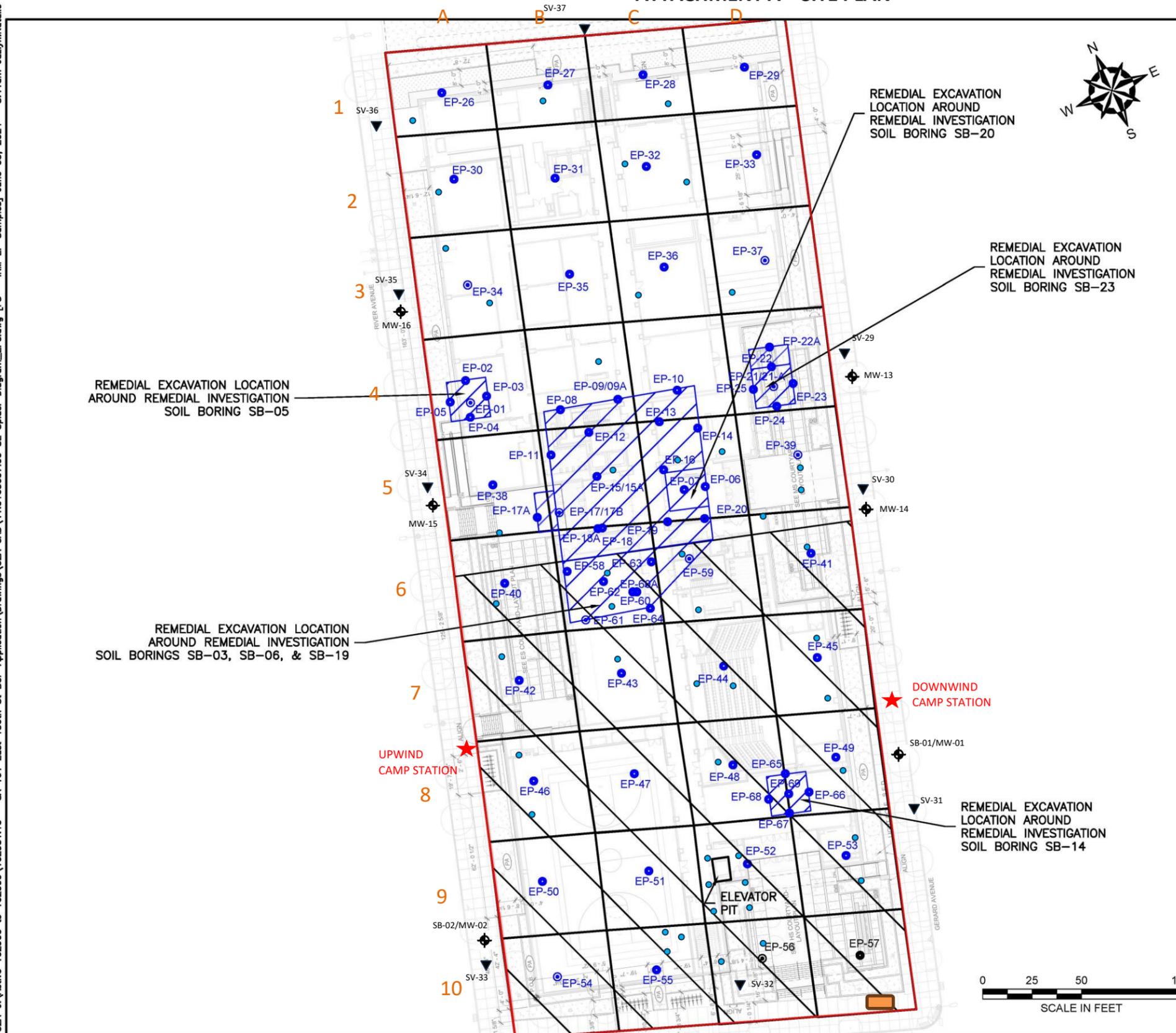


GZA DAILY FIELD SUMMARY 239

DATE: 6/27/2024
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
 GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
- APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
- REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
- PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- ★ CAMP STATIONS
- DEWATERING POINTS
- DEWATERING SETTLING TANK
- ▼ OFF-SITE SOIL VAPOR SAMPLING
- ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION MONITORING WELL LOCATION

EXISTING OFF-SITE REMEDIAL INVESTIGATION MONITORING WELL LOCATION		
NO.	ISSUE/DESCRIPTION	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
 BRONX, NEW YORK, 10451

INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	DESIGNED BY: RPM	REVIEWED BY: RPM	DATE: JUNE 2024
CHECKED BY: SMK	DRAWN BY: JHB	SCALE: 1"=50'	PROJECT NO: 41.0163097.00
FIGURE 8	REVISION NO. -	SHEET NO.	



GZA DAILY FIELD SUMMARY 239

DATE: 6/27/2024
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: Northeast	Photo No. 2	Direction Photo Taken Northwest
			
Description: Rebar installed at the slab-on-grade locations in grids C1, C2, C3, D1, D2, and D3.		Description: SSDS piping installed in grid B3.	
Photo No. 3	Direction Photo Taken: West	Photo No. 4	Direction Photo Taken Northeast
			
Description: J&A placing Mirafi non-woven Geotextile in grids B1 and B2 and spreading clean stone over geotextile.		Description: The backfilled area in grids B1 and B2 at the end of the day.	



GZA DAILY FIELD SUMMARY 239

DATE: 6/27/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

Date: June 27, 2024		Sampling Technician: Jazlyn Natalie	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1			

Station 2			

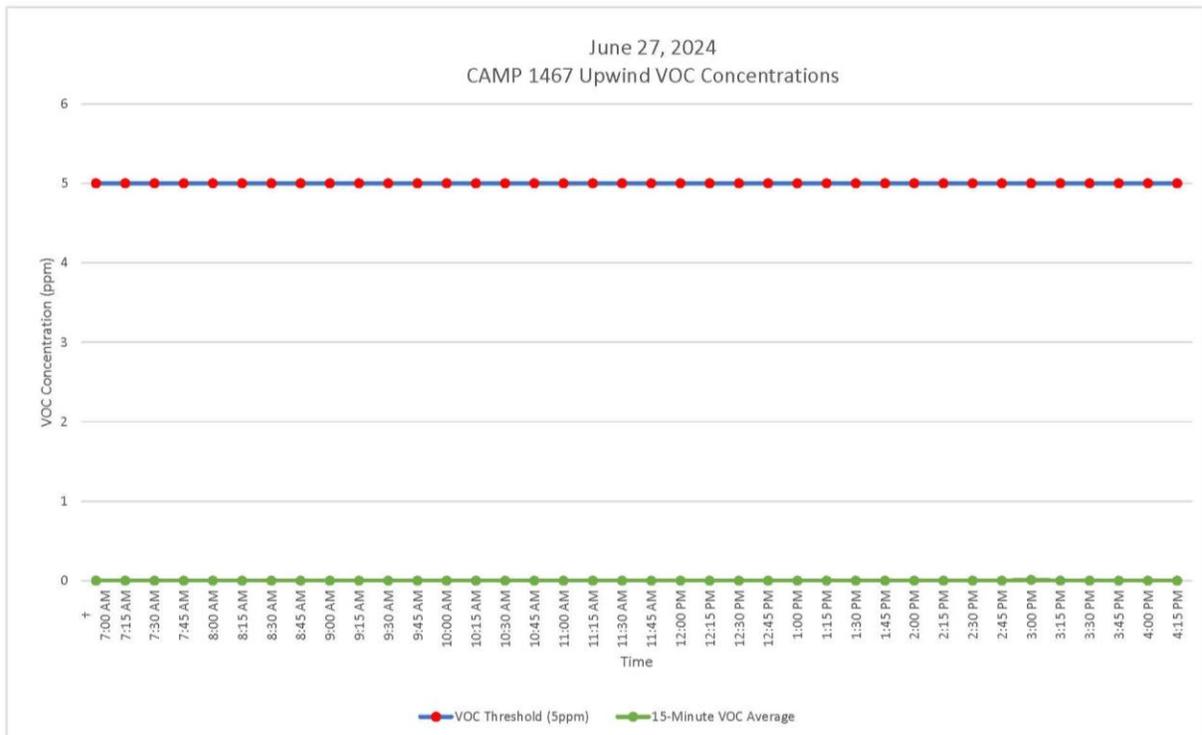
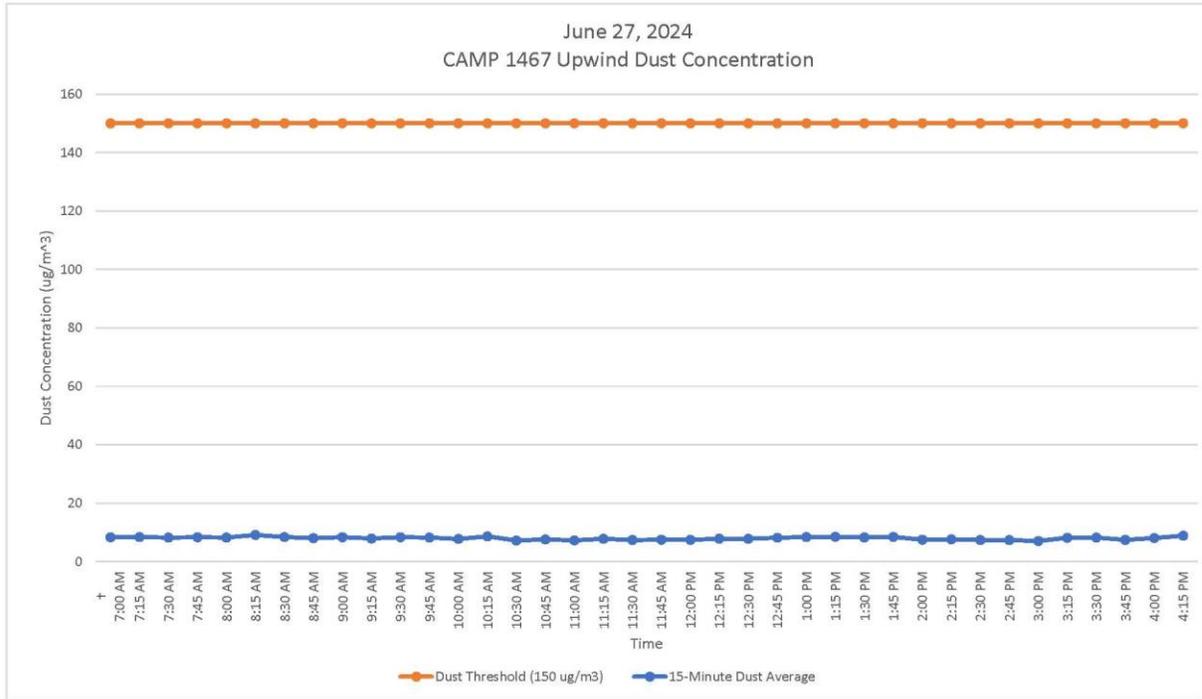
Hand Held	PID Model 580	SN: 592-602879	_____
	SidePak	SN: 5202136003	_____
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs:		Instrument:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	Results/Comments:	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>8.37</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>8.54</u>



GZA DAILY FIELD SUMMARY 239

DATE: 6/27/2024

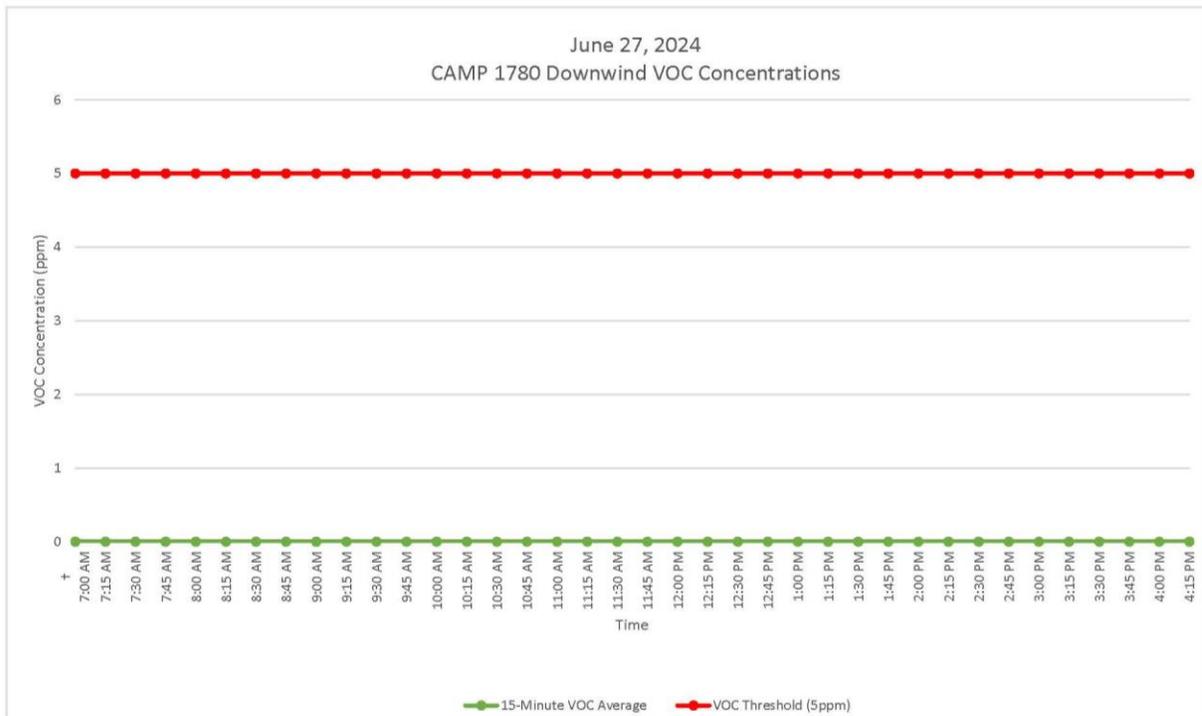
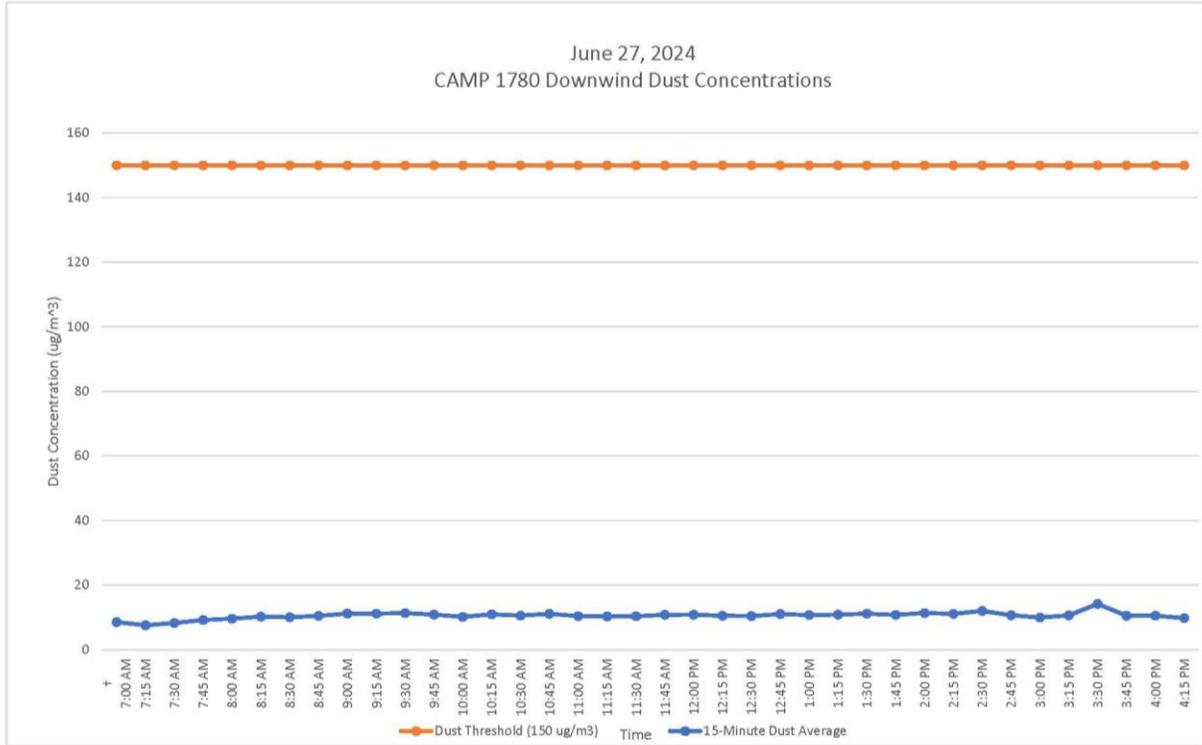
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 239

DATE: 6/27/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 239

DATE: 6/27/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 239

DATE: 6/27/2024
 FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS		
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	50	1,296.94	183	4,271.39	94	2,576.69	9	216.41	3	90	352	8,865.15	
TOTAL	16	413.72	50	1,296.94	183	4,271.39	94	2,576.69	9	216.41	3	90	352	8,865.15	



GZA DAILY FIELD SUMMARY 239

DATE: 6/28/2024
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Nolan Quinn (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Mostly Cloudy
AVE. TEMPERATURE 81.73°F
AVE. DEW POINT 59.93°F
MAX WIND SPEED 16 mph from SSW
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Daily Calibration and Air Monitoring Logs
D – Excavated Material Disposal Log
E – Imported Materials Log

SUMMARY

The following report summarizes the daily activities performed under the Interim Remedial Measure (IRM) Work Plan at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The IRM Work Plan was established with the NYSDEC to protect public health and the environment during the planned parking lot removal work and excavation work that would occur during the IRM phase. The IRM Work Plan is designed to address the potential for exposure to hazardous substances during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Friday, June 28, 2024	
	PERSONNEL
QEP:	GZA
	Nolan Quinn
CONTRACTORS:	J&A Concrete
	Americo Marques
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Lyndon/Metro Iron
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	LERA



GZA DAILY FIELD SUMMARY 239

DATE: 6/28/2024
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Friday – 6/28/2024

Work Location (Attachment A): Grids A1, A2, A8, A9, A10, B1, B2, B5, B6, B9, C2, C3, C4, C5, C6, D2, D3, D4, D5.

1. Crown installed PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids C2, C3, D2, and D3. Seams and penetrations were sealed with PREPRUFE Tape LT and/or BITUTHENE® Liquid Membrane.
2. J&A installed rebar over PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids A8, A9, and A10.
3. J&A placed Mirafi non-woven Geotextile in grid B9 and spread clean stone over geotextile.
4. J&A performed minor backfilling and grading over buried electrical conduits in grids C3 and C4.
5. J&A performed trench excavation for utility conduits in grids D4 and D5.
6. J&A poured concrete slab on the 4th floor deck in grid A1, A2, B1, and B2.
7. Lyndon/Metro installed steel beams and metal decking in grids B5, B6, C5, and C6.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Air Logics Community Air Monitoring Program Stations (1467–Upwind, 1780– Downwind) with remote telemetry system
- Volvo EC220E Excavator, Volvo ECR145E Excavator

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 10.18 ug/m³

High Conditions – PID: 0.03 ppm, Particulates: 18.65 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

TOTAL EXCAVATED MATERIALS TRANSPORTED (Attachment D)

- No material was transported off-site during this monitoring period.

TOTAL CLEAN FILL IMPORTED (Attachment E)

- No material was imported to the Site during this monitoring period.



GZA DAILY FIELD SUMMARY 239

DATE: 6/28/2024
FILE NO: 41.0163097.00

TOTAL VOLUME OF WATER DISCHARGED DURING DEWATERING

- Dewatering system pumping discharge to sewer along Gerard Avenue under NYCDEP Permit No. C002746487.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	4,156,942

- Dewatering system pumping discharge to sewer along River Avenue under NYCDEP Permit No. C002407284.

	DEWATERING VOLUME PROJECT TOTALS (Gallons)
Total	2,116,828

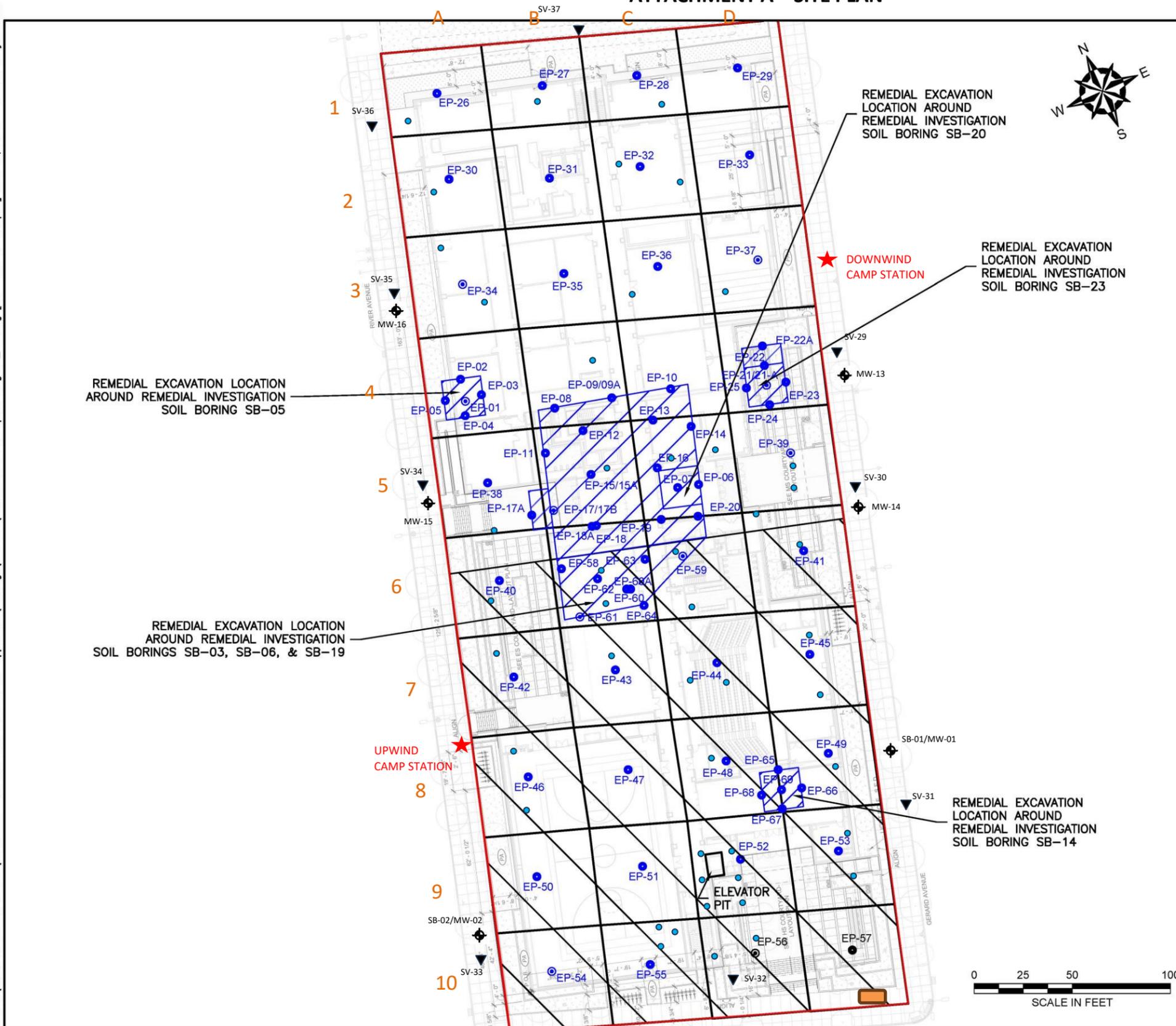


GZA DAILY FIELD SUMMARY 239

DATE: 6/28/2024
FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN

©2023 - GZA GeoEnvironmental of NY
GZA-J:\Active 162900 to 162999\162951.10 - SA 101 East 150th St. BCP Application\Drawings\GZA CAD\41.0163097.00 SE Spider Diagram_EPs.dwg [FB - IRM EP Samples] June 05, 2024 - 8:41am Jazlyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SITE - LAYOUT PLAN", PREPARED BY "SKIDMORE, OWINGS & MERRILL LLP", ORIGINAL SCALE 1/8"=1'-0", DATED 05-26-2023.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF PROPOSED EXCAVATIONS AND ENDPOINT SAMPLES IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- EXTENT OF REMEDIAL EXCAVATION TO 2- FEET BELOW GROUND SURFACE DURING INTERIM REMEDIAL MEASURE - SOUTHERN EXTENT
- APPROXIMATE 2,500 SQUARE FOOT EXCAVATION AREA BOUNDARY
- REMEDIAL EXCAVATION LOCATION TO REMOVE SOIL WITH CHLORINATED VOLATILE ORGANIC COMPOUNDS ABOVE PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVES
- PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PROPOSED SOUTHERN EXTENT IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITHOUT PFAS ANALYSIS
- ⊙ PREVIOUSLY COLLECTED IRM ENDPOINT SAMPLE WITH PFAS ANALYSIS
- ★ CAMP STATIONS
- DEWATERING POINTS
- DEWATERING SETTLING TANK
- ▼ OFF-SITE SOIL VAPOR SAMPLING
- ◆ EXISTING OFF-SITE REMEDIAL INVESTIGATION
- ◆ MONITORING WELL LOCATION

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THIS DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THIS DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
BRONX, NEW YORK, 10451

INTERIM REMEDIAL MEASURE SOUTHERN EXTENT ENDPOINT SAMPLE LOCATION PLAN

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	DESIGNED BY: RPM	REVIEWED BY: RPM	CHECKED BY: SMK
DATE: JUNE 2024	PROJECT NO: 41.0163097.00	SCALE: 1"=50'	REVISION NO: -
FIGURE			8
SHEET NO.			



GZA DAILY FIELD SUMMARY 239

DATE: 6/28/2024
 FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: South	Photo No. 2	Direction Photo Taken North
Description: Crown installing PREPRUFE 300R Plus waterproofing/vapor barrier at the slab-on-grade locations in grids C2 and C3.		Description: J&A receiving delivery of stone.	
Photo No. 3	Direction Photo Taken: North	Photo No. 4	Direction Photo Taken East
Description: Rebar installed at the slab-on-grade locations in grids A8, A9, and A10.		Description: J&A backfilling in grids 10A, 10B, 9A, 9B.	



GZA DAILY FIELD SUMMARY 239

DATE: 6/28/2024
FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

Date: June 28, 2024		Sampling Technician: Nolan Quinn	
Project #: 41.0163097.00		Project Name: SA 101 E 150th St	
Instruments Used:			
Station 1 _____			

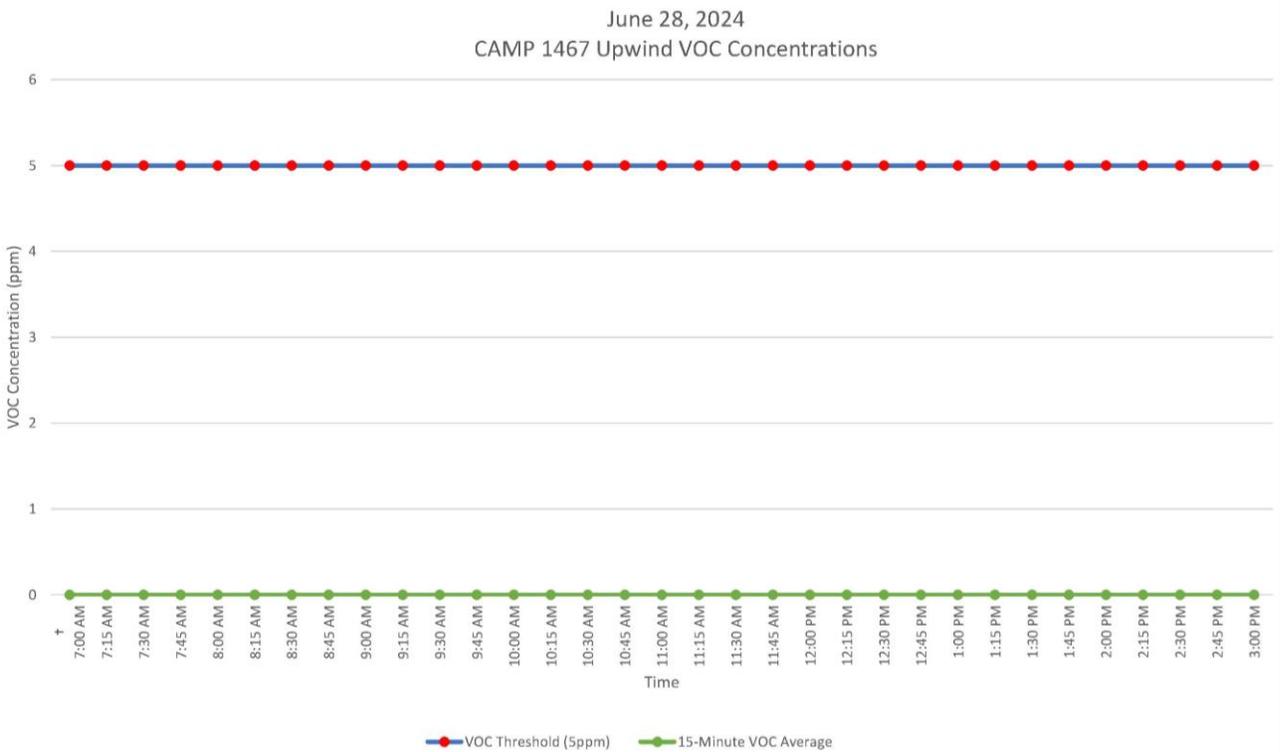
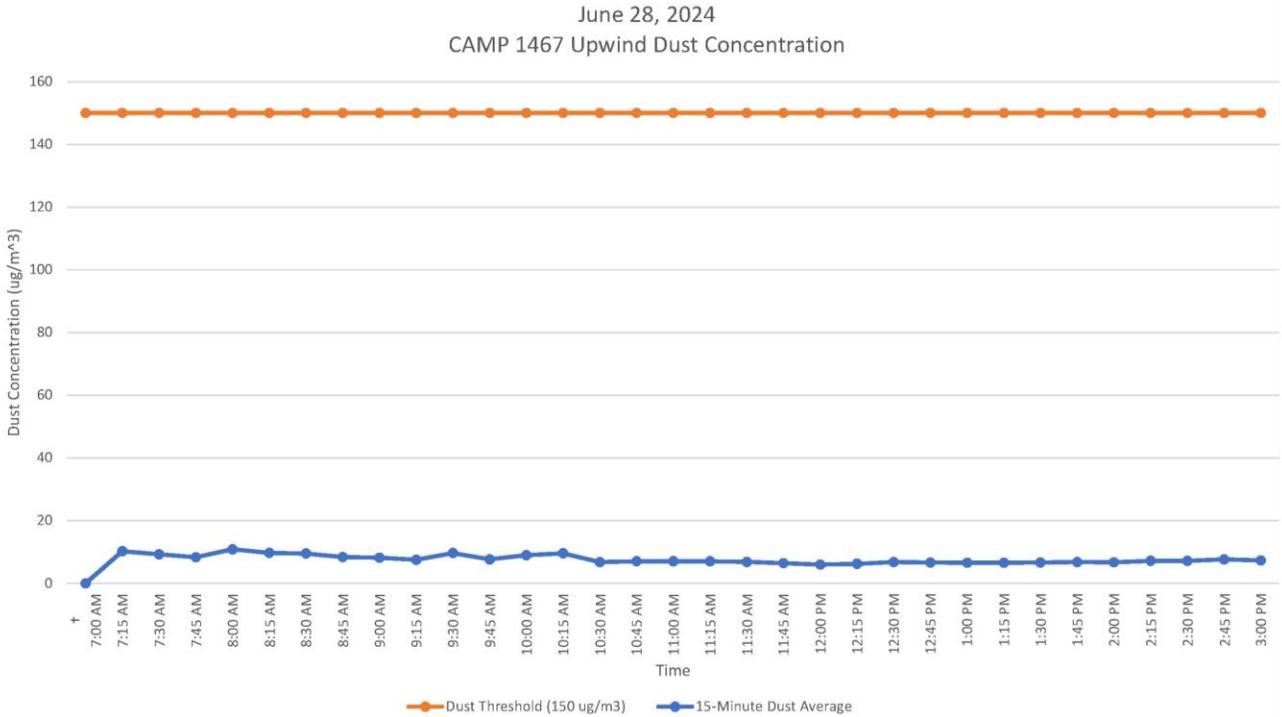
Station 2 _____			

Hand Held	PID Model 580	SN: 592-602879	_____
	SidePak	SN: 5202136003	_____
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Data Zero			
Rams: 1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
1	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
2	<input checked="" type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1	<input checked="" type="checkbox"/> Data	_____	
2	<input checked="" type="checkbox"/> Data	_____	
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>10.18</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>6.28</u>



GZA DAILY FIELD SUMMARY 239

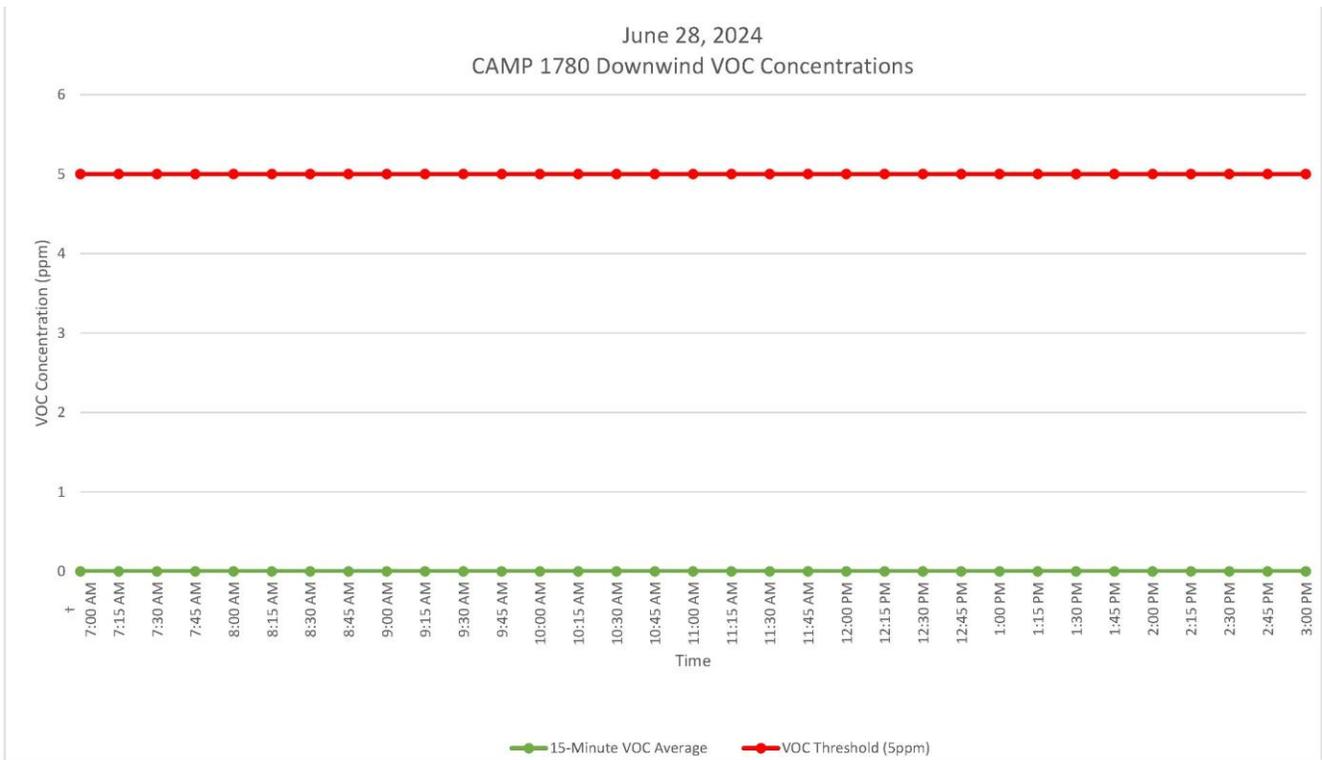
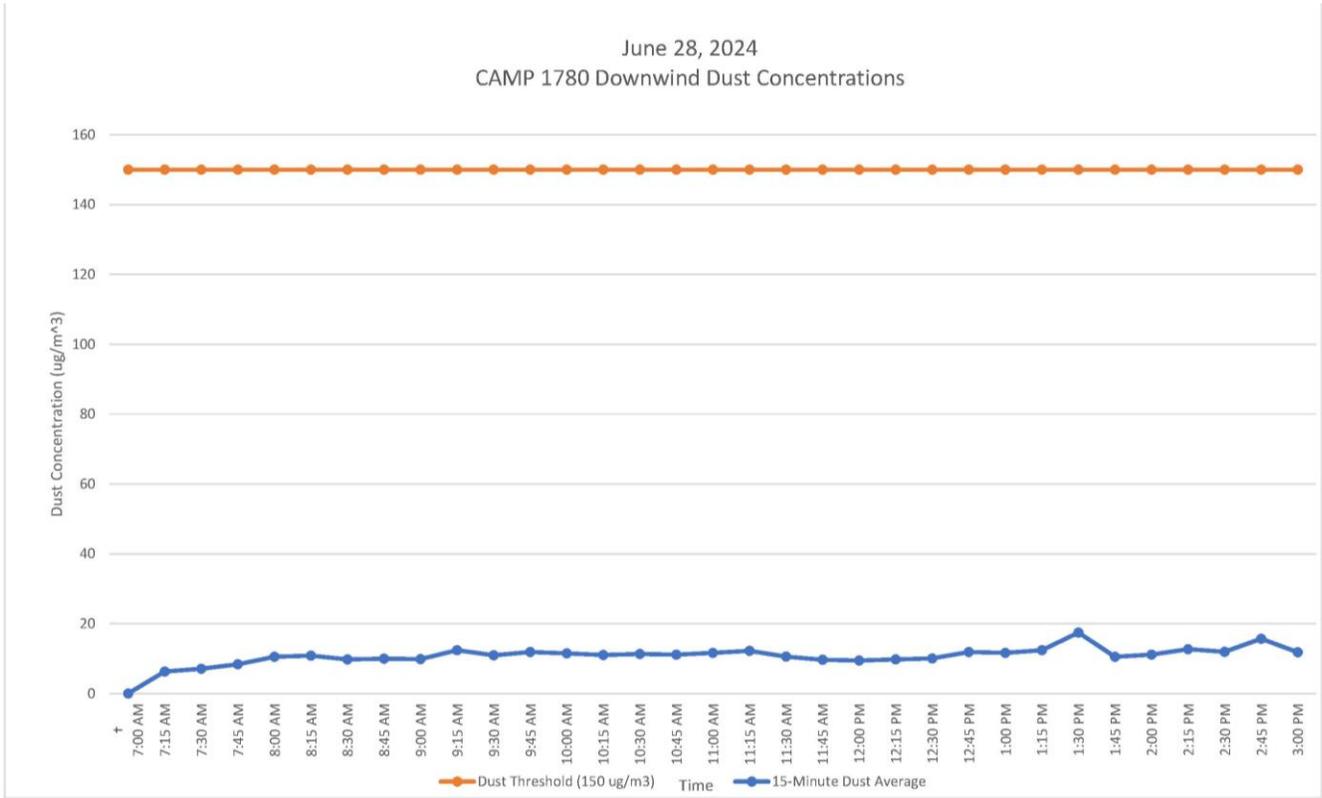
DATE: 6/28/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 239

DATE: 6/28/2024
FILE NO: 41.0163097.00





GZA DAILY FIELD SUMMARY 239

DATE: 6/28/2024
FILE NO: 41.0163097.00

ATTACHMENT D – EXCAVATED MATERIAL DISPOSAL LOG

Facility # Name/ Location (Trucks, Cubic Yards)	PPark – Prospect Park, NJ		Clean Earth – Carteret, NJ		Clean Earth – North Jersey, NJ		PROJECT TOTALS	
	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	Estimated CY	Trucks	CY
Today	0	0	0	0	0	0	0	0
Previous	166	3,320	459	9,180	1	20	626	12,520
TOTAL	166	3,320	459	9,180	1	20	626	12,520



GZA DAILY FIELD SUMMARY 239

DATE: 6/28/2024

FILE NO: 41.0163097.00

ATTACHMENT E – IMPORT MATERIAL LOG

Facility # Name/ Location	Stavola Construction Materials, Inc., New Jersey (ASTM #2 [2 ½"] Gravel)		Tilcon New York, Inc., New York (Gas Permeable Aggregates [GPA])		North American Aggregates - Weeks Marine, Inc., New Jersey (Pipe Sand)		ECM - Wantage Stone Quarry, NJ (ASTM #8 [3/4"] Stone / GPA)		PPark of Prospect Park, NJ RCA ¾" Concrete Aggregates		Faztec Industries RCA ¾" Blend Concrete Aggregates		PROJECT TOTALS		
	(Trucks, Tons)	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons	Trucks	Tons
Today	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Previous	16	413.72	50	1,296.94	183	4,271.39	94	2,576.69	9	216.41	3	90	352	8,865.15	
TOTAL	16	413.72	50	1,296.94	183	4,271.39	94	2,576.69	9	216.41	3	90	352	8,865.15	



GZA DAILY FIELD REPORT 318

DATE: 8/20/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Jazlyn Natalie (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Light Rain
AVE. TEMPERATURE 67.48°F
AVE. DEW POINT 59.68 °F
MAX WIND SPEED Gusts 20 mph from ENE
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
 B – Photo Log
 C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Wednesday, August 20, 2025	
PERSONNEL	
QEP:	GZA
	Jazlyn Natalie
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Bancker Construction – John Phillips
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	SACS – Richard Gladstone
	DBI – Margot Dirks
	SOM – Sabrina Shen



GZA DAILY FIELD REPORT 318

DATE: 8/20/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 8/20/2025

Work Activities

1. 12 truckloads of Tilcon gas permeable aggregates (GPA), totaling 295.32 tons, were delivered to the northern portion of the Site. DEM backfilled and graded the clean fill north of the foundation wall for a stable subgrade.
2. Bancker completed the installation of sanitary connection to Gerard Avenue on the eastern portion of the Site, removed the shoring system, and backfilled the trench excavation.
3. SVE/SSDS Fan delivery and riser pipes labeling.
4. Façade and Interior work on the building.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 38.00 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 87.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

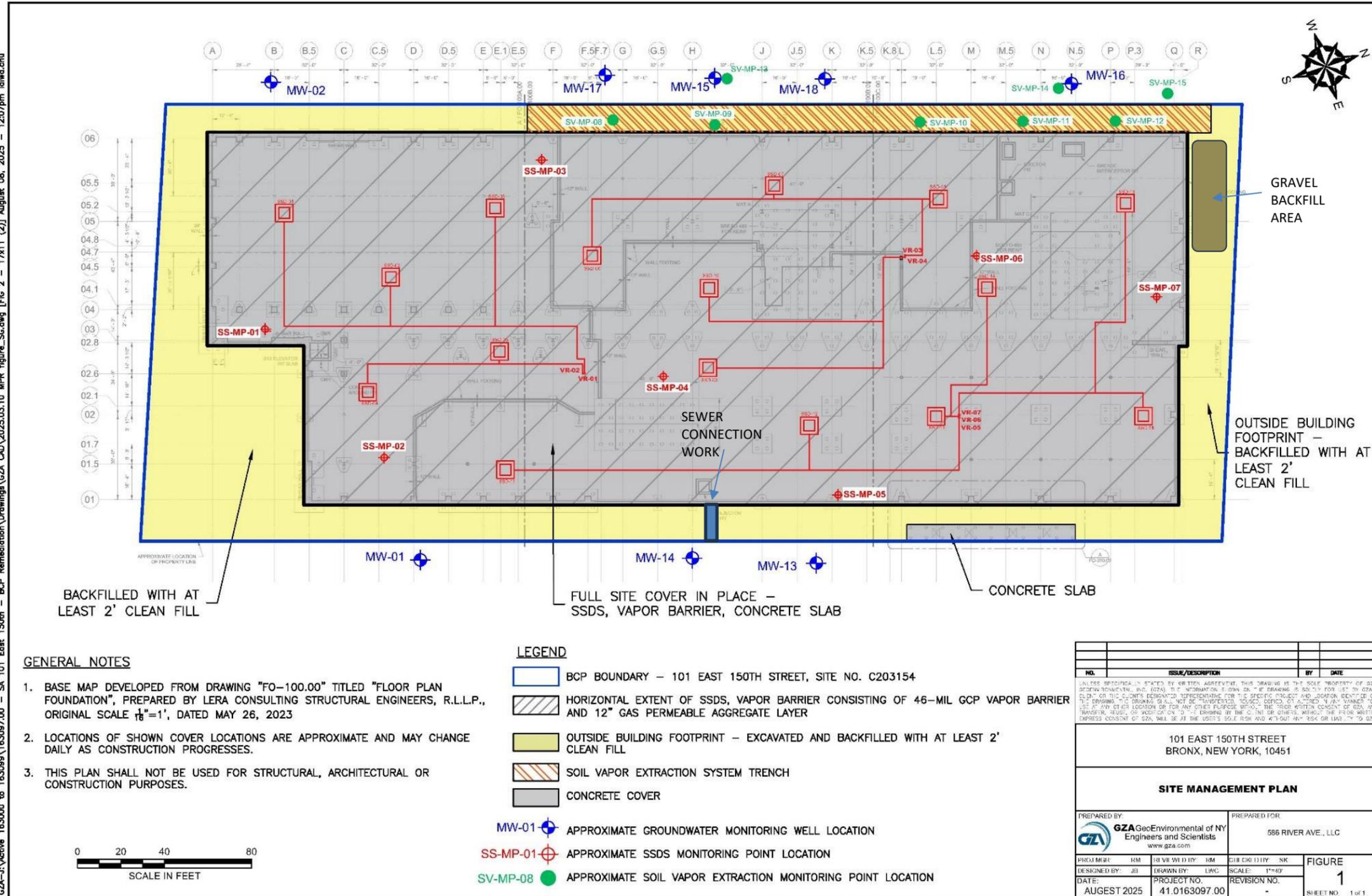
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 318

DATE: 8/20/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN



©2025 - GZA GeoEnvironmental of NY, GZA-11, Avenue 163000 to 163099 | 63097.00 - SA 101 East 150th - BCP Remediation Drawings\GZA_CAD\2025.03.10 MPR figure_SG.dwg [Fig 2 - 17x11 (2)] August 08, 2025 - 12:07pm lidw.cdu



GZA DAILY FIELD REPORT 318

DATE: 8/20/2025
 FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

<p>Photo No. 1</p>	<p>Direction Photo Taken: South</p>	<p>Photo No. 2</p>	<p>Direction Photo Taken East</p>
<p>Description: Delivery of Tilcon GPA to the northern portion of the Site. Air monitoring performed using handheld equipment during delivery and backfilling.</p>		<p>Description: DEM backfilling north of the foundation wall with GPA for a stable subgrade.</p>	
<p>Photo No. 3</p>	<p>Direction Photo Taken: East</p>	<p>Photo No. 4</p>	<p>Direction Photo Taken: Southeast</p>
<p>Description: Bancker installing sanitary pipe connection to Gerard Avenue on the eastern portion of the Site.</p>		<p>Description: View of trench excavation area for sanitary connection after backfilling at the end of the day.</p>	



GZA DAILY FIELD REPORT 318

DATE: 8/20/2025
FILE NO: 41.0163097.00

Photo No. 5	Location Photo Taken: 6 th Floor Interior	Photo No. 6	Location Photo Taken Cellar
			
Description: SSDS and SVE System vertical risers		Description: Monitoring Point SS MP-05	
Photo No. 7	Location Photo Taken: Cellar	Photo No. 8	Location Photo Taken: 1 st Floor Interior
			
Description: SSDS Vertical riser showing cleanouts		Description: SSDS and SVE System risers	



GZA DAILY FIELD REPORT 318

DATE: 8/20/2025
 FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

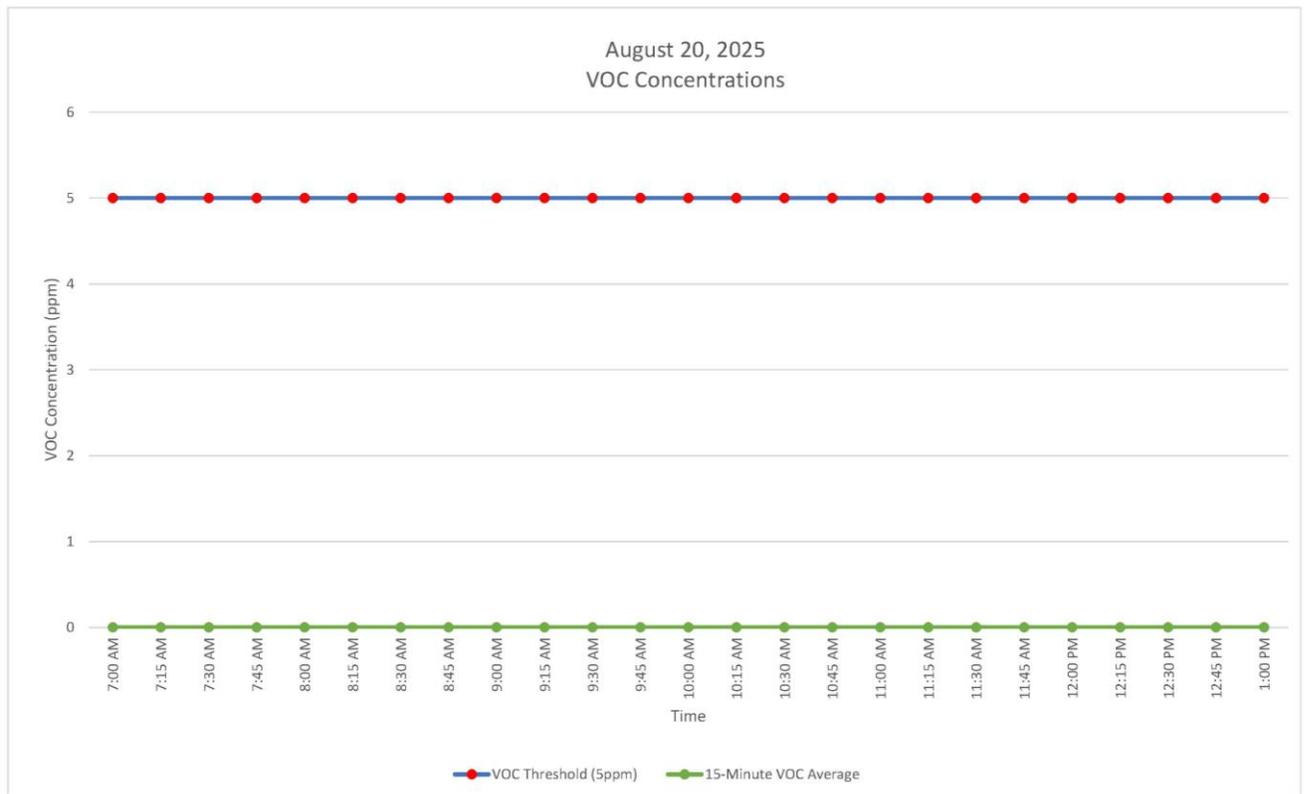
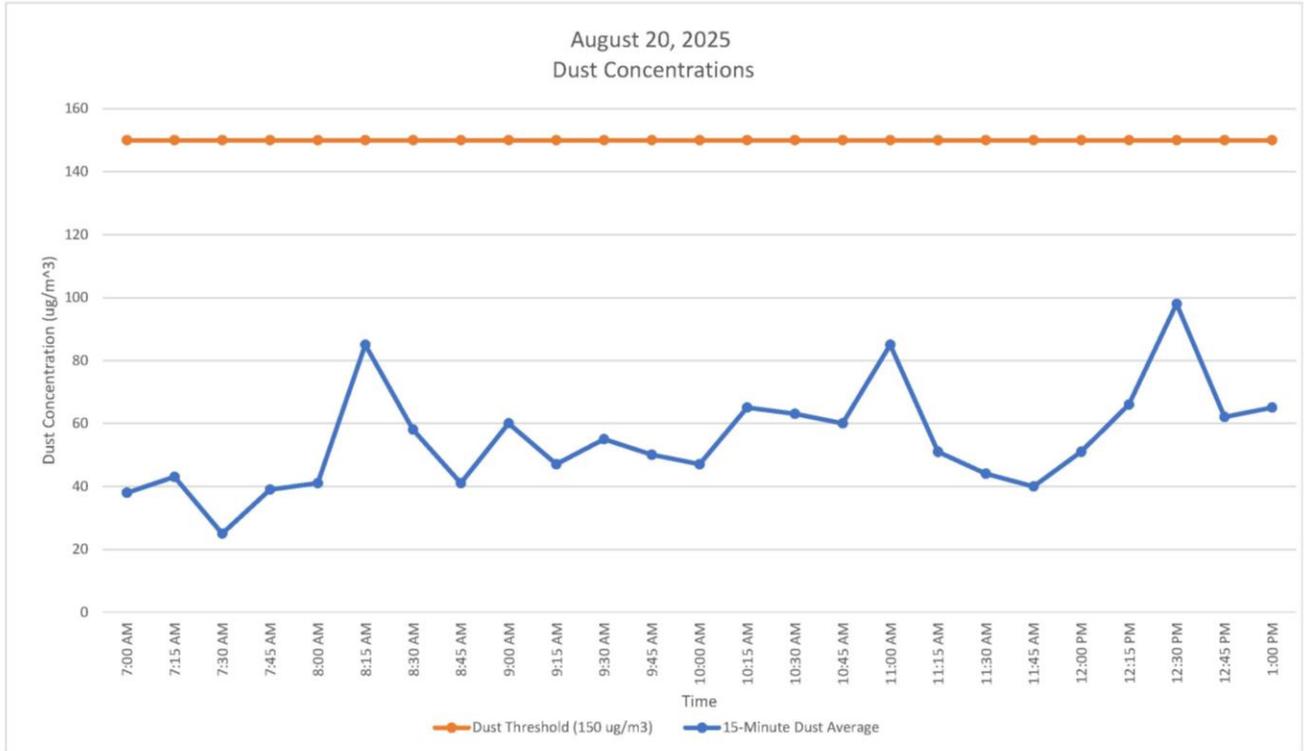
Daily Instrument Calibration Log

Date:	8/20/2025	Sampling Technician:	Jazlyn Natalie
Project #:	41.0163097.00	Project Name:	SA 101 E 150th St
Instruments Used:		Inspection Notes:	
Station 1			
Station 2			
Station 3			
Handheld	<u>RAE Systems MiniRAE 3000+ PID</u> <u>TSI SidePak™ AM520</u>	SN: 592-928274	SN: 5201911010
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes		Gas - 100 ppm 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes	
Data Rams: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes			
Post-Shift Download:		Results/Comments:	
PIDs: Instrument: 1 <input checked="" type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 3 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary			
Data Rams: 1 <input checked="" type="checkbox"/> Data 2 <input type="checkbox"/> Data 3 <input type="checkbox"/> Data			
Weather Station:		<input type="checkbox"/> No	
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>38.0</u>
PID 2:		Data Ram 2:	
PID 3:		Data Ram 3:	



GZA DAILY FIELD REPORT 318

DATE: 8/20/2025
FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 318

DATE: 8/20/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
August 20, 2025

Handheld CAMP		
Time	Dust - 15 min Average (ug/m3)	VOCs - 15 min Average (ppm)
7:00 AM	† 38.000	0.00
7:15 AM	† 43.000	0.00
7:30 AM	† 25.000	0.00
7:45 AM	† 39.000	0.00
8:00 AM	† 41.000	0.00
8:15 AM	† 22.000	0.00
8:30 AM	† 50.000	0.00
8:45 AM	† 46.000	0.00
9:00 AM	† 37.000	0.00
9:15 AM	† 29.000	0.00
9:30 AM	† 21.000	0.00
9:45 AM	† 28.000	0.00
10:00 AM	† 87.000	0.00
10:15 AM	† 20.000	0.00
10:30 AM	† 31.000	0.00
10:45 AM	† 62.000	0.00
11:00 AM	† 41.000	0.00
11:15 AM	† 21.000	0.00
11:30 AM	† 33.000	0.00
11:45 AM	† 35.000	0.00
12:00 PM	† 40.000	0.00
12:15 PM	† 44.000	0.00
12:30 PM	† 36.000	0.00
12:45 PM	† 41.000	0.00
1:00 PM	† 26.000	0.00

NOTE

†: Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 319

DATE: 8/21/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Overcast, Rain
AVE. TEMPERATURE 64.71°F
AVE. DEW POINT 56.39°F
MAX WIND SPEED Gusts 32 mph from NE
PRECIPITATION 0.53 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Thursday, August 21, 2025	
	PERSONNEL
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Bancker Construction – John Phillips
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	



GZA DAILY FIELD REPORT 319

DATE: 8/21/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Thursday – 8/21/2025

Work Activities

1. 6 truckloads of Tilcon gas permeable aggregates (GPA), totaling 148.23 tons, were delivered to the northern portion of the Site. DEM backfilled and graded the clean fill north of the foundation wall for a stable subgrade.
2. Façade and Interior work on the building.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 24.00 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 67.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

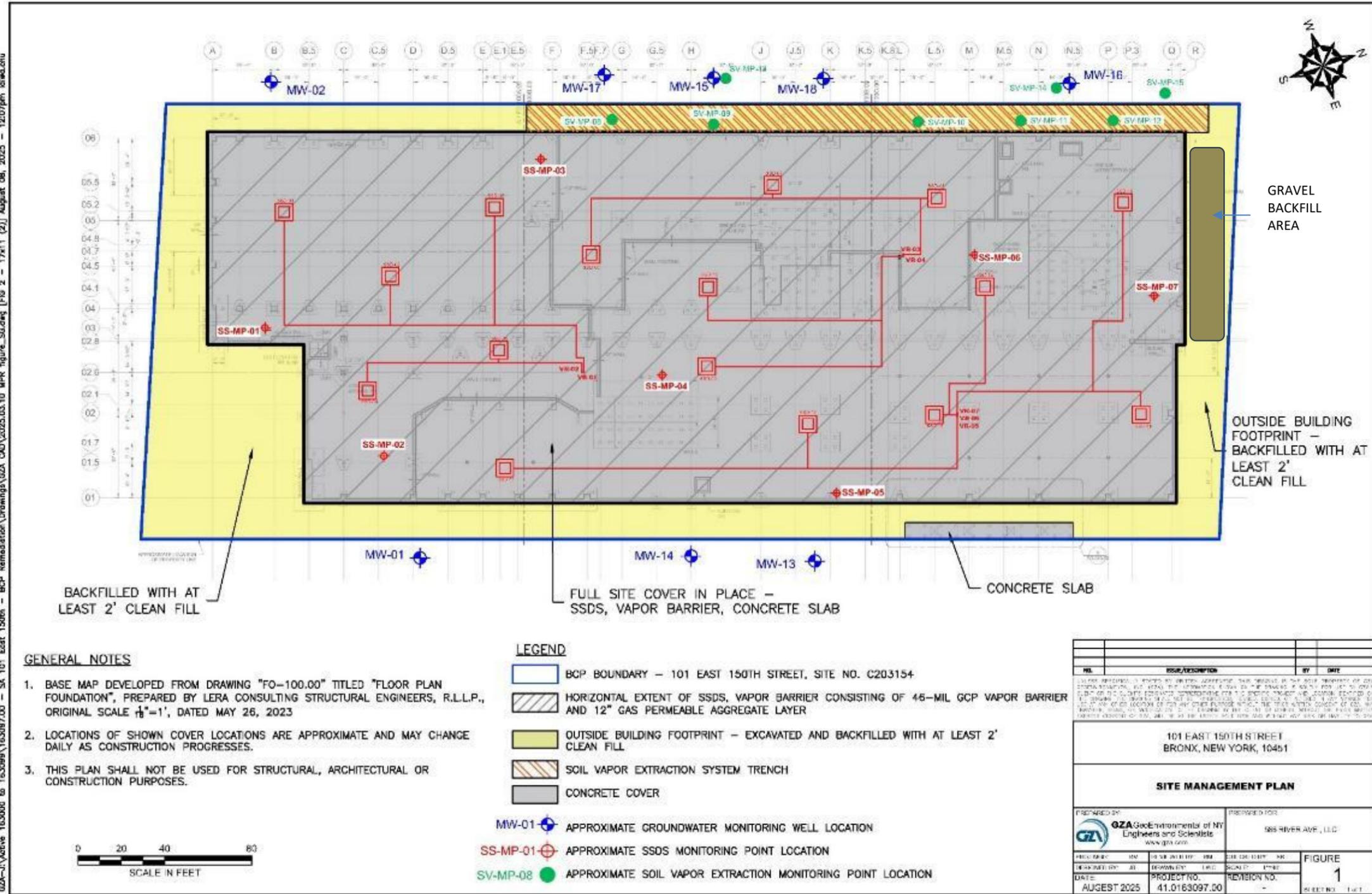
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 319

DATE: 8/21/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN





GZA DAILY FIELD REPORT 319

DATE: 8/21/2025
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	South	2	South
			
Description: Delivery of Tilcon GPA to the northern portion of the Site.		Description: DEM backfilling north of the foundation wall with GPA for a stable subgrade.	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken:
3	East	4	West
			
Description: Northern portion of the Site after the GPA backfill was completed.		Description: Additional view of northern portion of Site after GPA backfill complete.	



GZA DAILY FIELD REPORT 319

DATE: 8/21/2025
 FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

Daily Instrument Calibration Log

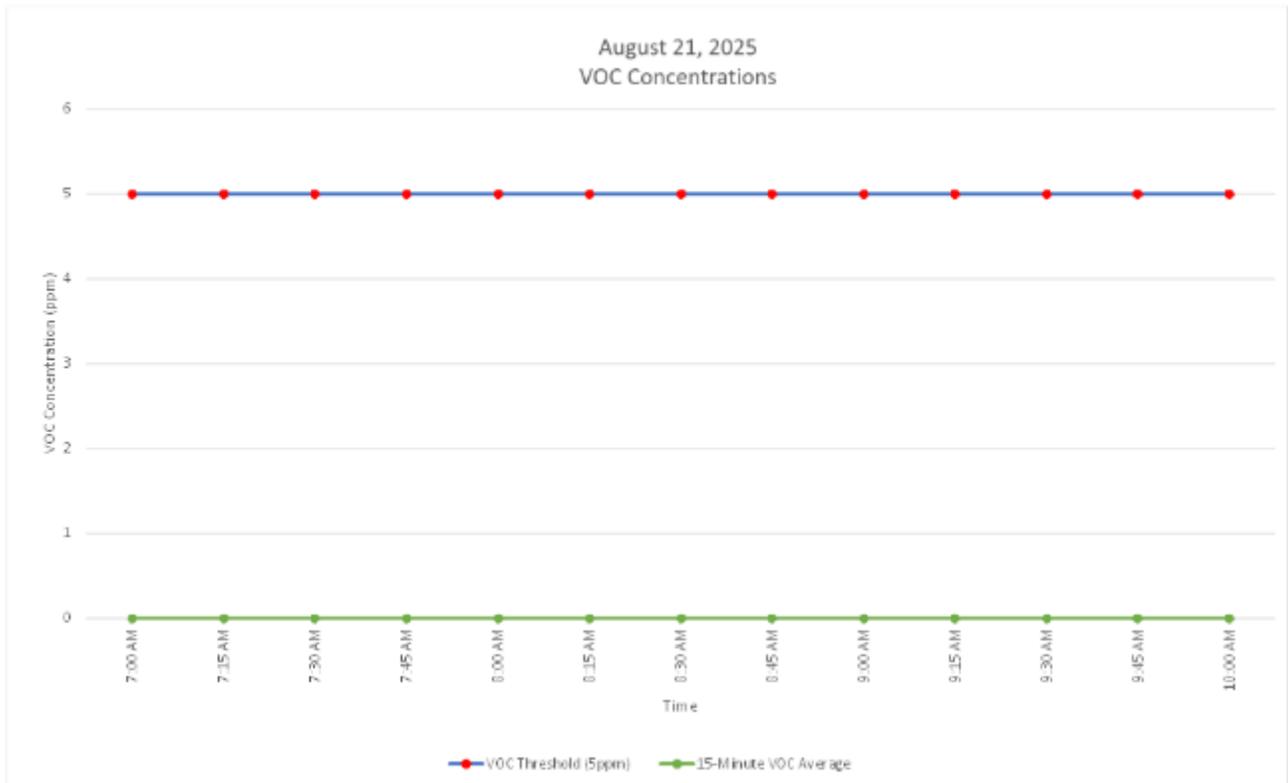
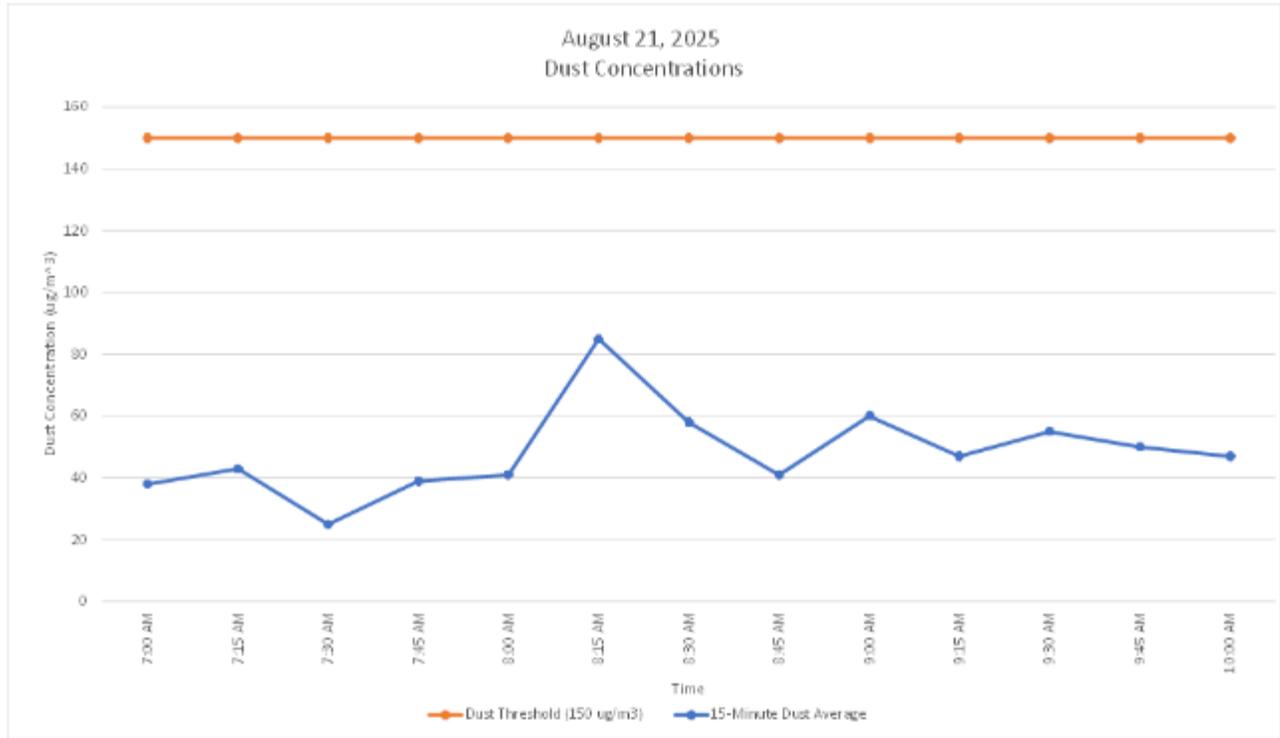
Date:	8/21/2025	Sampling Technician:	Matt DiLorenzo
Project #:	41.0163097.00	Project Name:	SA 101 E 150th St
Instruments Used:		Inspection Notes:	
Station 1			
Station 2			
Station 3			
Handheld	RAE Systems MiniRAE 3000+ PID TSI SidePak™ AM520	SN: 592-928274 SN: 5201911010	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes		Gas - 100 ppm 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes	
Data Rams: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes			
Post-Shift Download:			Results/Comments:
PIDs: Instrument: 1 <input checked="" type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 3 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary			
Data Rams: 1 <input checked="" type="checkbox"/> Data 2 <input type="checkbox"/> Data 3 <input type="checkbox"/> Data			
Weather Station:			<input type="checkbox"/> No
Background Readings:			
PID 1:	0.0	Data Ram 1:	27.0
PID 2:		Data Ram 2:	
PID 3:		Data Ram 3:	



GZA DAILY FIELD REPORT 319

DATE: 8/21/2025

FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 319

DATE: 8/21/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
August 21, 2025

Handheld CAMP			
Time		Dust - 15 min Average (ug/m3)	VOCs - 15 min Average (ppm)
7:00 AM	†	27.000	0.00
7:15 AM	†	33.000	0.00
7:30 AM	†	26.000	0.00
7:45 AM	†	44.000	0.00
8:00 AM	†	67.000	0.00
8:15 AM	†	52.000	0.00
8:30 AM	†	44.000	0.00
8:45 AM	†	46.000	0.00
9:00 AM	†	35.000	0.00
9:15 AM	†	31.000	0.00
9:30 AM	†	38.000	0.00
9:45 AM	†	46.000	0.00
10:00 AM	†	59.000	0.00

NOTE

†: Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 320

DATE: 8/25/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Clear
AVE. TEMPERATURE 77.50°F
AVE. DEW POINT 55.92°F
MAX WIND SPEED Gusts 24 mph from W
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Monday, August 25, 2025	
PERSONNEL	
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Bancker Construction – John Phillips
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	



GZA DAILY FIELD REPORT 320

DATE: 8/25/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Monday – 8/25/2025

Work Activities

1. Bancker Construction excavated off-site (i.e. a trench adjacent to the northwestern portion of the Site) beneath River Avenue. The off-site excavation was performed to install a sewer pipe connection from the building to the sanitary line beneath River Avenue.
2. At the end of the day the trench was covered and protected with a metal plate.

Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 20.00 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 59.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 320

DATE: 8/25/2025
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Northeast	2	East
			
Description: Bancker using excavator to remove material from off-site trench on River Avenue.		Description: Bancker hand excavating around piping in trench.	
3	West	4	South
			
Description: Bancker continues hand excavation in trench.		Description: View of on-site area where excavation will continue.	



GZA DAILY FIELD REPORT 320

DATE: 8/25/2025
 FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

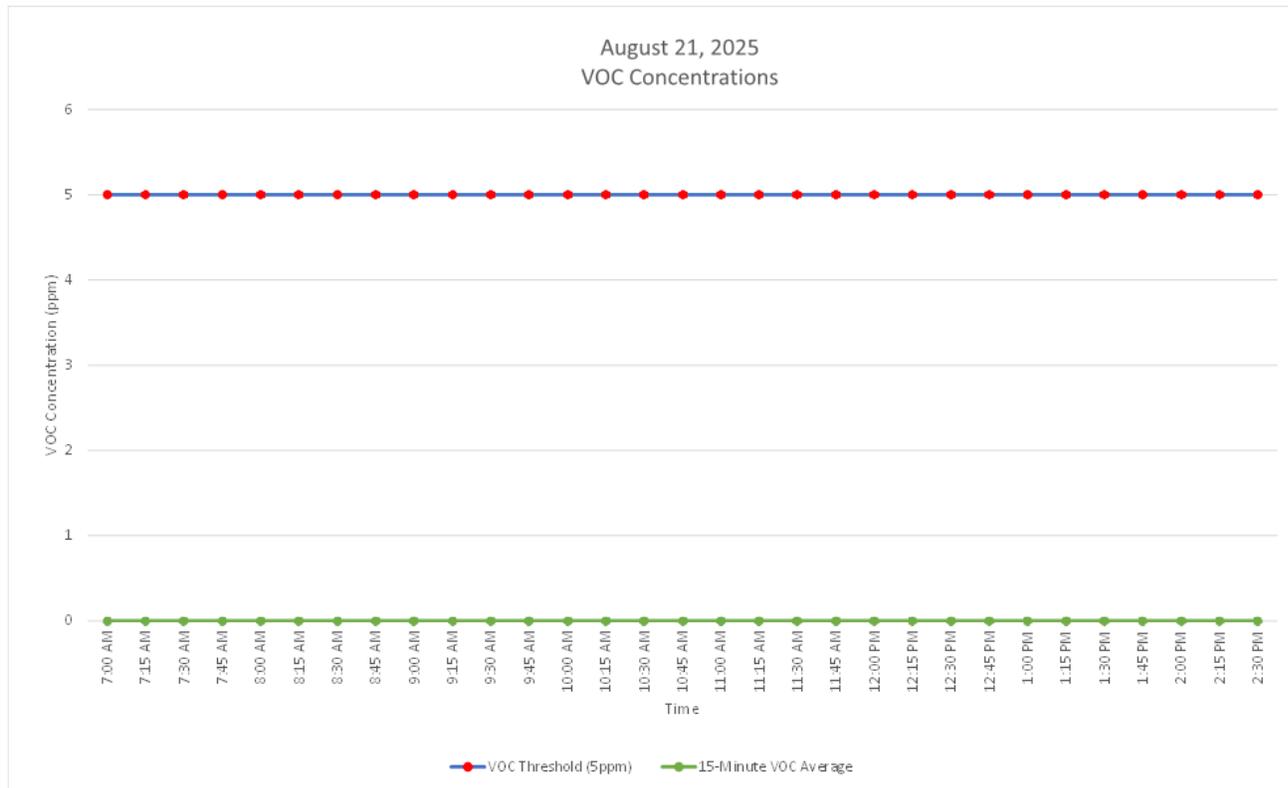
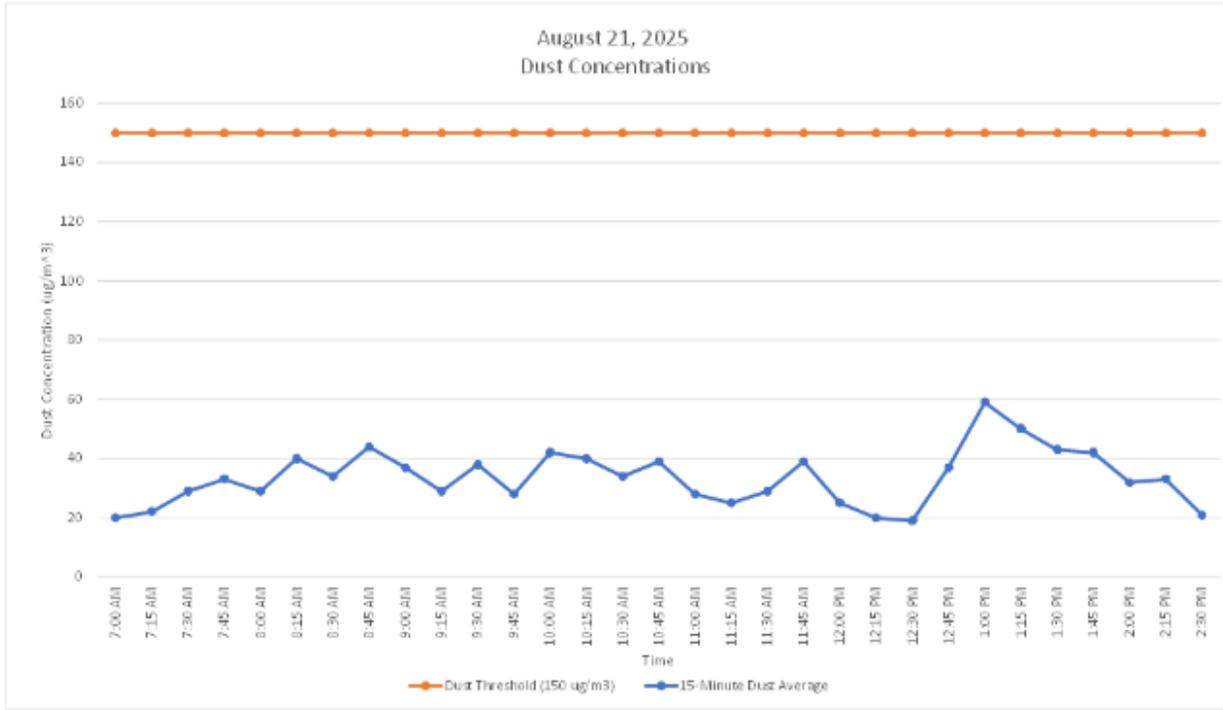
Daily Instrument Calibration Log

Date:	8/25/2025	Sampling Technician:	Matt DiLorenzo
Project #:	41.0163097.00	Project Name:	SA 101 E 150th St
Instruments Used:		Inspection Notes:	
Station 1			
Station 2			
Station 3			
Handheld	<u>RAE Systems MiniRAE 3000+ PID</u> <u>TSI SidePak™ AM520</u>	SN: 592-928274	SN: 5201911010
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes		Gas - 100 ppm 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes	
Data Rams: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes			
Post-Shift Download:		Results/Comments:	
PIDs: Instrument: 1 <input checked="" type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 3 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary			
Data Rams: 1 <input checked="" type="checkbox"/> Data 2 <input type="checkbox"/> Data 3 <input type="checkbox"/> Data			
Weather Station: <input type="checkbox"/> No			
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>20.0</u>
PID 2:		Data Ram 2:	
PID 3:		Data Ram 3:	



GZA DAILY FIELD REPORT 320

DATE: 8/25/2025
FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 320

DATE: 8/25/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
August 25, 2025

Handheld C A M P		
Time	Dust - 15 min Average (ug/m ³)	VOC s - 15 min Average (ppm)
7:00 AM †	20.000	0.00
7:15 AM †	22.000	0.00
7:30 AM †	29.000	0.00
7:45 AM †	33.000	0.00
8:00 AM †	29.000	0.00
8:15 AM †	40.000	0.00
8:30 AM †	34.000	0.00
8:45 AM †	44.000	0.00
9:00 AM †	37.000	0.00
9:15 AM †	29.000	0.00
9:30 AM †	38.000	0.00
9:45 AM †	28.000	0.00
10:00 AM †	42.000	0.00
10:15 AM †	40.000	0.00
10:30 AM †	34.000	0.00
10:45 AM †	39.000	0.00
11:00 AM †	28.000	0.00
11:15 AM †	25.000	0.00
11:30 AM †	29.000	0.00
11:45 AM †	39.000	0.00
12:00 PM †	25.000	0.00
12:15 PM †	20.000	0.00
12:30 PM †	19.000	0.00
12:45 PM †	37.000	0.00
1:00 PM †	59.000	0.00
1:15 PM †	50.000	0.00
1:30 PM †	43.000	0.00
1:45 PM †	42.000	0.00
2:00 PM †	32.000	0.00
2:15 PM †	33.000	0.00
2:30 PM †	21.000	0.00

NOTE

†. Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 321

DATE: 8/26/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Clear
AVE. TEMPERATURE 72.46°F
AVE. DEW POINT 47.58°F
MAX WIND SPEED Gusts 22 mph from W
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Tuesday, August 26, 2025	
PERSONNEL	
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	
	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	
	Bancker Construction – John Phillips
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	



GZA DAILY FIELD REPORT 321

DATE: 8/26/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 8/26/2025

Work Activities

1. Bancker Construction began excavation of the sewer line trench in the northwestern portion of the Site using a vacuum truck. This excavation is being performed to install a sewer pipe connection from the building to the sanitary line beneath River Avenue. Near the building the sewer line crosses the previously excavated and backfilled SVE system trench excavation.
2. Only previously installed clean fill consisting of gas permeable aggregate (GPA) was removed from the trench above the demarcation layer during excavation. This GPA was stockpiled along the northwestern portion of the Site.

The trench location is shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 14.00 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 74.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

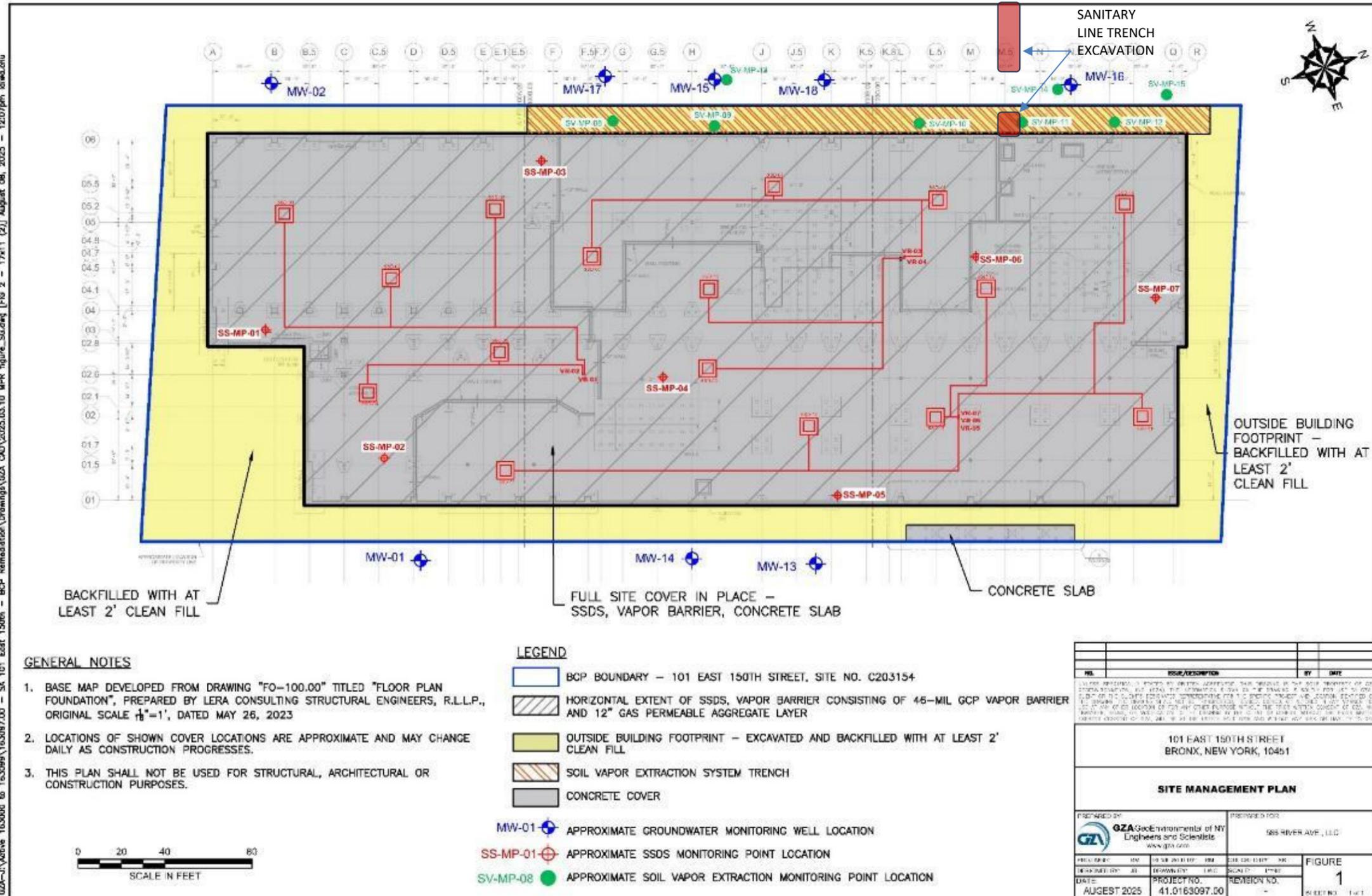
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 321

DATE: 8/26/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN



09/02/2025 - GZA GeoEnvironmental of NY
 GZA - U:\Active\163097.00 - 54_101_East_150th - BCP Remediation\Drawings\GZA_CAD\2025.03.10_MPR_figure_S0.dwg [P19 2 - 17x11 (2)] August 08, 2025 - 12:07pm lola@ohu

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 45-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SOIL VAPOR EXTRACTION SYSTEM TRENCH
- CONCRETE COVER
- MW-01 + APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- SS-MP-01 + APPROXIMATE SSDS MONITORING POINT LOCATION
- SV-MP-08 ● APPROXIMATE SOIL VAPOR EXTRACTION MONITORING POINT LOCATION

REV.	DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE MANAGEMENT PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 985 RIVER AVE., LLC	
PROJECT NO. 41.0163097.00	SHEET NO. 1	DATE AUGUST 2025	PROJECT NO. 41.0163097.00



GZA DAILY FIELD REPORT 321

DATE: 8/26/2025
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	South	2	South
			
Description: Bancker using vacuum truck to remove GPA from the SVE system trench in northwest portion of the Site.		Description: Bancker exposing existing SVE system piping in trench with GPA removal.	
3	East	4	South
			
Description: Bancker driving support of excavation timber into the subgrade.		Description: Northwest portion of Site (work area) at end of day.	



GZA DAILY FIELD REPORT 321

DATE: 8/26/2025
 FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

Daily Instrument Calibration Log

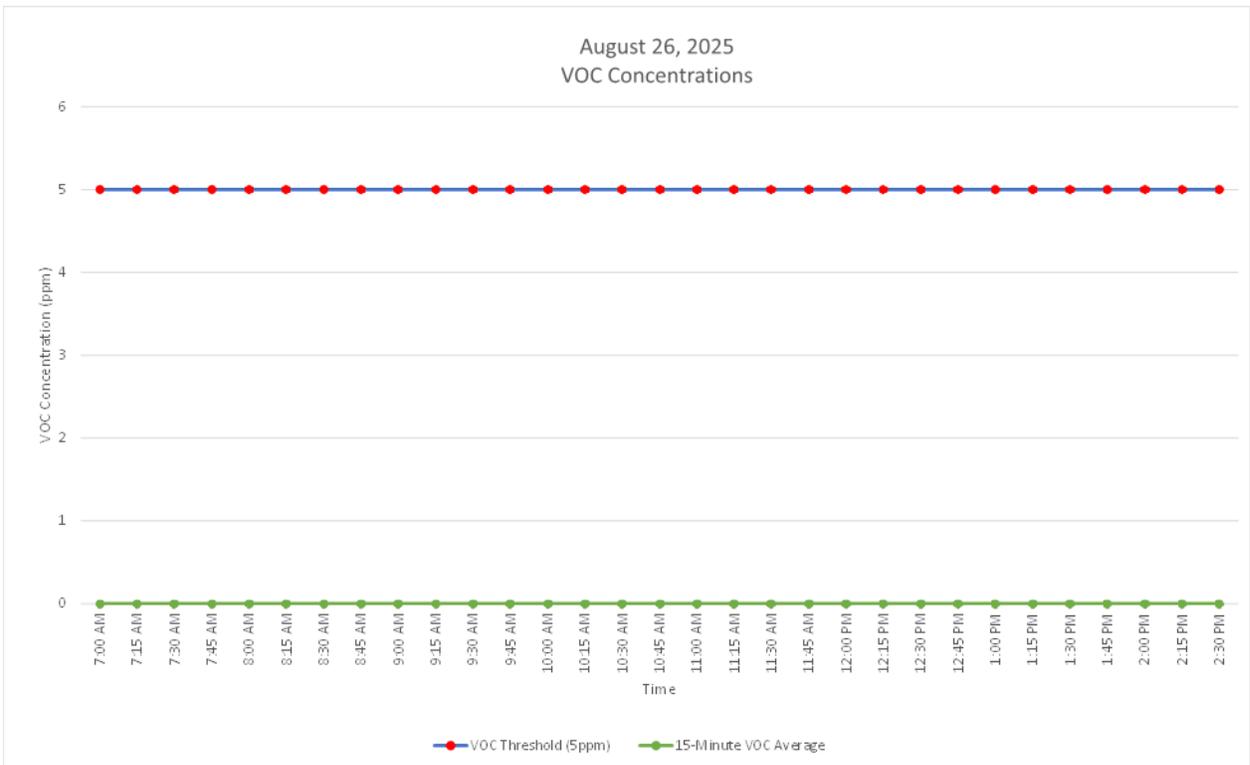
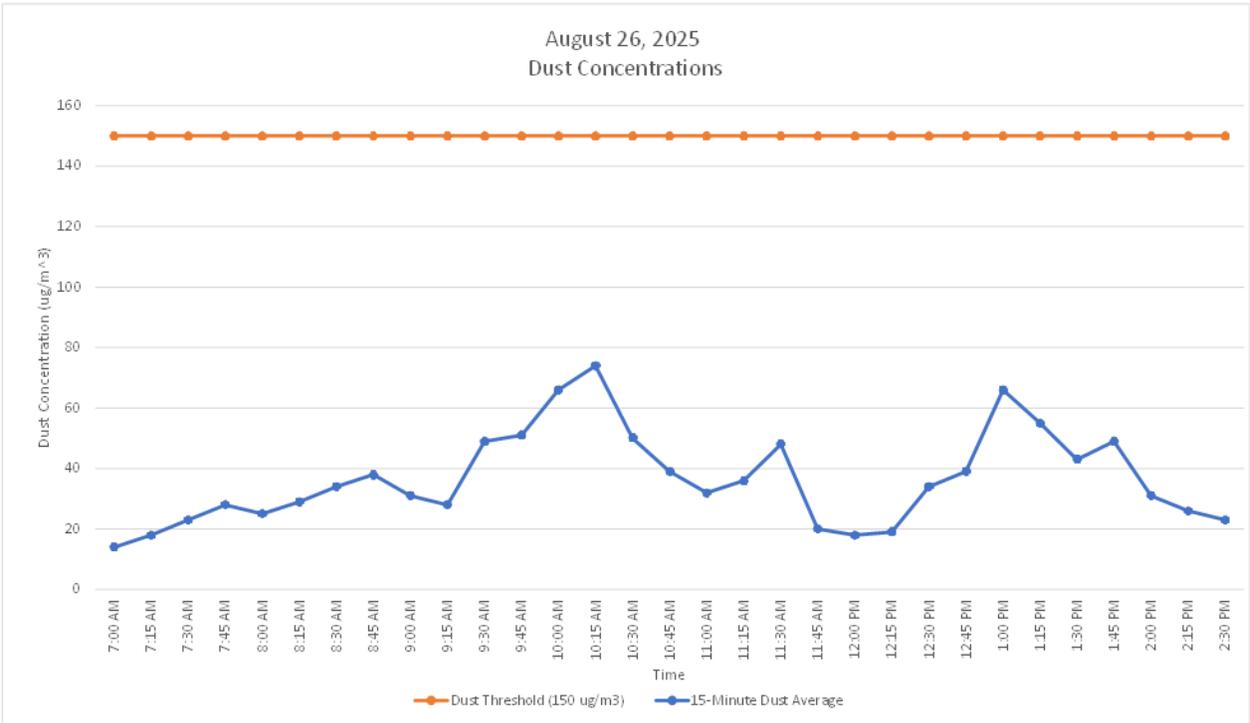
Date:	8/26/2025	Sampling Technician:	Matt DiLorenzo
Project #:	41.0163097.00	Project Name:	SA 101 E 150th St
Instruments Used:		Inspection Notes:	
Station 1			
Station 2			
Station 3			
Handheld	RAE Systems MiniRAE 3000+ PID TSI SidePak™ AM520	SN: 592-928274 SN: 5201911010	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes		Gas - 100 ppm 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes	
Data Rams: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes			
Post-Shift Download:		Results/Comments:	
PIDs: Instrument: 1 <input checked="" type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 3 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary			
Data Rams: 1 <input checked="" type="checkbox"/> Data 2 <input type="checkbox"/> Data 3 <input type="checkbox"/> Data			
Weather Station:		<input type="checkbox"/> No	
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>14.0</u>
PID 2:		Data Ram 2:	
PID 3:		Data Ram 3:	



GZA DAILY FIELD REPORT 321

DATE: 8/26/2025

FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 321

DATE: 8/26/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
August 26, 2025

Handheld CAMP		
Time	Dust - 15 min Average (ug/m3)	VOCs - 15 min Average (ppm)
7:00 AM	+ 14.000	0.00
7:15 AM	+ 18.000	0.00
7:30 AM	+ 23.000	0.00
7:45 AM	+ 28.000	0.00
8:00 AM	+ 25.000	0.00
8:15 AM	+ 29.000	0.00
8:30 AM	+ 34.000	0.00
8:45 AM	+ 38.000	0.00
9:00 AM	+ 31.000	0.00
9:15 AM	+ 28.000	0.00
9:30 AM	+ 49.000	0.00
9:45 AM	+ 51.000	0.00
10:00 AM	+ 66.000	0.00
10:15 AM	+ 74.000	0.00
10:30 AM	+ 50.000	0.00
10:45 AM	+ 39.000	0.00
11:00 AM	+ 32.000	0.00
11:15 AM	+ 36.000	0.00
11:30 AM	+ 48.000	0.00
11:45 AM	+ 20.000	0.00
12:00 PM	+ 18.000	0.00
12:15 PM	+ 19.000	0.00
12:30 PM	+ 34.000	0.00
12:45 PM	+ 39.000	0.00
1:00 PM	+ 66.000	0.00
1:15 PM	+ 55.000	0.00
1:30 PM	+ 43.000	0.00
1:45 PM	+ 49.000	0.00
2:00 PM	+ 31.000	0.00
2:15 PM	+ 26.000	0.00
2:30 PM	+ 23.000	0.00

NOTE

+ Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 322

DATE: 8/27/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Clear
AVE. TEMPERATURE 69.17°F
AVE. DEW POINT 46.96°F
MAX WIND SPEED Gusts 25 mph from NW
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Wednesday, August 27, 2025	
	PERSONNEL
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Bancker Construction – John Phillips
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	



GZA DAILY FIELD REPORT 322

DATE: 8/27/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 8/27/2025

Work Activities

1. Bancker Construction continued excavation of the sewer line trench in the northwestern portion of the Site that continued to an area outside of the property line. The sewer line crosses the previously excavated and backfilled SVE system trench excavation. This excavation is being performed to install a sewer pipe connection from the building to the sanitary line beneath River Avenue.
2. Residual soil from underneath the demarcation layer was staged next to the excavation and was stockpiled on polysheeting.

The trench location is shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 14.00 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 74.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

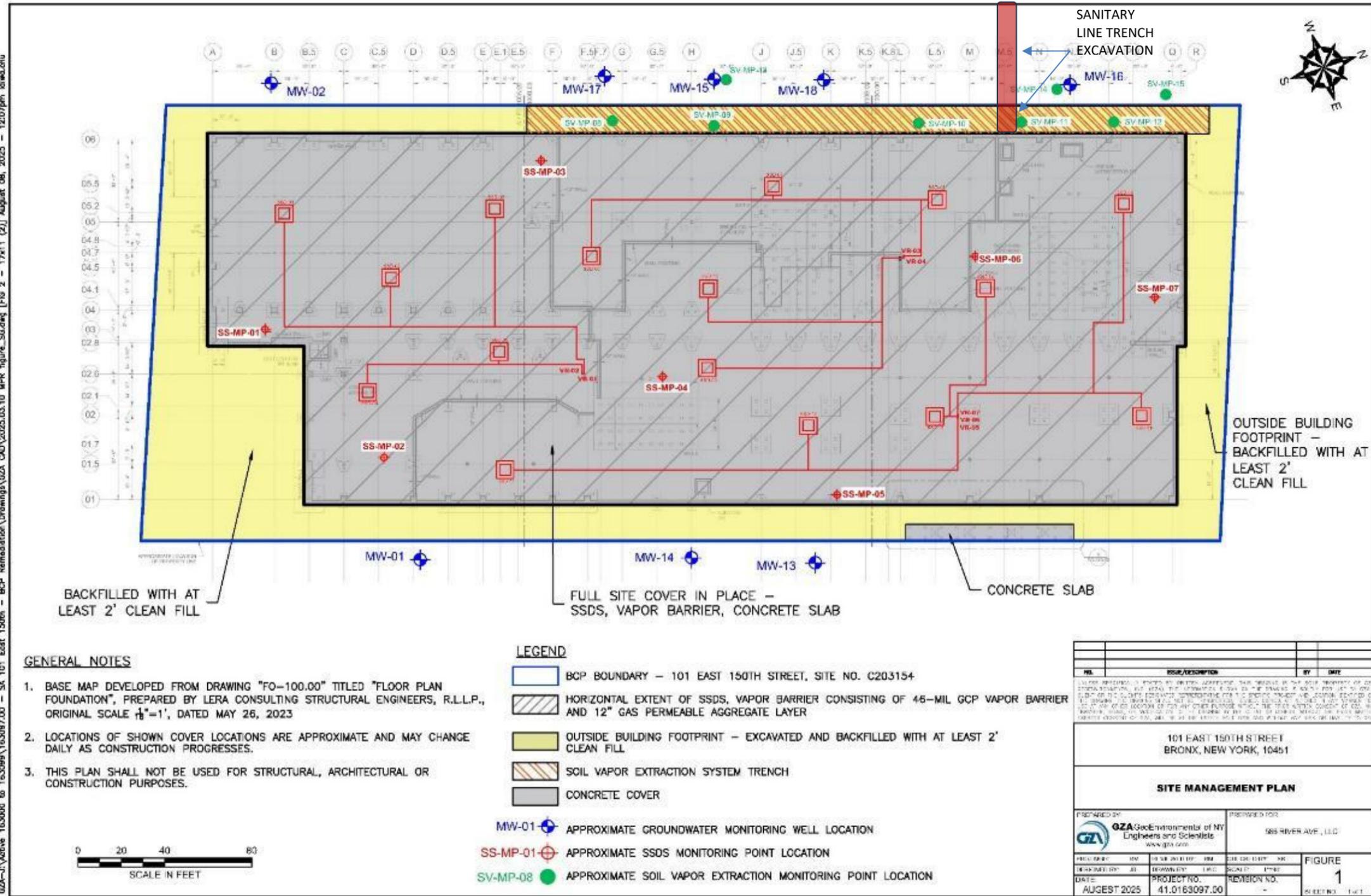
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 322

DATE: 8/27/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN



C:\Users\jloia\OneDrive\Documents\GZA\2025\03\10 MPR figure_S0.dwg [P18 2 - 17x11 (2)] August 08, 2025 - 12:07pm loiaa@ghu
 C:\Users\jloia\OneDrive\Documents\GZA\2025\03\10 MPR figure_S0.dwg [P18 2 - 17x11 (2)] August 08, 2025 - 12:07pm loiaa@ghu
 C:\Users\jloia\OneDrive\Documents\GZA\2025\03\10 MPR figure_S0.dwg [P18 2 - 17x11 (2)] August 08, 2025 - 12:07pm loiaa@ghu

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 45-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SOIL VAPOR EXTRACTION SYSTEM TRENCH
- CONCRETE COVER
- MW-01 + APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- SS-MP-01 + APPROXIMATE SSDS MONITORING POINT LOCATION
- SV-MP-08 ● APPROXIMATE SOIL VAPOR EXTRACTION MONITORING POINT LOCATION

REV.	DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE MANAGEMENT PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 985 RIVER AVE., LLC	
PROJECT NO. 41.0163097.00	DRAWN BY: JLOIA	CHECKED BY: JLOIA	FIGURE 1
DATE: AUGUST 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO. 1 of 1



GZA DAILY FIELD REPORT 322

DATE: 8/27/2025
 FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

<p>Photo No. 1</p>	<p>Direction Photo Taken: South</p>	<p>Photo No. 2</p>	<p>Direction Photo Taken South</p>
<p>Description: Bancker using excavator to remove material from trench in northwest portion of the Site.</p>		<p>Description: Bancker performing hand-clearing for utilities.</p>	
<p>Photo No. 3</p>	<p>Direction Photo Taken: Southwest</p>	<p>Photo No. 4</p>	<p>Direction Photo Taken: South</p>
<p>Description: Bancker driving support of excavation timber into the subgrade.</p>		<p>Description: Bancker continues excavation of trench to connect to the sewer line underneath River Avenue. Material from below the demarcation layer was staged next to the excavation and stockpiled on polysheeting.</p>	



GZA DAILY FIELD REPORT 322

DATE: 8/27/2025
 FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

Daily Instrument Calibration Log

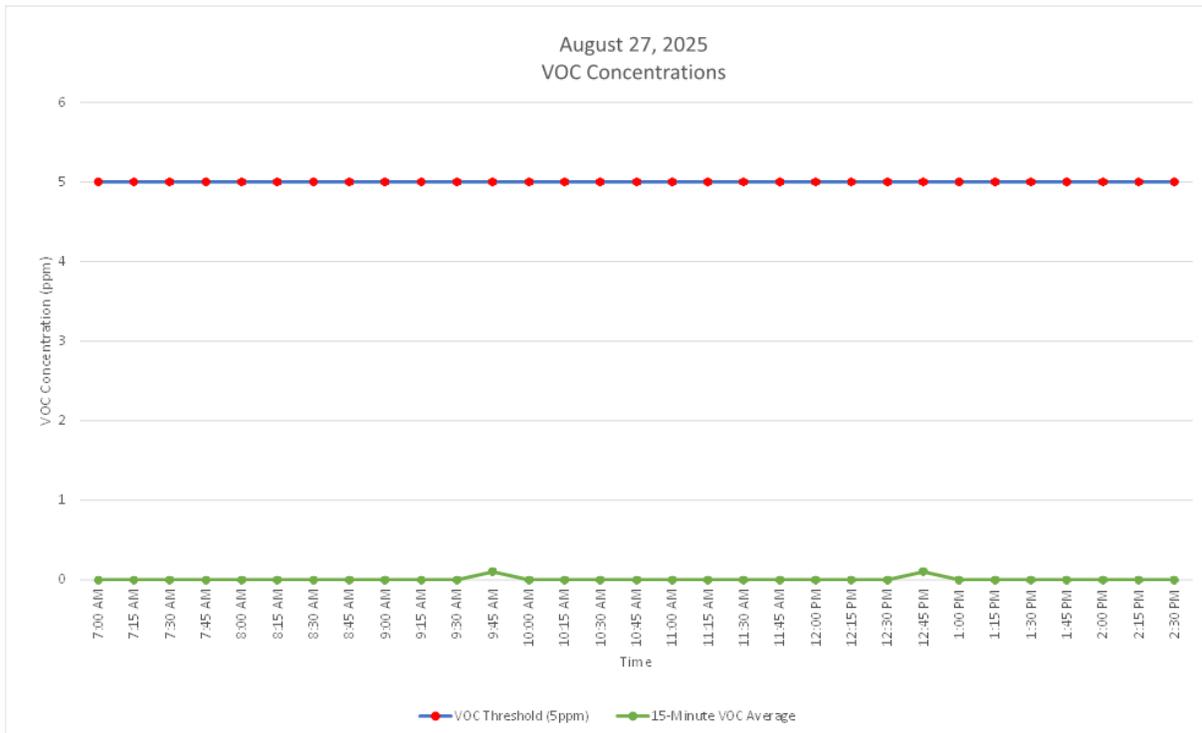
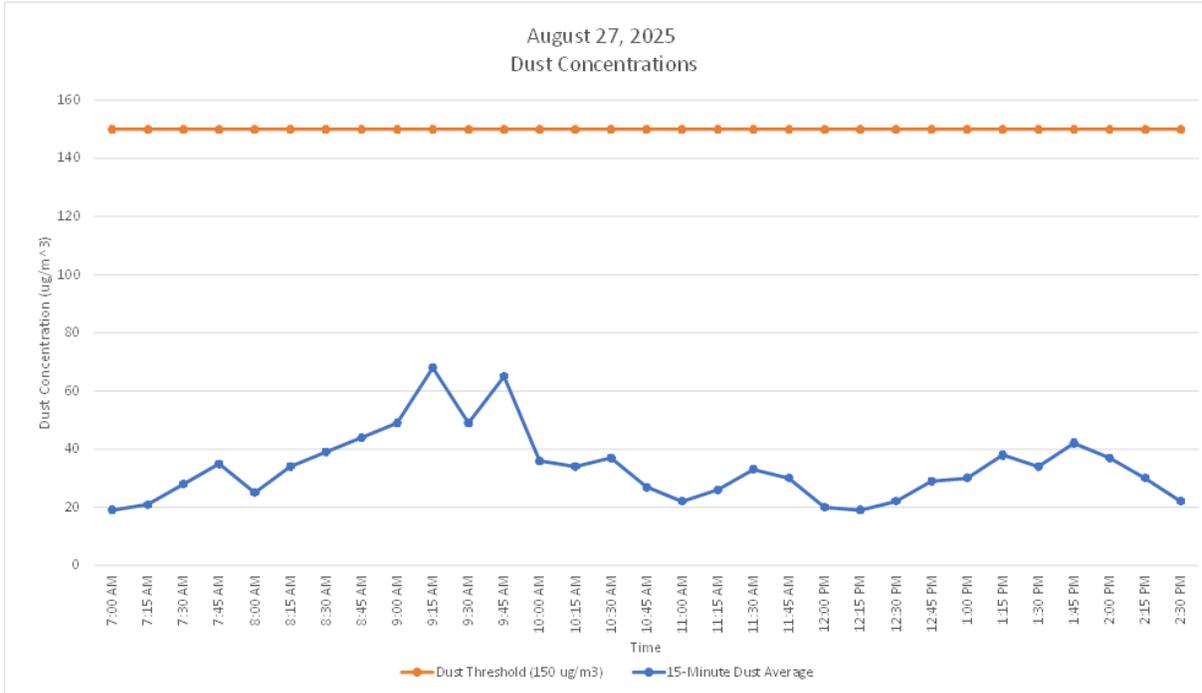
Date:	8/27/2025	Sampling Technician:	Matt DiLorenzo
Project #:	41.0163097.00	Project Name:	SA 101 E 150th St
Instruments Used:		Inspection Notes:	
Station 1			
Station 2			
Station 3			
Handheld	<u>RAE Systems MiniRAE 3000+ PID</u> <u>TSI SidePak™ AM520</u>	SN: <u>592-928274</u> SN: <u>5201911010</u>	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero Gas - 100 ppm 1 <input type="checkbox"/> No 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes Handheld <input checked="" type="checkbox"/> Yes			
Data Rams: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes			
Post-Shift Download:		Results/Comments:	
PIDs: Instrument: 1 <input checked="" type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 3 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary Data Rams: 1 <input checked="" type="checkbox"/> Data 2 <input type="checkbox"/> Data 3 <input type="checkbox"/> Data Weather Station: <input type="checkbox"/> No			
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>19.0</u>
PID 2:		Data Ram 2:	
PID 3:		Data Ram 3:	



GZA DAILY FIELD REPORT 322

DATE: 8/27/2025

FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 322

DATE: 8/27/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
August 27, 2025

Handheld C A M P		
Time	Dust - 15 min Average (ug/m3)	VOC s - 15 min Average (ppm)
7:00 AM †	19.000	0.00
7:15 AM †	21.000	0.00
7:30 AM †	28.000	0.00
7:45 AM †	35.000	0.00
8:00 AM †	25.000	0.00
8:15 AM †	34.000	0.00
8:30 AM †	39.000	0.00
8:45 AM †	44.000	0.00
9:00 AM †	49.000	0.00
9:15 AM †	68.000	0.00
9:30 AM †	49.000	0.00
9:45 AM †	65.000	0.10
10:00 AM †	36.000	0.00
10:15 AM †	34.000	0.00
10:30 AM †	37.000	0.00
10:45 AM †	27.000	0.00
11:00 AM †	22.000	0.00
11:15 AM †	26.000	0.00
11:30 AM †	33.000	0.00
11:45 AM †	30.000	0.00
12:00 PM †	20.000	0.00
12:15 PM †	19.000	0.00
12:30 PM †	22.000	0.00
12:45 PM †	29.000	0.10
1:00 PM †	30.000	0.00
1:15 PM †	38.000	0.00
1:30 PM †	34.000	0.00
1:45 PM †	42.000	0.00
2:00 PM †	37.000	0.00
2:15 PM †	30.000	0.00
2:30 PM †	22.000	0.00

NOTE

†. Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 323

DATE: 8/28/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Clear
AVE. TEMPERATURE 70.90°F
AVE. DEW POINT 47.65°F
MAX WIND SPEED Gusts 21 mph from SW
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
 B – Photo Log
 C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Thursday, August 28, 2025	
PERSONNEL	
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	
	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	
	Bancker Construction – John Phillips
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	



GZA DAILY FIELD REPORT 323

DATE: 8/28/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Thursday – 8/28/2025

Work Activities

1. Bancker continued the excavation of the utility trench at the northwestern corner of the Site. Excavated material was stockpiled on polysheeting.
2. Bancker Construction backfilled the trench with previously approved gas permeable aggregate (GPA) already on-site. The GPA was utilized as pipe bedding for the sanitary line.
3. Bancker Construction then began to place the new sewer pipe connection on top of the GPA bedding in the trench.

The trench location is shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 22.00 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 58.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

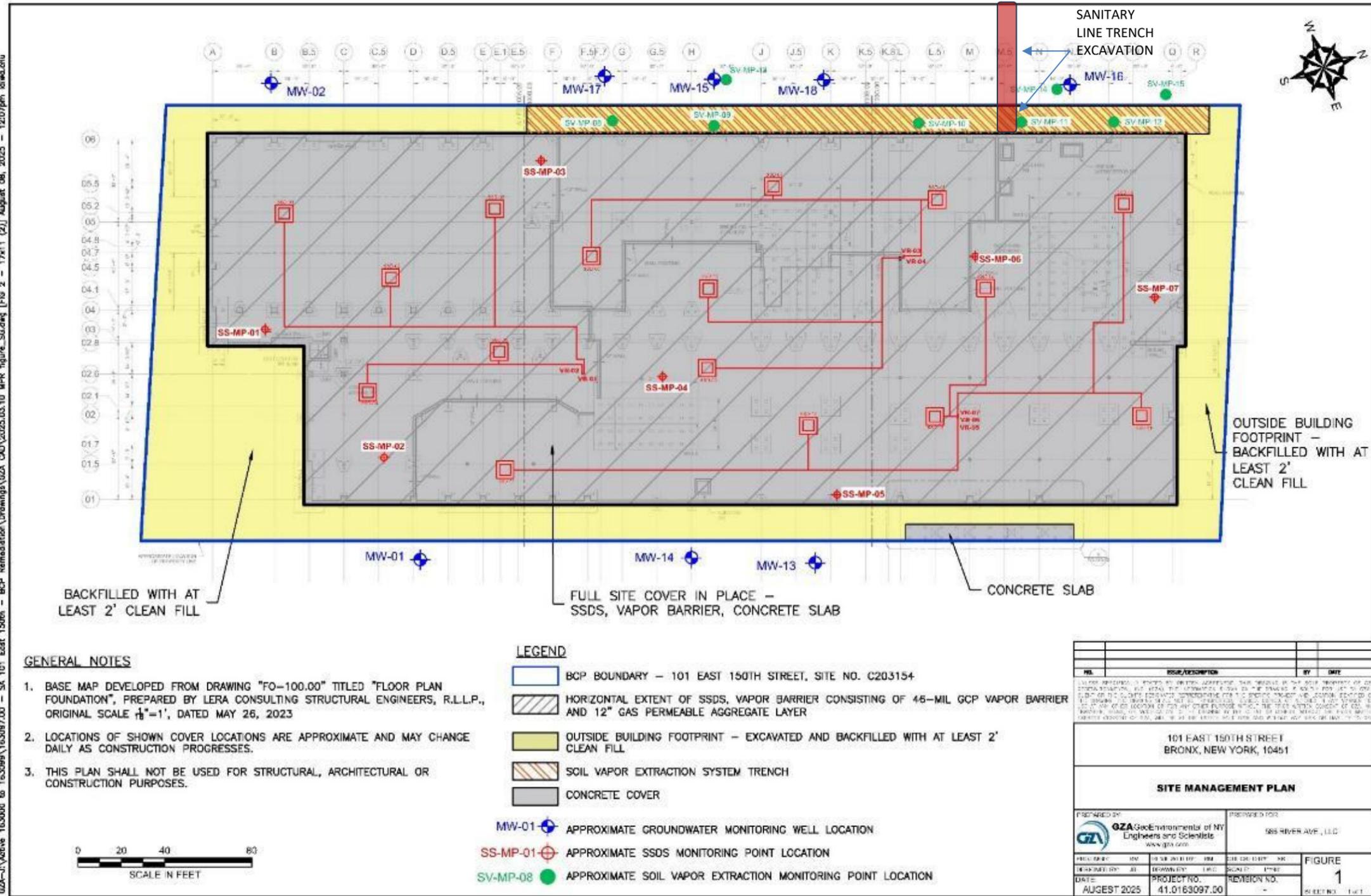
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 323

DATE: 8/28/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN



09/02/2025 - GZA GeoEnvironmental of NY
 GZA-11 Active 163097.00 to 163099.163097.00 - SA 10' East 150th - BCP Remediation Drawings\GZA_CAD\2025.03.10 MPR figure_S0.dwg [P19 2 - 17x11 (2)] August 08, 2025 - 12:07pm lola@ohu

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 45-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SOIL VAPOR EXTRACTION SYSTEM TRENCH
- CONCRETE COVER
- MW-01 + APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- SS-MP-01 + APPROXIMATE SSDS MONITORING POINT LOCATION
- SV-MP-08 ● APPROXIMATE SOIL VAPOR EXTRACTION MONITORING POINT LOCATION

REV.	DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE MANAGEMENT PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 985 RIVER AVE., LLC	
PROJECT NO. 41.0163097.00	SHEET NO. 1	DATE AUGUST 2025	PROJECT NO. 41.0163097.00



GZA DAILY FIELD REPORT 323

DATE: 8/28/2025
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	East	2	Southeast
			
Description: Bancker continued trench excavation at the northwestern portion of the Site. The excavated material was placed on top of polysheeting.		Description: Bancker placing layer of GPA at the base of trench for pipe bedding.	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken:
3	Southwest	4	South
			
Description: Sanitary pipe placed on top of GPA pipe bedding.		Description: Work area at end of day.	



GZA DAILY FIELD REPORT 323

DATE: 8/28/2025
 FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

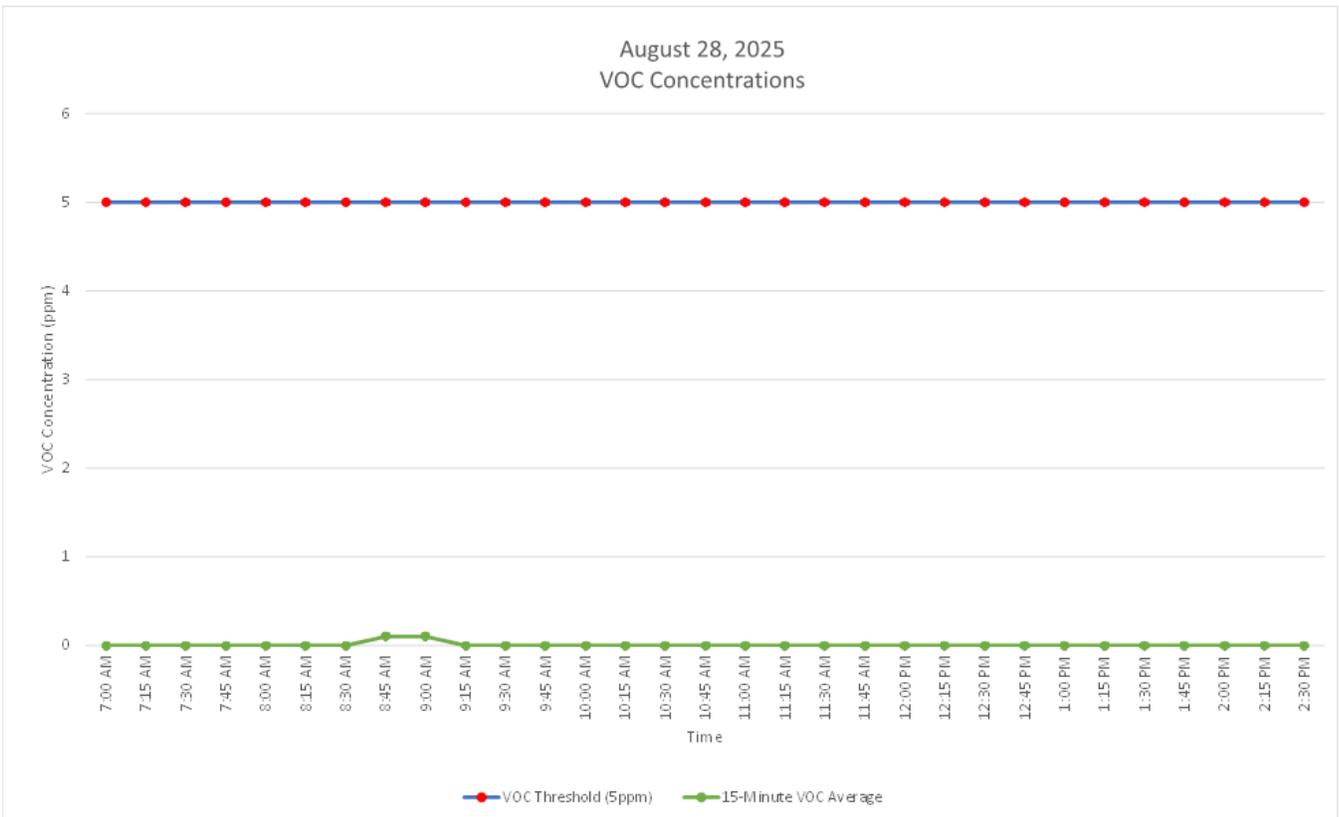
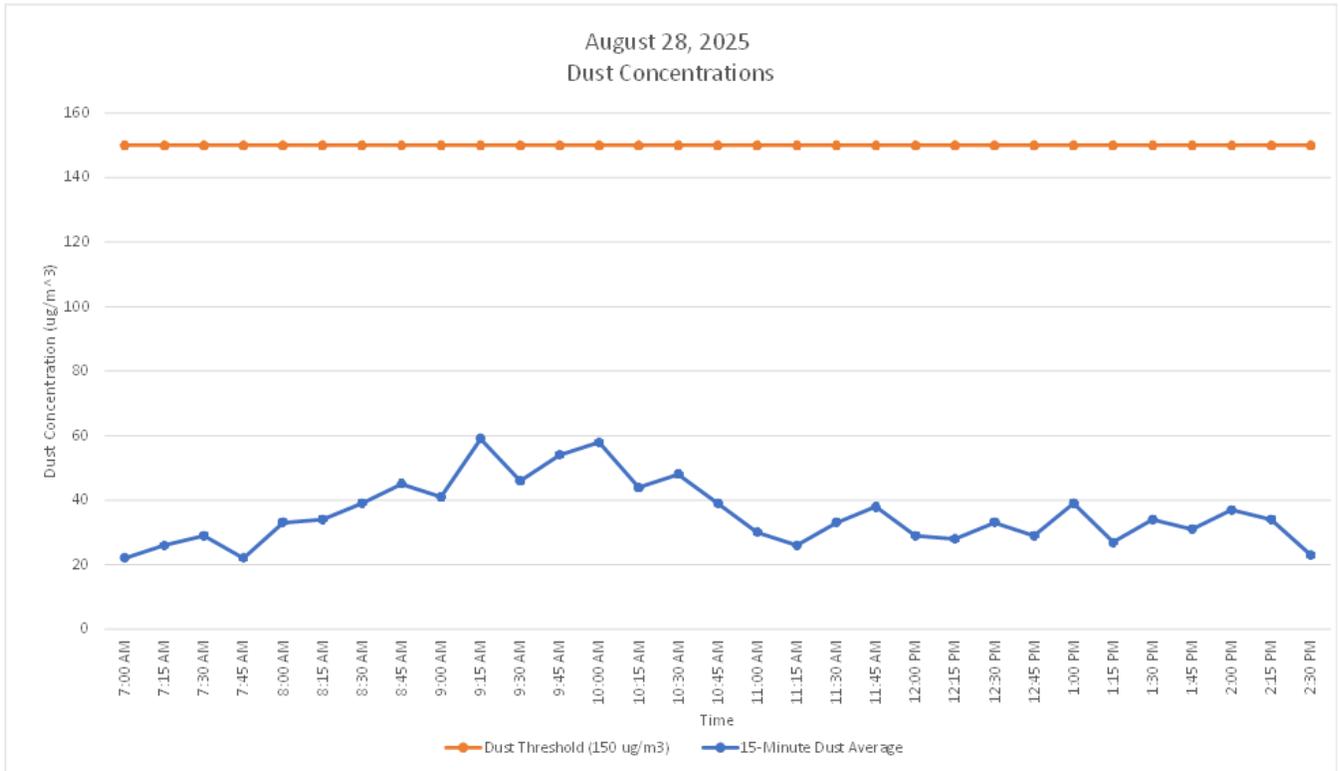
Daily Instrument Calibration Log

Date:	8/28/2025	Sampling Technician:	Matt DiLorenzo
Project #:	41.0163097.00	Project Name:	SA 101 E 150th St
Instruments Used:		Inspection Notes:	
Station 1			
Station 2			
Station 3			
Handheld	<u>RAE Systems MiniRAE 3000+ PID</u> <u>TSI SidePak™ AM520</u>	SN: 592-928274	SN: 5201911010
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero Gas - 100 ppm 1 <input type="checkbox"/> No 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes Handheld <input checked="" type="checkbox"/> Yes			
Data Rams: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes			
Post-Shift Download:		Results/Comments:	
PIDs: Instrument: 1 <input checked="" type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 3 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary Data Rams: 1 <input checked="" type="checkbox"/> Data 2 <input type="checkbox"/> Data 3 <input type="checkbox"/> Data Weather Station: <input type="checkbox"/> No			
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>22.0</u>
PID 2:		Data Ram 2:	
PID 3:		Data Ram 3:	



GZA DAILY FIELD REPORT 323

DATE: 8/28/2025
FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 323

DATE: 8/28/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
August 28, 2025

Handheld CAMP		
Time	Dust - 15 min Average (ug/m ³)	VOC s - 15 min Average (ppm)
7:00 AM †	22.000	0.00
7:15 AM †	26.000	0.00
7:30 AM †	29.000	0.00
7:45 AM †	22.000	0.00
8:00 AM †	33.000	0.00
8:15 AM †	34.000	0.00
8:30 AM †	39.000	0.00
8:45 AM †	45.000	0.10
9:00 AM †	41.000	0.10
9:15 AM †	59.000	0.00
9:30 AM †	46.000	0.00
9:45 AM †	54.000	0.00
10:00 AM †	58.000	0.00
10:15 AM †	44.000	0.00
10:30 AM †	48.000	0.00
10:45 AM †	39.000	0.00
11:00 AM †	30.000	0.00
11:15 AM †	26.000	0.00
11:30 AM †	33.000	0.00
11:45 AM †	38.000	0.00
12:00 PM †	29.000	0.00
12:15 PM †	28.000	0.00
12:30 PM †	33.000	0.00
12:45 PM †	29.000	0.00
1:00 PM †	39.000	0.00
1:15 PM †	27.000	0.00
1:30 PM †	34.000	0.00
1:45 PM †	31.000	0.00
2:00 PM †	37.000	0.00
2:15 PM †	34.000	0.00
2:30 PM †	23.000	0.00

NOTE

†. Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 324

DATE: 8/29/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Selia Gupta (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Clear
AVE. TEMPERATURE 70.38 °F
AVE. DEW POINT 52.08 °F
MAX WIND SPEED 10 mph from NW
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Friday, August 29, 2025	
PERSONNEL	
QEP:	GZA
	Selia Gupta
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Bancker Construction – John Phillips
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	



GZA DAILY FIELD REPORT 324

DATE: 8/29/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Friday – 8/29/2025

Work Activities

1. Bancker continued new sewer utility pipe installation to make River Avenue connection.
2. Bancker covered stockpiled soil with poly-sheeting at end of day.

The trench location is shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 23.00 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 65.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

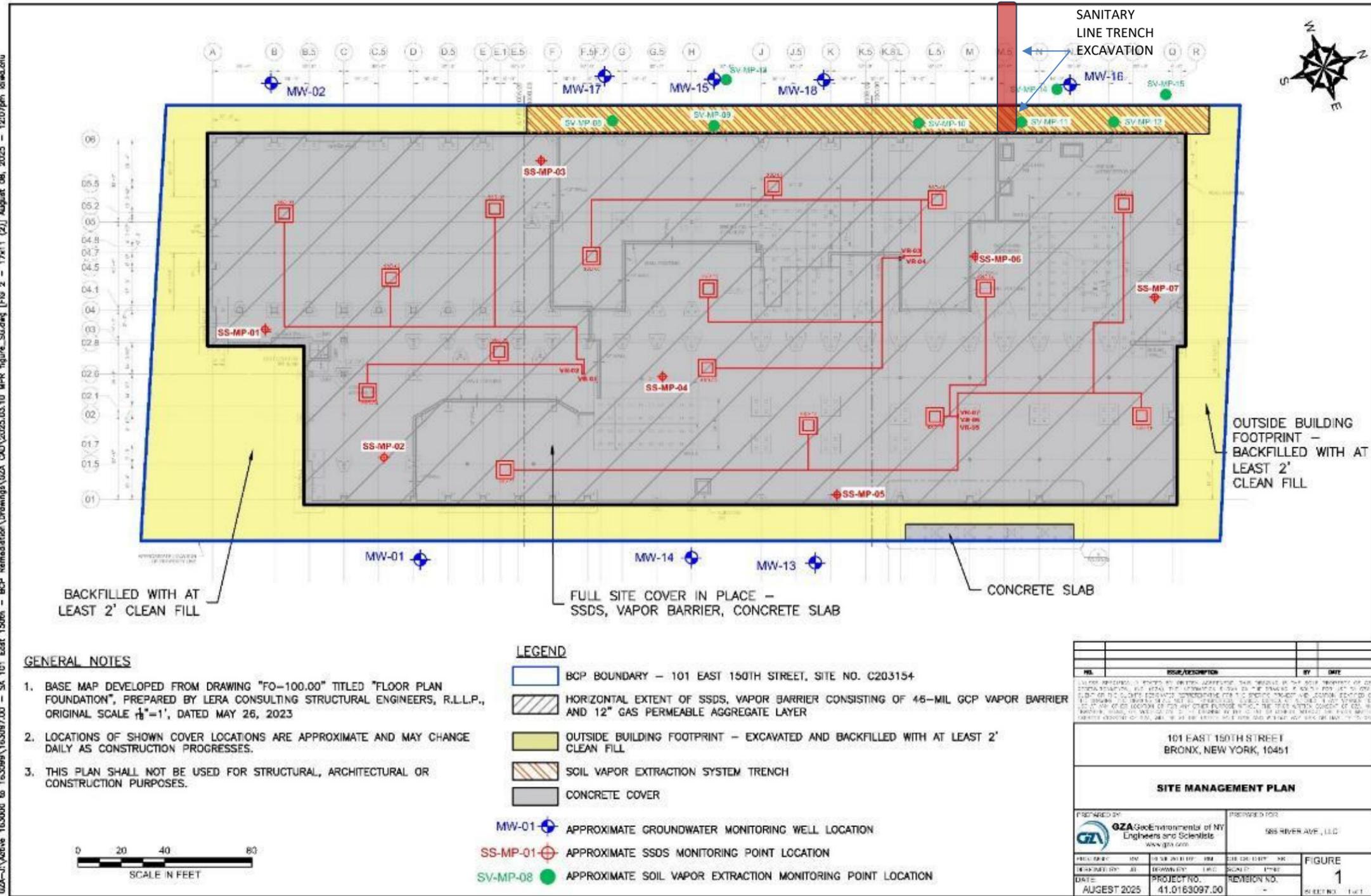
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 324

DATE: 8/29/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN



09/02/2025 - GZA GeoEnvironmental of NY
 GZA - U:\Active\163097.00 - 54_101_East_150th - BCP Remediation\Drawings\GZA_CAD\2025.03.10_MPR_figure_S0.dwg [P19 2 - 17x11 (2)] August 08, 2025 - 12:07pm lola@ohu

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 45-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SOIL VAPOR EXTRACTION SYSTEM TRENCH
- CONCRETE COVER
- MW-01 + APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- SS-MP-01 + APPROXIMATE SSDS MONITORING POINT LOCATION
- SV-MP-08 ● APPROXIMATE SOIL VAPOR EXTRACTION MONITORING POINT LOCATION

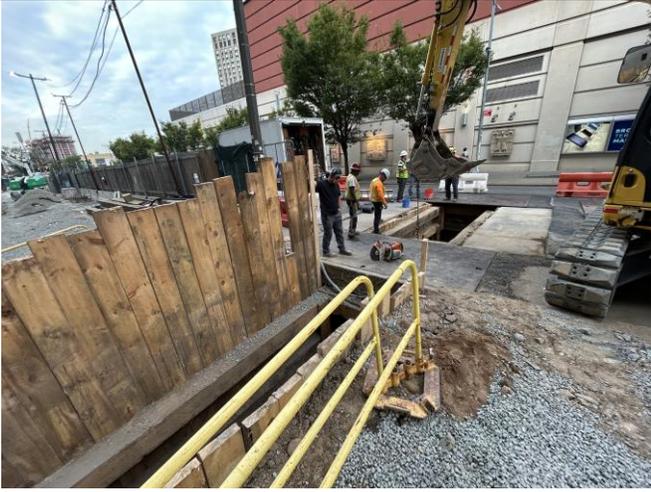
REV.	DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE MANAGEMENT PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 985 RIVER AVE., LLC	
PROJECT NO. 41.0163097.00	SHEET NO. 1	DATE AUGUST 2025	PROJECT NO. 41.0163097.00



GZA DAILY FIELD REPORT 324

DATE: 8/29/2025
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

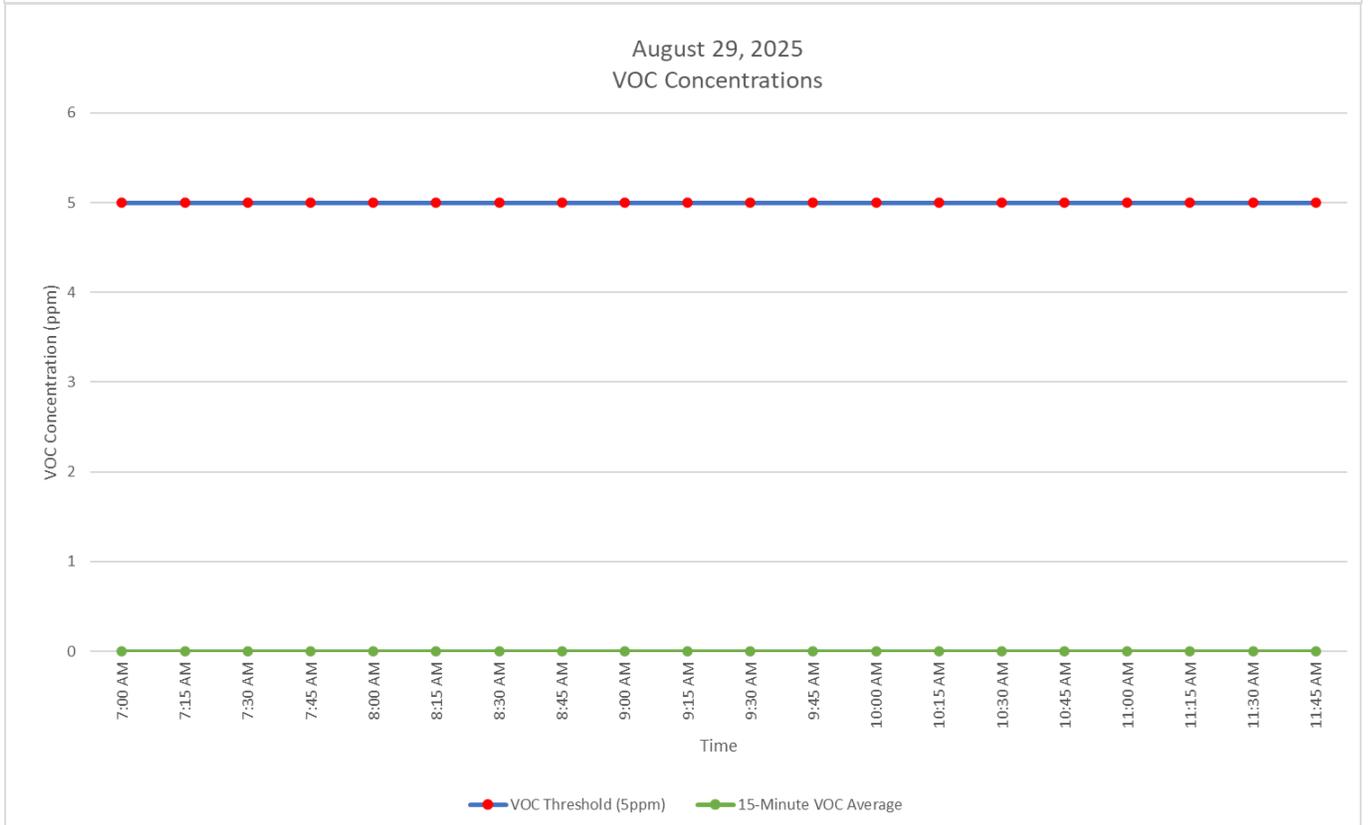
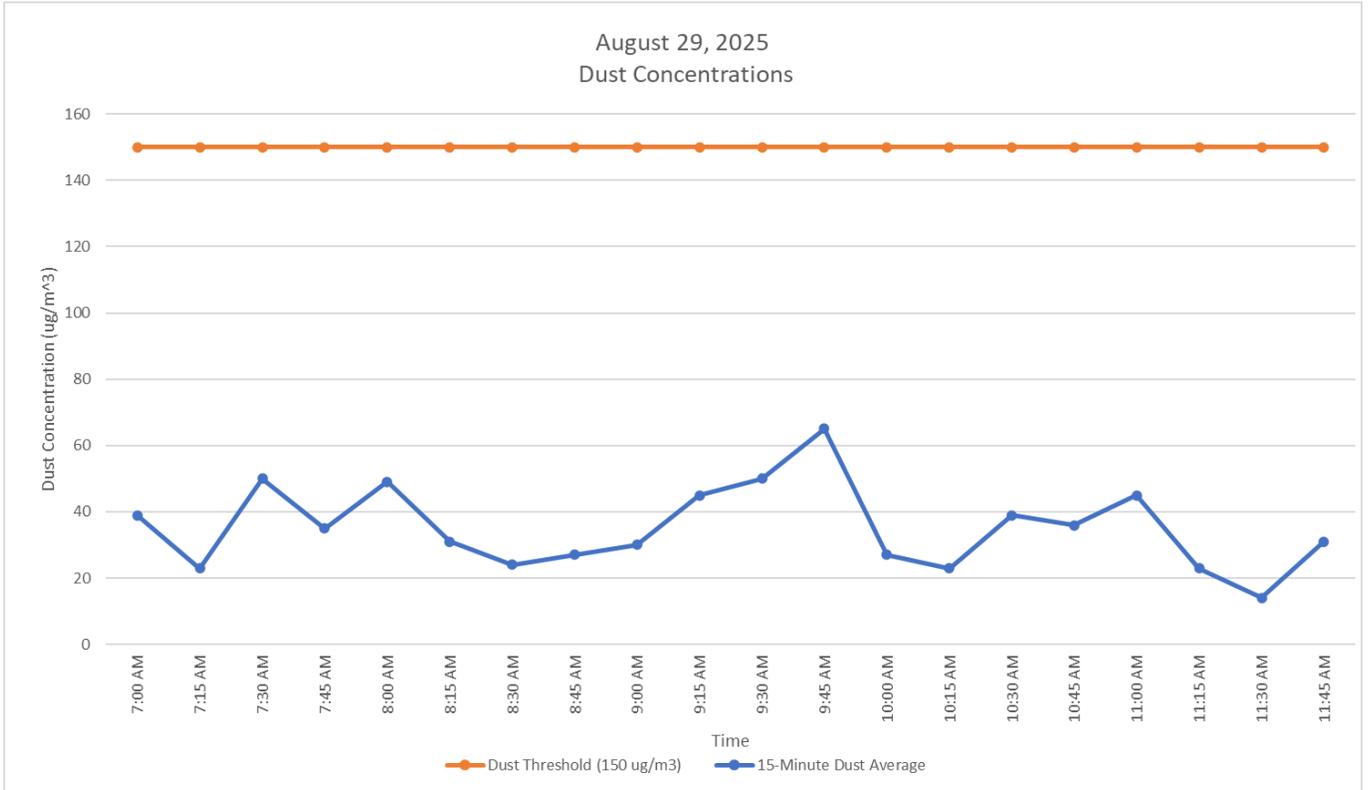
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	Southwest	2	South
			
Description: Bancker continued sewer utility line installation outside the northwestern portion off-Site on River Avenue.		Description: View of utility pipe connection and trench located inside property boundary near northwestern portion of Site.	
3	East	4	North
			
Description: Stockpiled soil covered with poly-sheeting located north of trench.		Description: Stockpiled soil covered with poly-sheeting located south of trench.	



GZA DAILY FIELD REPORT 324

DATE: 8/29/2025

FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 324

DATE: 8/29/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
August 29, 2025

Handheld CAMP			
Time		Dust - 15 min Average (ug/m3)	VOCs - 15 min Average (ppm)
7:00 AM	†	39.000	0.00
7:15 AM	†	23.000	0.00
7:30 AM	†	50.000	0.00
7:45 AM	†	35.000	0.00
8:00 AM	†	49.000	0.00
8:15 AM	†	31.000	0.00
8:30 AM	†	24.000	0.00
8:45 AM	†	27.000	0.00
9:00 AM	†	30.000	0.00
9:15 AM	†	45.000	0.00
9:30 AM	†	50.000	0.00
9:45 AM	†	65.000	0.00
10:00 AM	†	27.000	0.00
10:15 AM	†	23.000	0.00
10:30 AM	†	39.000	0.00
10:45 AM	†	36.000	0.00
11:00 AM	†	45.000	0.00
11:15 AM	†	23.000	0.00
11:30 AM	†	14.000	0.00
11:45 AM	†	31.000	0.00

NOTE

†. Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 325

DATE: 9/2/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Clear
AVE. TEMPERATURE 69.48°F
AVE. DEW POINT 56.44°F
MAX WIND SPEED 13 mph from NE
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Tuesday, September 2, 2025	
	PERSONNEL
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Bancker Construction – John Phillips
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	



GZA DAILY FIELD REPORT 325

DATE: 9/2/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 9/2/2025

Work Activities

1. Bancker completed the new sewer utility pipe connection to River Avenue.
2. The total trench excavation, running from the western portion of the building to the center of the adjacent street, River Avenue, is approximately 30 feet long, 8 feet deep and 3 feet wide. The portion of the trench inside the property line is approximately 12 feet long. Areas of the excavation that extended beneath the previously installed demarcation layer were stockpiled for sampling.
3. Bancker backfilled the on-site trench portion along River Avenue with NYSDEC-approved GPA stockpiled at the southwestern portion of the Site.
4. DeMatteis Organization completed the installation of the gauges on the SSDS risers on the cellar level.

The trench location is shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 15.00 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 38.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

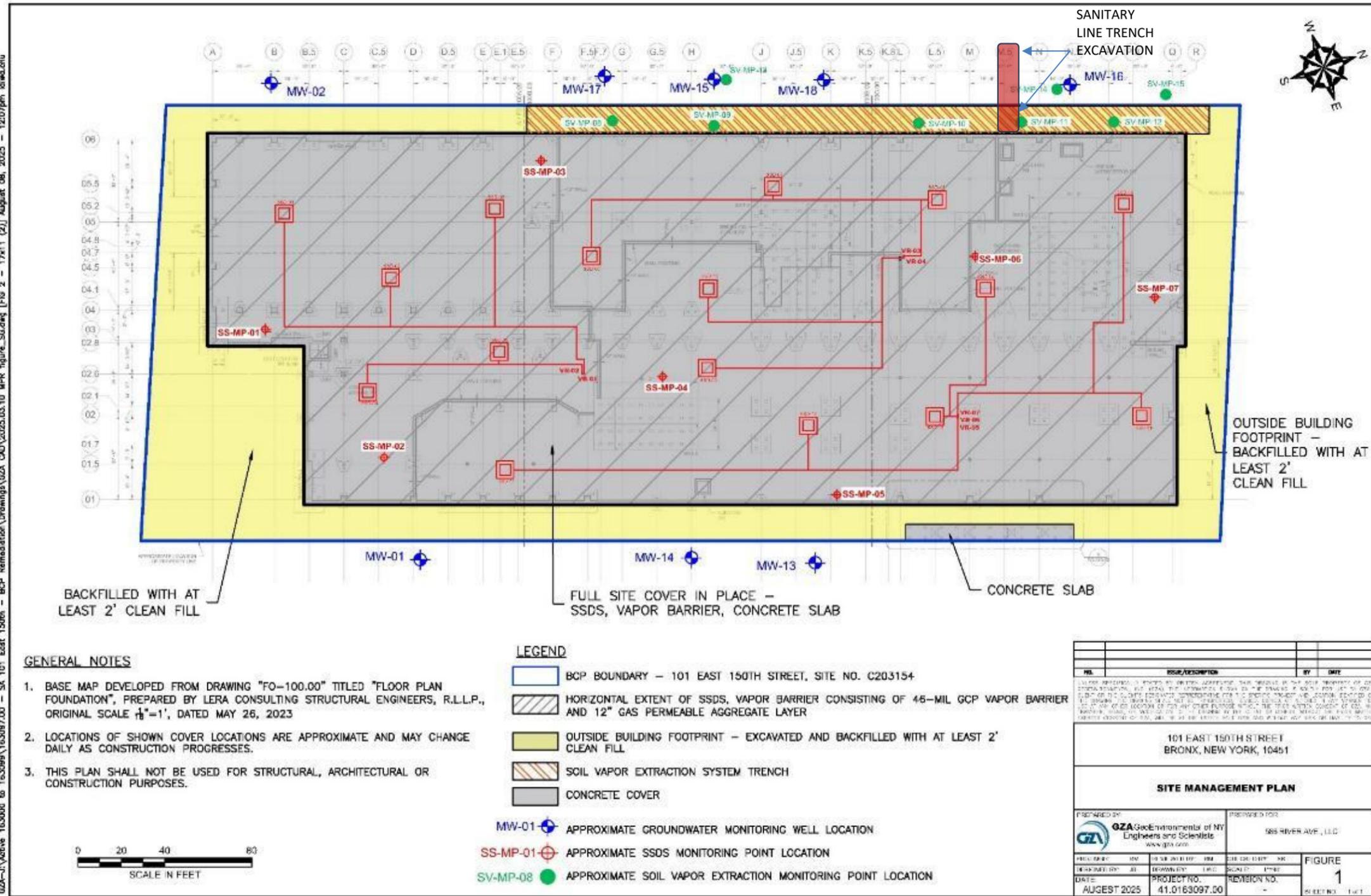
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 325

DATE: 9/2/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN



09/02/2025 - GZA GeoEnvironmental of NY
 GZA - U:\Active\163097.00 - 54_101_East_150th - BCP Remediation\Drawings\GZA_CAD\2025.03.10_MPR_figure_S0.dwg [P18 2 - 17x11 (2)] August 08, 2025 - 12:07pm jolea.chu

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 45-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SOIL VAPOR EXTRACTION SYSTEM TRENCH
- CONCRETE COVER
- MW-01 + APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- SS-MP-01 + APPROXIMATE SSDS MONITORING POINT LOCATION
- SV-MP-08 ● APPROXIMATE SOIL VAPOR EXTRACTION MONITORING POINT LOCATION

REV.	DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE MANAGEMENT PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 985 RIVER AVE., LLC	
PROJECT NO. 41.0163097.00	DRAWN BY: JAC	CHECKED BY: JAC	FIGURE 1
DATE: AUGUST 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO. 1 of 1



GZA DAILY FIELD REPORT 325

DATE: 9/2/2025
 FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken East
Description: Bancker connects the sewer utility line in trench		Description: Bancker backfilling portion of trench on River Avenue.	
Photo No. 3	Direction Photo Taken: East	Photo No. 4	Direction Photo Taken: N/A
Description: Excavated material from the trench excavation cover with polysheting. Note the NYSDEC-approved GPA stockpiled in the background.		Description: SSDS riser pipe with gauges.	



GZA DAILY FIELD REPORT 325

DATE: 9/2/2025
 FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

Daily Instrument Calibration Log

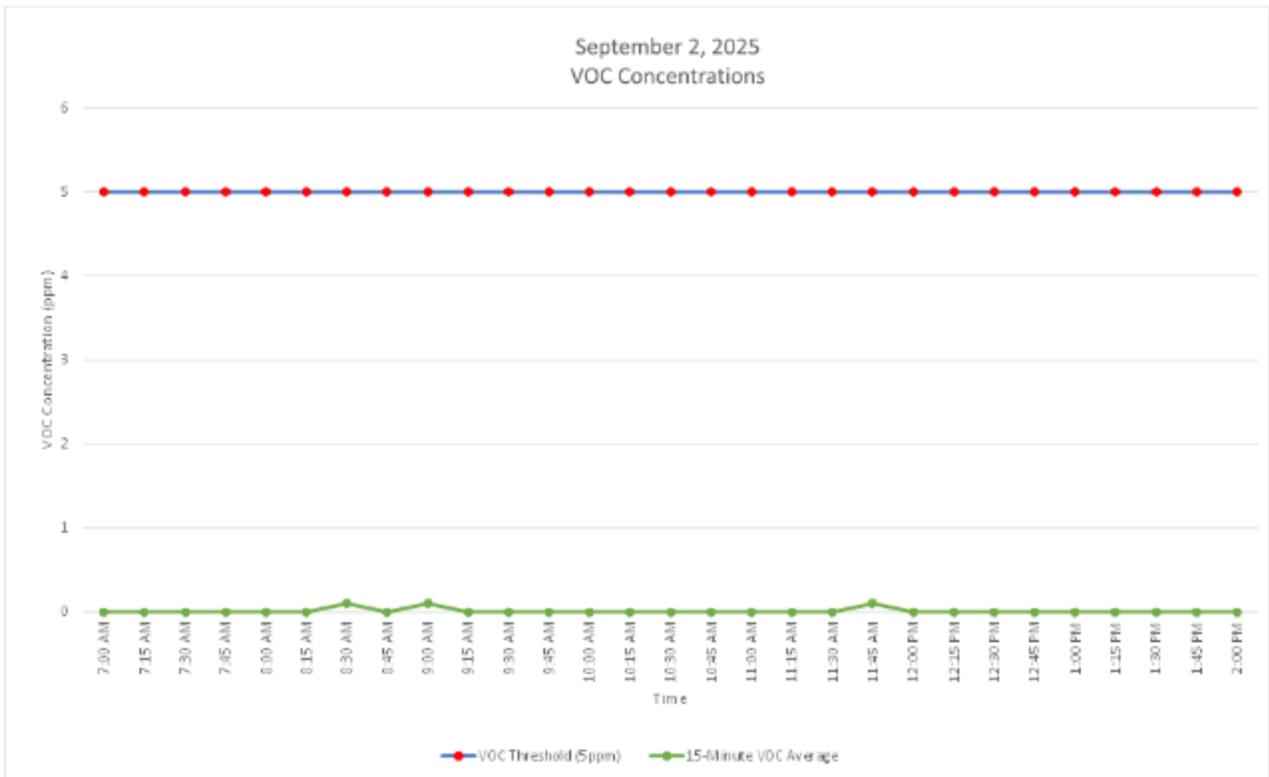
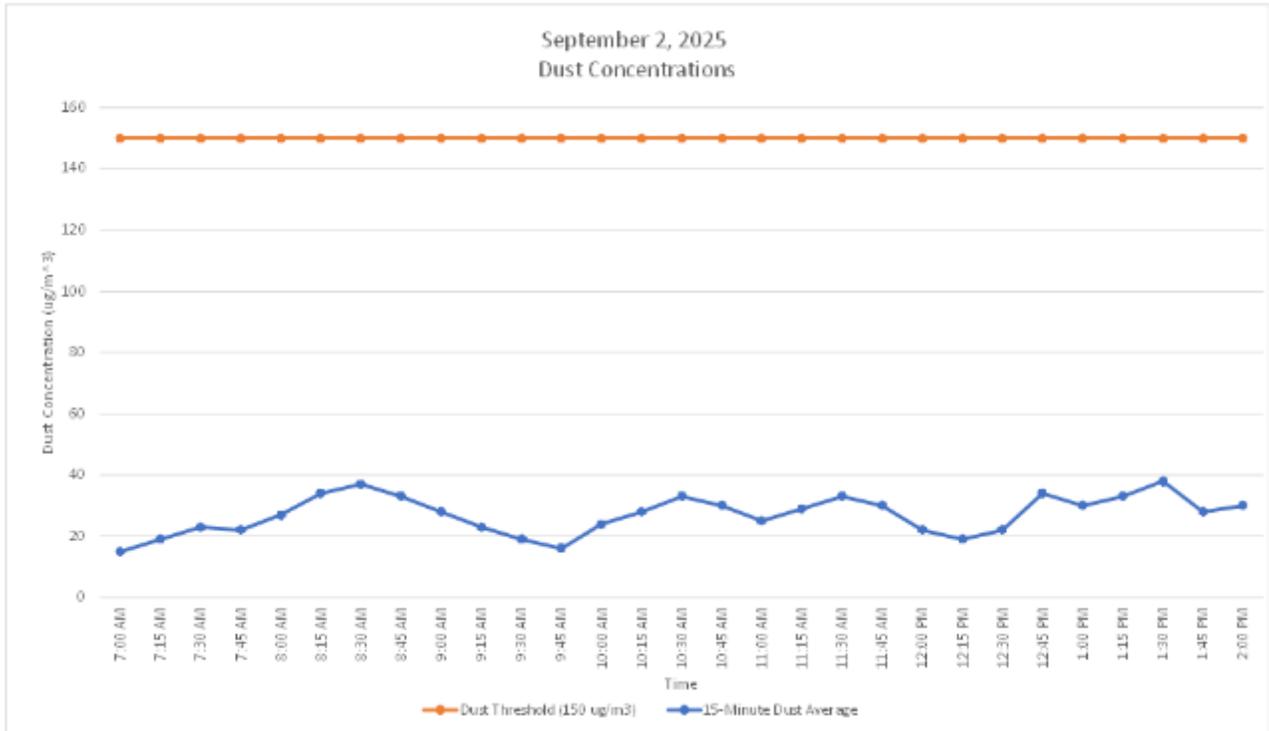
Date:	9/2/2025	Sampling Technician:	Matt DiLorenzo
Project #:	41.0163097.00	Project Name:	SA 101 E 150th St
Instruments Used:	Inspection Notes:		
Station 1			
Station 2			
Station 3			
Handheld	RAE Systems MiniRAE 3000+ PID TSI SidePak™ AMS20	SN: 592-928274 SN: 5201911010	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes		Gas - 100 ppm 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes	
Data Rams: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes			
Post-Shift Download:			Results/Comments:
PIDs: Instrument: 1 <input checked="" type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 3 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary			
Data Rams: 1 <input checked="" type="checkbox"/> Data 2 <input type="checkbox"/> Data 3 <input type="checkbox"/> Data			
Weather Station:			<input type="checkbox"/> No
Background Readings:			
PID 1:	0.0	Data Ram 1:	15.0
PID 2:		Data Ram 2:	
PID 3:		Data Ram 3:	



GZA DAILY FIELD REPORT 325

DATE: 9/2/2025

FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 325

DATE: 9/2/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
September 2, 2025

Handheld C A M P			
Time		Dust - 15 min Average (ug/m ³)	VOCs - 15 min Average (ppm)
7:00 AM	†	15.000	0.00
7:15 AM	†	19.000	0.00
7:30 AM	†	23.000	0.00
7:45 AM	†	22.000	0.00
8:00 AM	†	27.000	0.00
8:15 AM	†	34.000	0.00
8:30 AM	†	37.000	0.10
8:45 AM	†	33.000	0.00
9:00 AM	†	28.000	0.10
9:15 AM	†	23.000	0.00
9:30 AM	†	19.000	0.00
9:45 AM	†	16.000	0.00
10:00 AM	†	24.000	0.00
10:15 AM	†	28.000	0.00
10:30 AM	†	33.000	0.00
10:45 AM	†	30.000	0.00
11:00 AM	†	25.000	0.00
11:15 AM	†	29.000	0.00
11:30 AM	†	33.000	0.00
11:45 AM	†	30.000	0.10
12:00 PM	†	22.000	0.00
12:15 PM	†	19.000	0.00
12:30 PM	†	22.000	0.00
12:45 PM	†	34.000	0.00
1:00 PM	†	30.000	0.00
1:15 PM	†	33.000	0.00
1:30 PM	†	38.000	0.00
1:45 PM	†	28.000	0.00
2:00 PM	†	30.000	0.00

NOTE

†. Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 326

DATE: 9/3/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Clear
AVE. TEMPERATURE 69.38°F
AVE. DEW POINT 54.42°F
MAX WIND SPEED 9 mph from SSE
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Wednesday, September 3, 2025	
	PERSONNEL
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Bancker Construction – John Phillips
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	



GZA DAILY FIELD REPORT 326

DATE: 9/3/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 9/3/2025

Work Activities

1. The total trench excavation, running from the western portion of the building to the center of the adjacent street, River Avenue, is approximately 30 feet long, 8 feet deep and 3 feet wide. The portion of the trench inside the property line is approximately 12 feet long. Areas of the excavation that extended beneath the previously installed demarcation layer were stockpiled for sampling. Bancker moved all stockpiled material to the northern portion of the Site on top of poly sheeting. The stockpile was also covered with poly sheeting at the end of the day.
2. Bancker continued to backfill the portion of the trench outside the property line along River Avenue. Bancker installed a timber barrier inside the trench to ensure no fill crossed the property line. The area inside the property line is to be backfilled with NYSDEC approved GPA only.

The trench location is shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 19.00 ug/m³

High Conditions – PID: 0.01 ppm, Particulates: 44.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

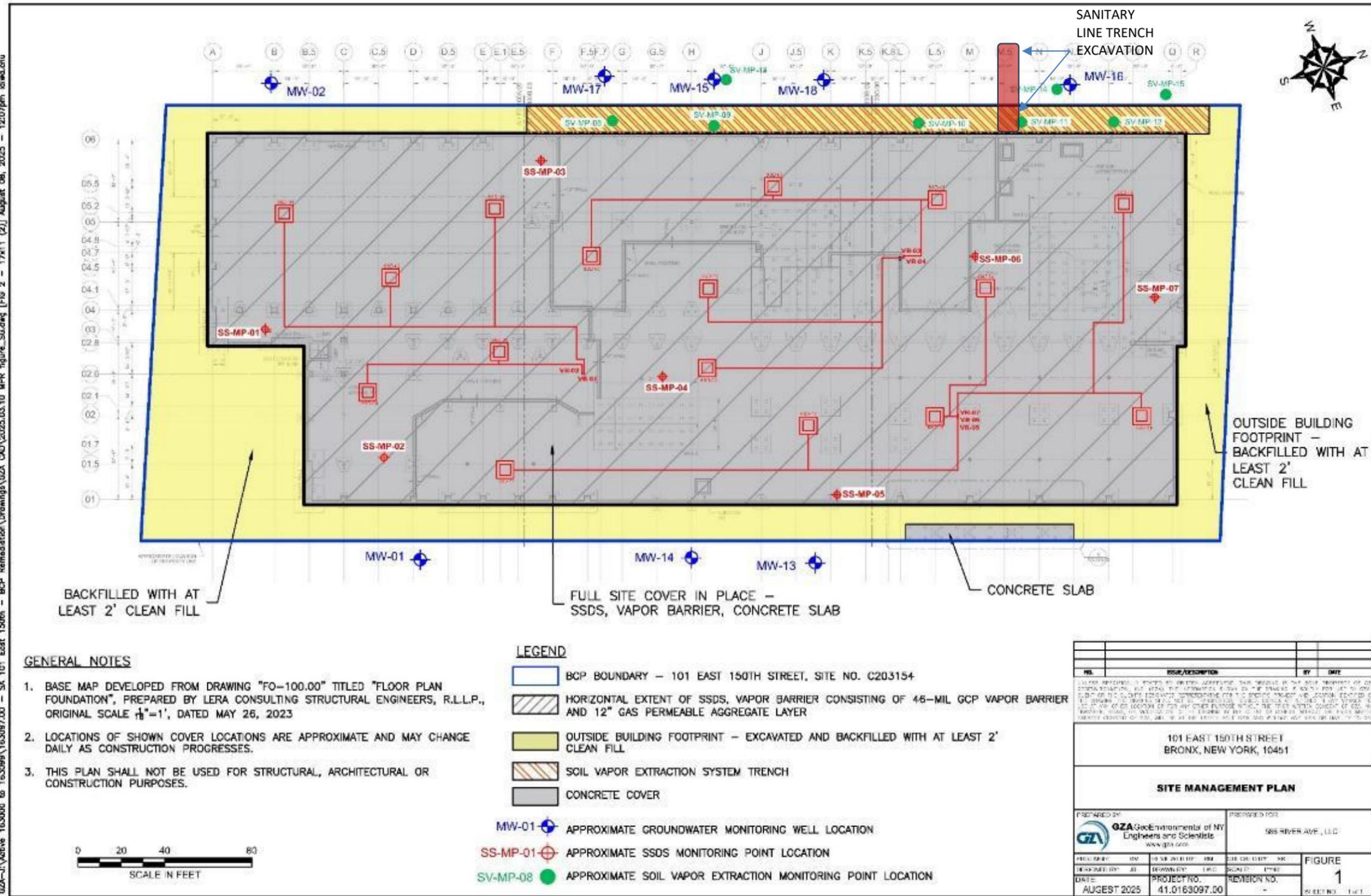
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 326

DATE: 9/3/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN





GZA DAILY FIELD REPORT 326

DATE: 9/3/2025
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

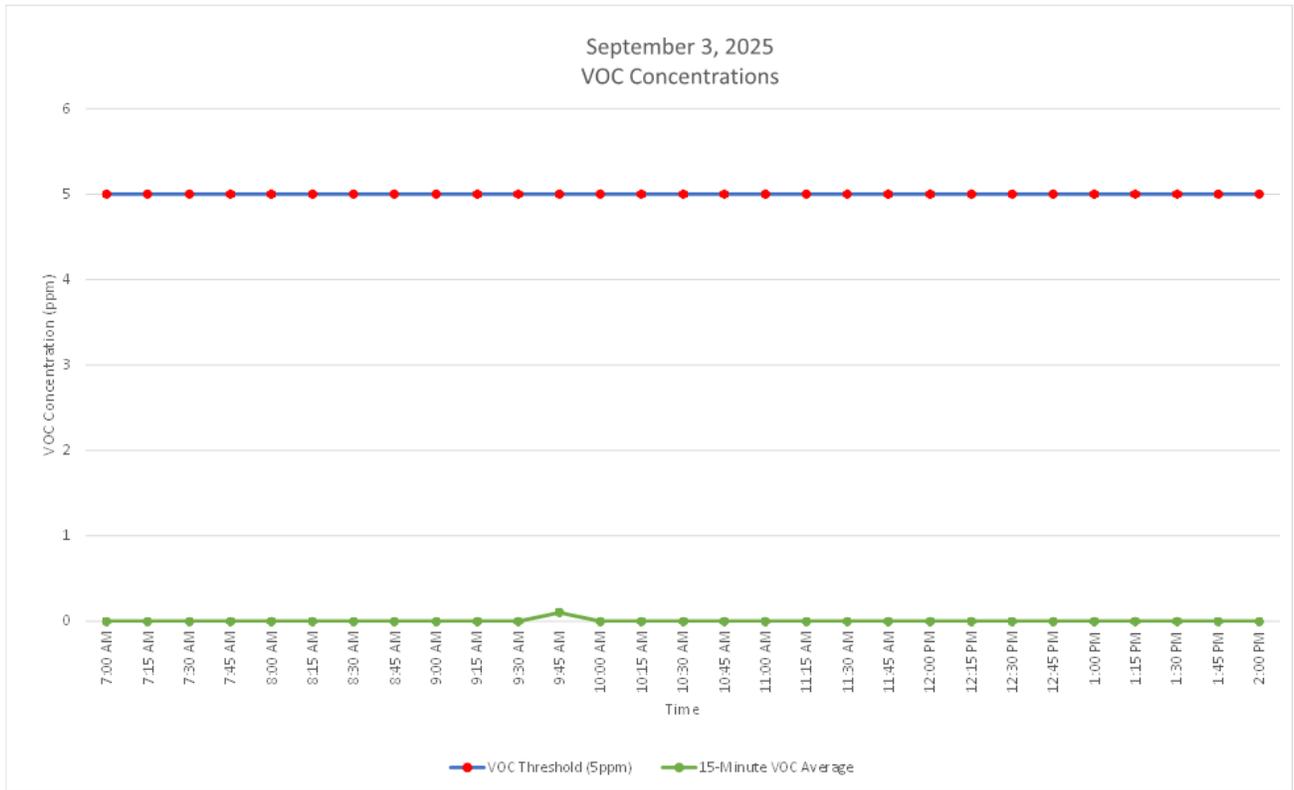
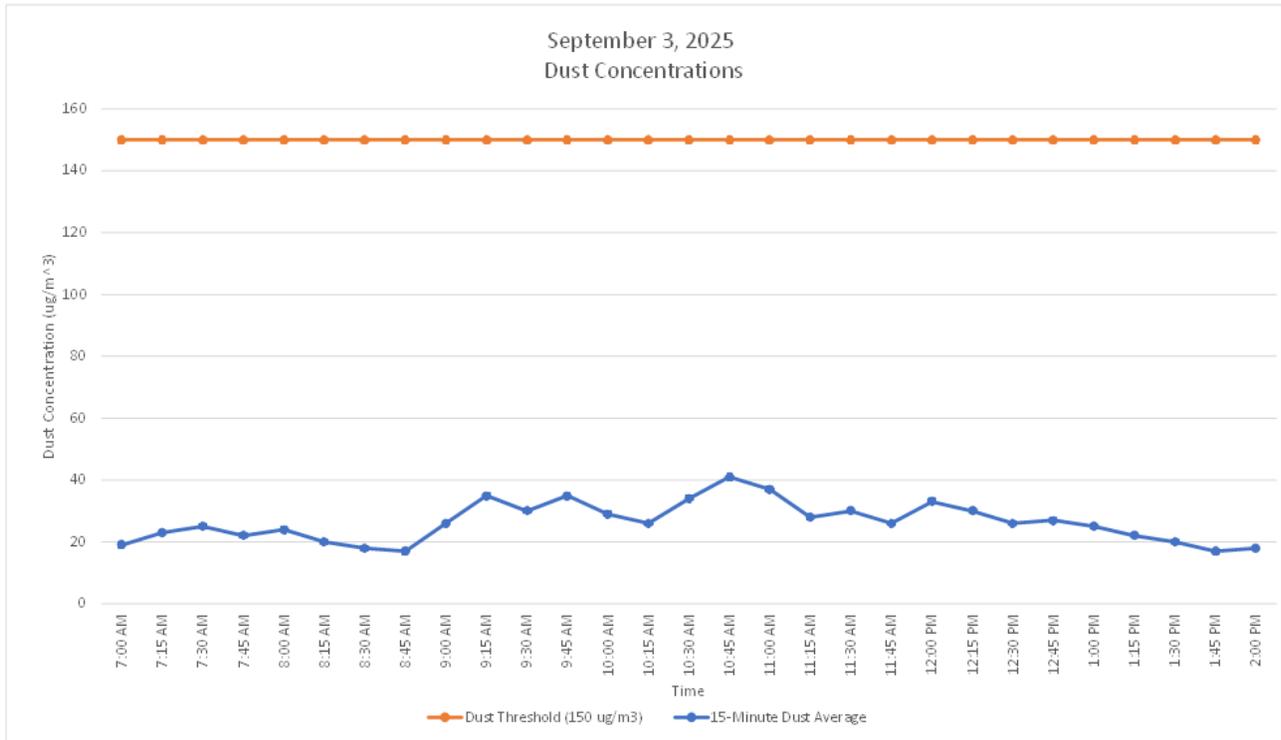
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	West	2	Southeast
			
Description: Bancker backfilling trench outside of property line.		Description: Bancker excavating for removal of timber SOE.	
3	South	4	Southeast
			
Description: Bancker pouring concrete along River Avenue.		Description: Excavated material from the trench moved to northern portion of Site and covered with poly sheeting.	



GZA DAILY FIELD REPORT 326

DATE: 9/3/2025

FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 326

DATE: 9/3/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
September 3, 2025

Handheld C.A.M.P		
Time	Dust - 15 min Average (ug/m3)	VOC s - 15 min Average (ppm)
7:00 AM †	19.000	0.00
7:15 AM †	23.000	0.00
7:30 AM †	25.000	0.00
7:45 AM †	22.000	0.00
8:00 AM †	24.000	0.00
8:15 AM †	20.000	0.00
8:30 AM †	18.000	0.00
8:45 AM †	17.000	0.00
9:00 AM †	26.000	0.00
9:15 AM †	35.000	0.00
9:30 AM †	30.000	0.00
9:45 AM †	35.000	0.10
10:00 AM †	29.000	0.00
10:15 AM †	26.000	0.00
10:30 AM †	34.000	0.00
10:45 AM †	41.000	0.00
11:00 AM †	37.000	0.00
11:15 AM †	28.000	0.00
11:30 AM †	30.000	0.00
11:45 AM †	26.000	0.00
12:00 PM †	33.000	0.00
12:15 PM †	30.000	0.00
12:30 PM †	26.000	0.00
12:45 PM †	27.000	0.00
1:00 PM †	25.000	0.00
1:15 PM †	22.000	0.00
1:30 PM †	20.000	0.00
1:45 PM †	17.000	0.00
2:00 PM †	18.000	0.00

NOTE

†. Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 327

DATE: 9/4/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Clear
AVE. TEMPERATURE 68.31°F
AVE. DEW POINT 61.85°F
MAX WIND SPEED 12 mph from SSW
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
 B – Photo Log
 C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during the earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Thursday, September 4, 2025	
	PERSONNEL
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Bancker Construction – John Phillips
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	



GZA DAILY FIELD REPORT 327

DATE: 9/4/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Thursday – 9/4/2025

Work Activities

1. Demarcation layer placed at the bottom of the trench excavation. The total trench excavation, running from the western portion of the building to the center of the adjacent street, River Avenue, is approximately 30 feet long, 8 feet deep and 3 feet wide. The portion of the trench inside the property line is approximately 12 feet long.
2. Three (3) loads of GPA from Tilcon were delivered to the northern portion of the Site. Bancker backfilled the trench excavation inside the property line with GPA.
3. Factor Group collected soil samples from the soil stockpile of excavated material from the trench excavation for waste characterization.

The trench location is shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 19.00 ug/m³

High Conditions – PID: 0.01 ppm, Particulates: 49.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

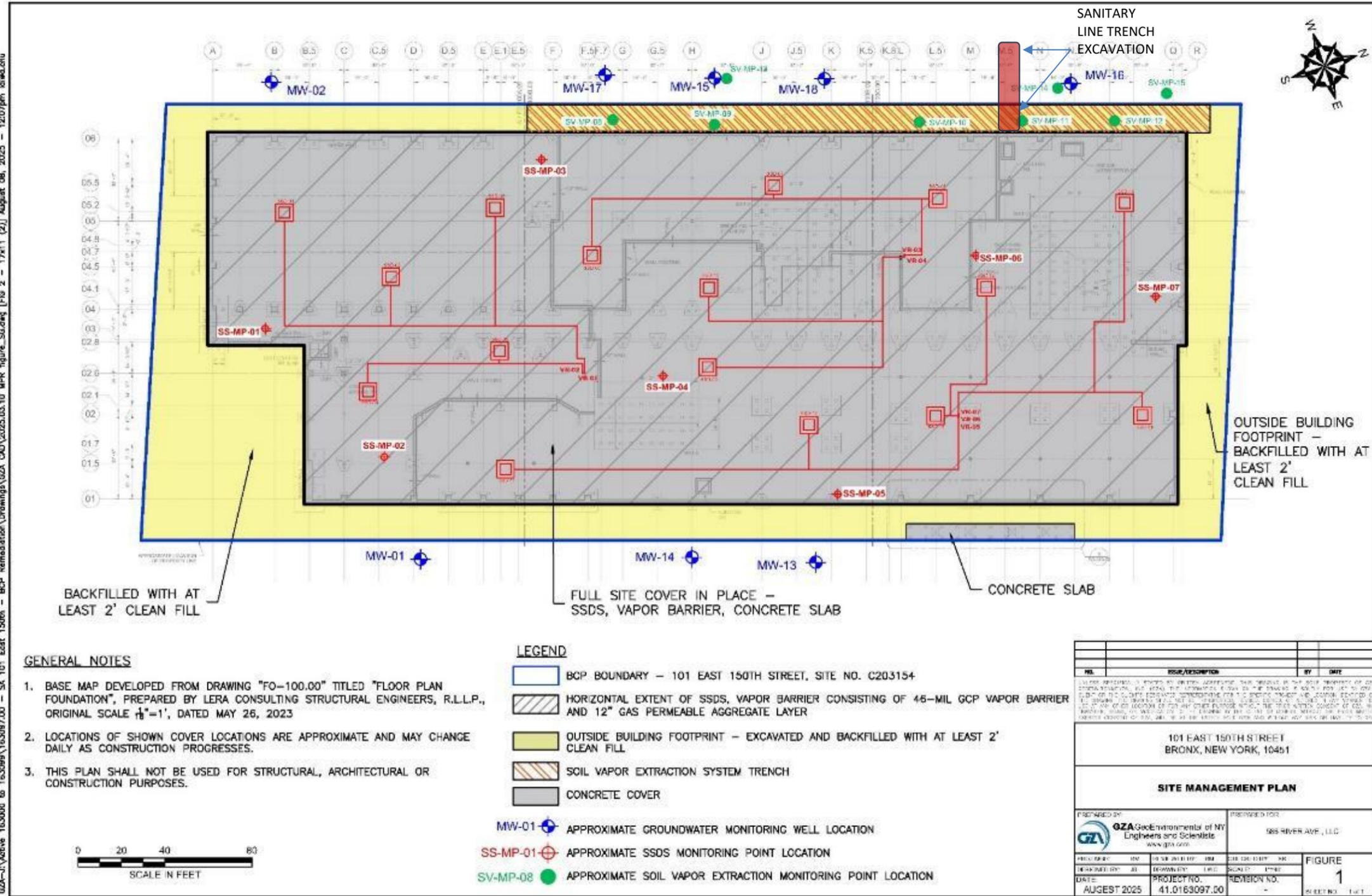
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 327

DATE: 9/4/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN





GZA DAILY FIELD REPORT 327

DATE: 9/4/2025

FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	East	2	Southeast
			
Description: Factor Group collecting soil sample from soil stockpile for waste characterization.		Description: GPA from Tilcon was delivered and stockpiled at northern portion of the Site.	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken:
3	N/A	4	South
			
Description: Bancker placing demarcation layer at base of trench prior to backfill.		Description: Bancker backfilling trench with GPA.	



GZA DAILY FIELD REPORT 327

DATE: 9/4/2025
 FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

Daily Instrument Calibration Log

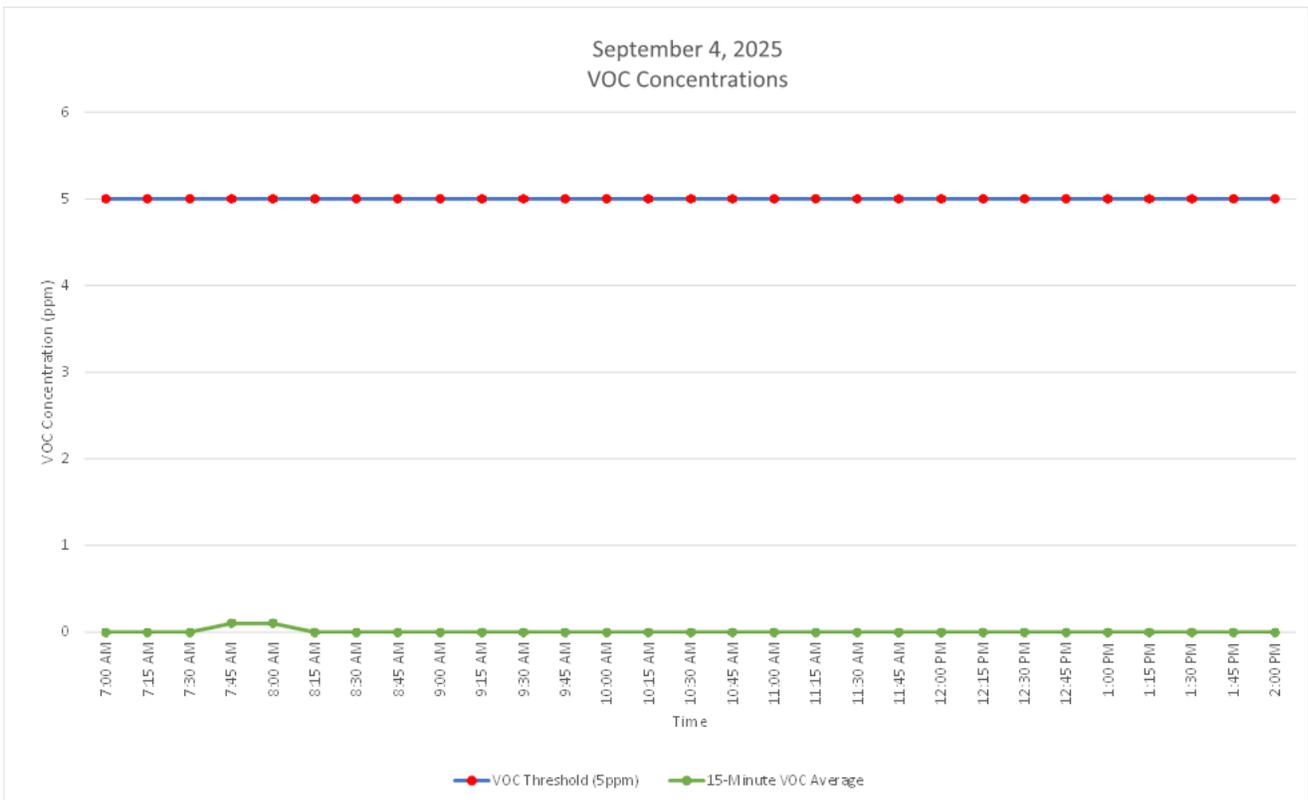
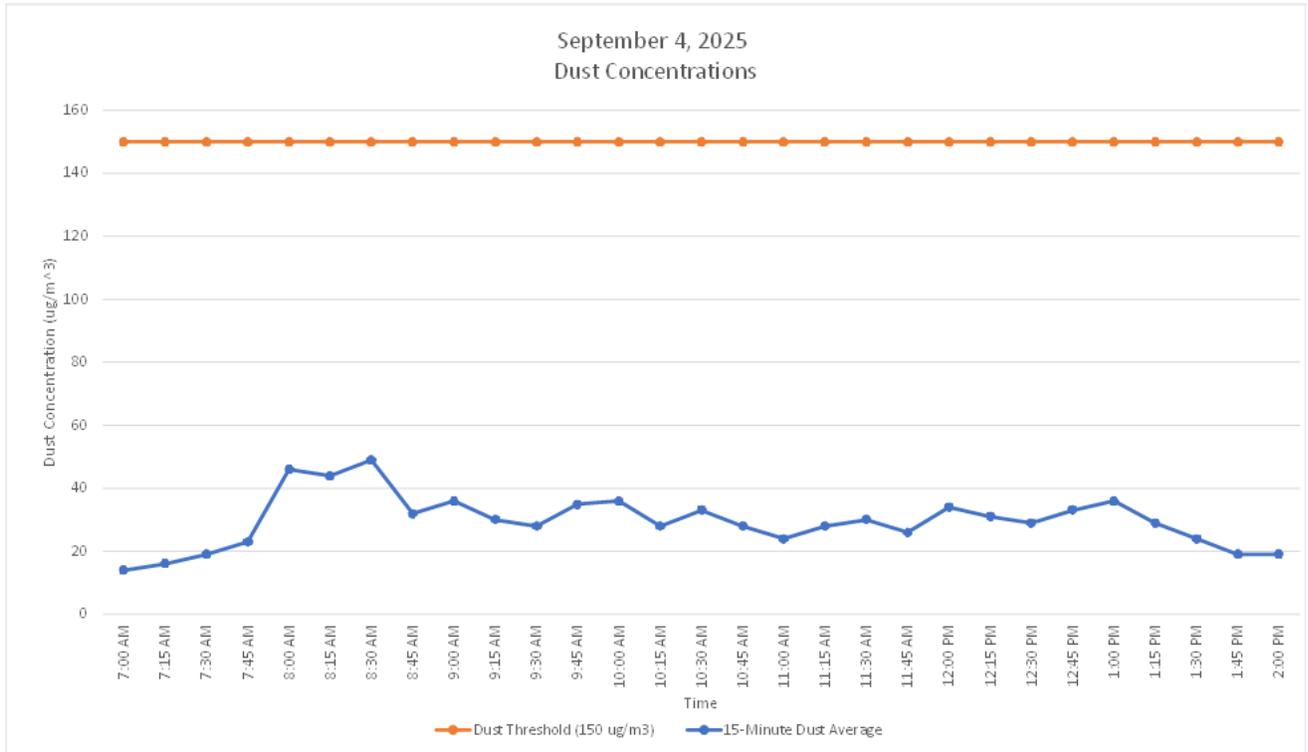
Date:	9/4/2025	Sampling Technician:	Matt DiLorenzo
Project #:	41.0163097.00	Project Name:	SA 101 E 150th St
Instruments Used:		Inspection Notes:	
Station 1			
Station 2			
Station 3			
Handheld	RAE Systems MiniRAE 3000+ PID TSI SidePak™ AM520	SN: 592-928274 SN: 5201911010	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes		Gas - 100 ppm 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes	
Data Rams: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes			
Post-Shift Download:			Results/Comments:
PIDs: Instrument: 1 <input checked="" type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 3 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary			
Data Rams: 1 <input checked="" type="checkbox"/> Data 2 <input type="checkbox"/> Data 3 <input type="checkbox"/> Data			
Weather Station: <input type="checkbox"/> No			
Background Readings:			
PID 1:	0.0	Data Ram 1:	14.0
PID 2:		Data Ram 2:	
PID 3:		Data Ram 3:	



GZA DAILY FIELD REPORT 327

DATE: 9/4/2025

FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 327

DATE: 9/4/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
September 4, 2025

Handheld C A M P		
Time	Dust - 15 min Average (ug/m ³)	VOC s - 15 min Average (ppm)
7:00 AM †	14.000	0.00
7:15 AM †	16.000	0.00
7:30 AM †	19.000	0.00
7:45 AM †	23.000	0.10
8:00 AM †	46.000	0.10
8:15 AM †	44.000	0.00
8:30 AM †	49.000	0.00
8:45 AM †	32.000	0.00
9:00 AM †	36.000	0.00
9:15 AM †	30.000	0.00
9:30 AM †	28.000	0.00
9:45 AM †	35.000	0.00
10:00 AM †	36.000	0.00
10:15 AM †	28.000	0.00
10:30 AM †	33.000	0.00
10:45 AM †	28.000	0.00
11:00 AM †	24.000	0.00
11:15 AM †	28.000	0.00
11:30 AM †	30.000	0.00
11:45 AM †	26.000	0.00
12:00 PM †	34.000	0.00
12:15 PM †	31.000	0.00
12:30 PM †	29.000	0.00
12:45 PM †	33.000	0.00
1:00 PM †	36.000	0.00
1:15 PM †	29.000	0.00
1:30 PM †	24.000	0.00
1:45 PM †	19.000	0.00
2:00 PM †	19.000	0.00

NOTE

†. Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 328

DATE: 9/5/2025
FILE NO: 41.0163097.00

ROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Partly Cloudy
AVE. TEMPERATURE 73.81°F
AVE. DEW POINT 62.18°F
MAX WIND SPEED 13 mph from S
PRECIPITATION 0.35 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Friday, September 5, 2025	
	PERSONNEL
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	Bancker Construction – John Phillips
	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	



GZA DAILY FIELD REPORT 328

DATE: 9/5/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Friday – 9/5/2025

Work Activities

1. Bancker used a Vacuum Truck to excavate GPA approximately 1 foot below ground surface (bgs) around pipework adjacent to the recent trench excavation. This material was then placed adjacent to the excavation area as it was above the demarcation layer.
2. AWS Plumbing began to reinstall SVE piping that was located in the excavated trench area.
3. DeMatteis used a Kubota SVL75-2 Track Skid Steer to stockpile NYSDEC approved GPA near the trench to be used as backfill.

The trench location is shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 11.00 ug/m³

High Conditions – PID: 0.01 ppm, Particulates: 26.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

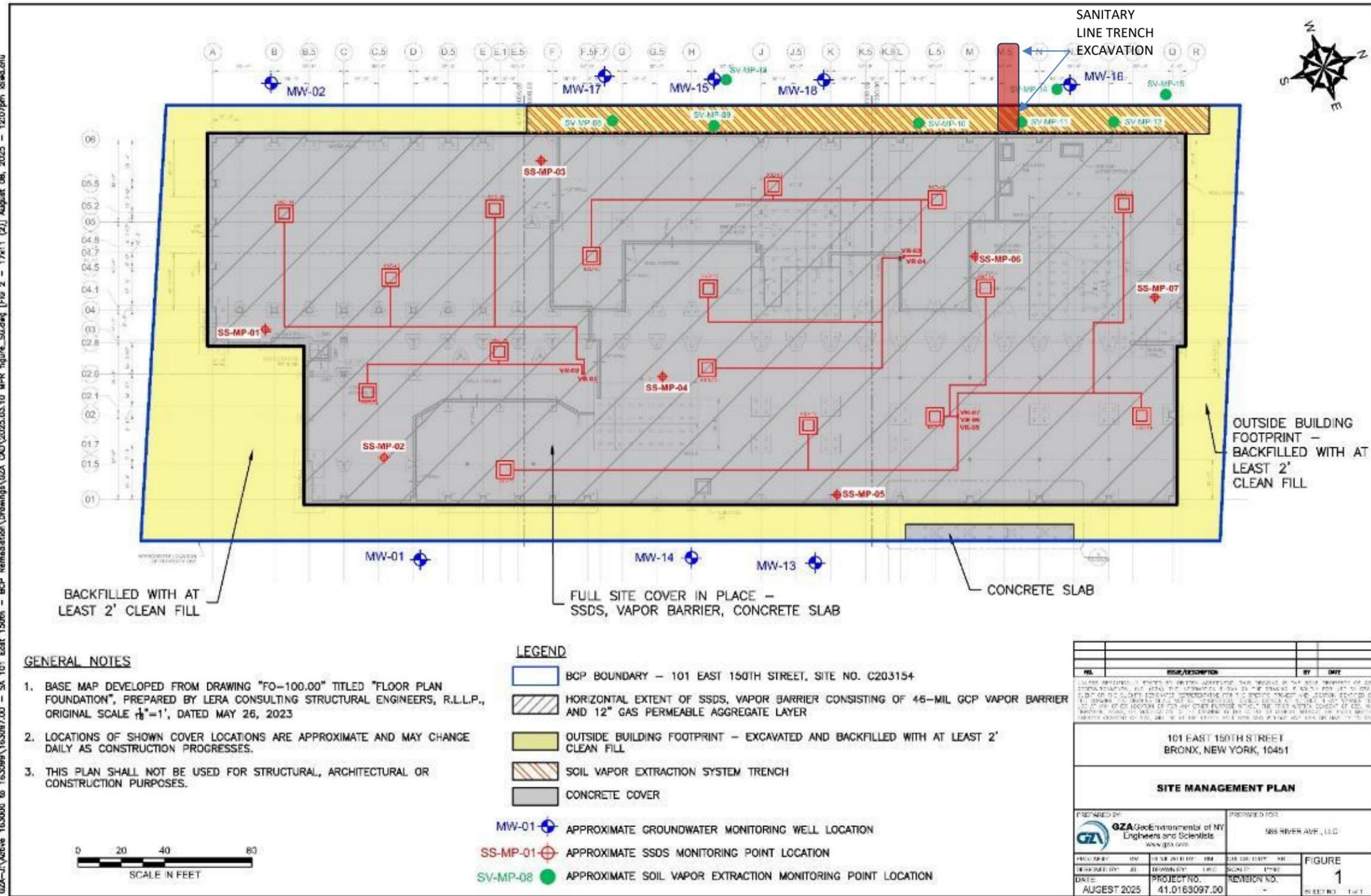
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 328

DATE: 9/5/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN



C:\Users\jloia\OneDrive\Documents\GZA\2025\03\10 MPR figure_S0.dwg [P18 2 - 17x11 (2)] August 08, 2025 - 12:07pm loiaia@ghu
 C:\Users\jloia\OneDrive\Documents\GZA\2025\03\10 MPR figure_S0.dwg [P18 2 - 17x11 (2)] August 08, 2025 - 12:07pm loiaia@ghu
 C:\Users\jloia\OneDrive\Documents\GZA\2025\03\10 MPR figure_S0.dwg [P18 2 - 17x11 (2)] August 08, 2025 - 12:07pm loiaia@ghu

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY - 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 45-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT - EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SOIL VAPOR EXTRACTION SYSTEM TRENCH
- CONCRETE COVER

- MW-01 APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- SS-MP-01 APPROXIMATE SSDS MONITORING POINT LOCATION
- SV-MP-08 APPROXIMATE SOIL VAPOR EXTRACTION MONITORING POINT LOCATION

REV.	REVISION/DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE MANAGEMENT PLAN			
PREPARED BY: GZA Geoenvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 985 RIVER AVE., LLC	
PROJECT NO.: 41.0163097.00 DRAWN BY: JLOIA DATE: AUGUST 2025	SHEET NO.: 1 OF 1 PROJECT NO.: 41.0163097.00 REVISION NO.: -	FIGURE 1 SHEET NO. 1 OF 1	



GZA DAILY FIELD REPORT 328

DATE: 9/5/2025

FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
1	South	2	Northeast
			
Description: Bancker using Vacuum Truck to excavate around pipe adjacent to trench.		Description: Bancker excavating with vacuum truck and AWS Plumbing installing SVE piping.	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken:
3	Southeast	4	South
			
Description: SVE installation progress at end of day.		Description: DeMatteis stockpiling GPA closer to trench area.	



GZA DAILY FIELD REPORT 328

DATE: 9/5/2025
 FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

Daily Instrument Calibration Log

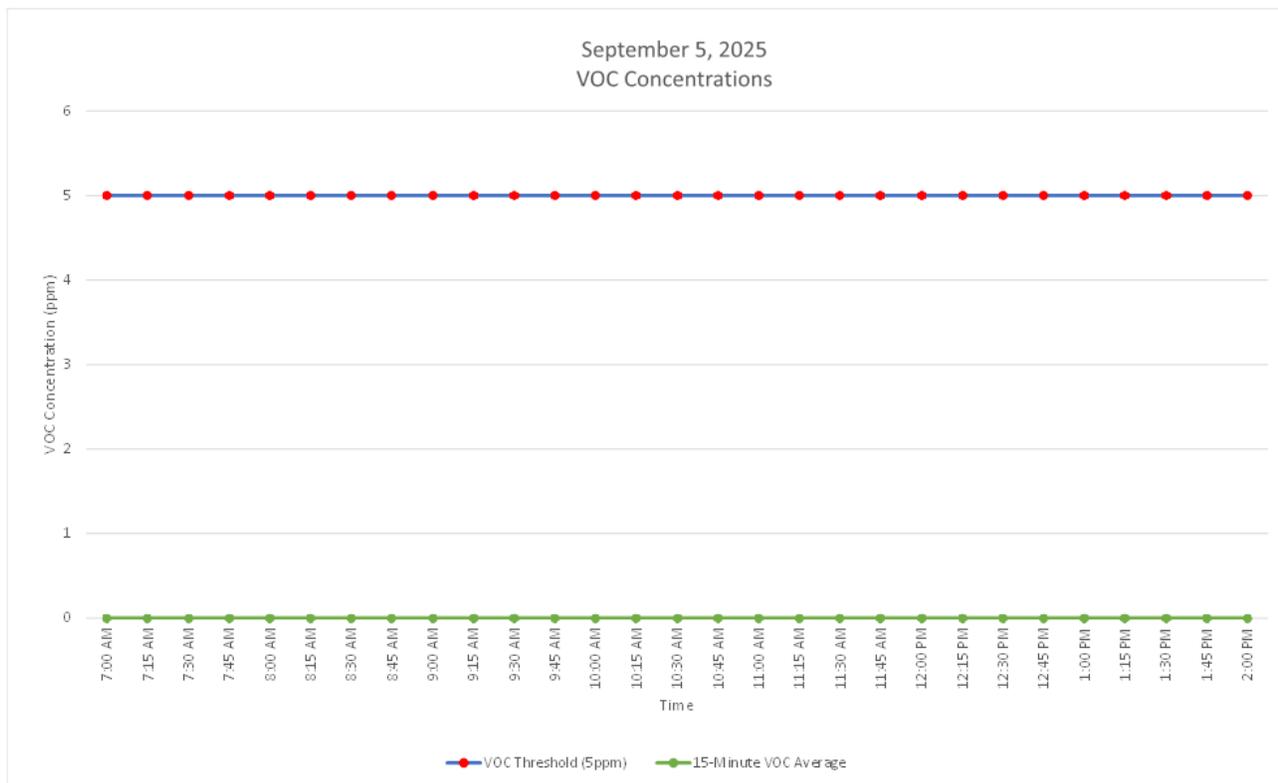
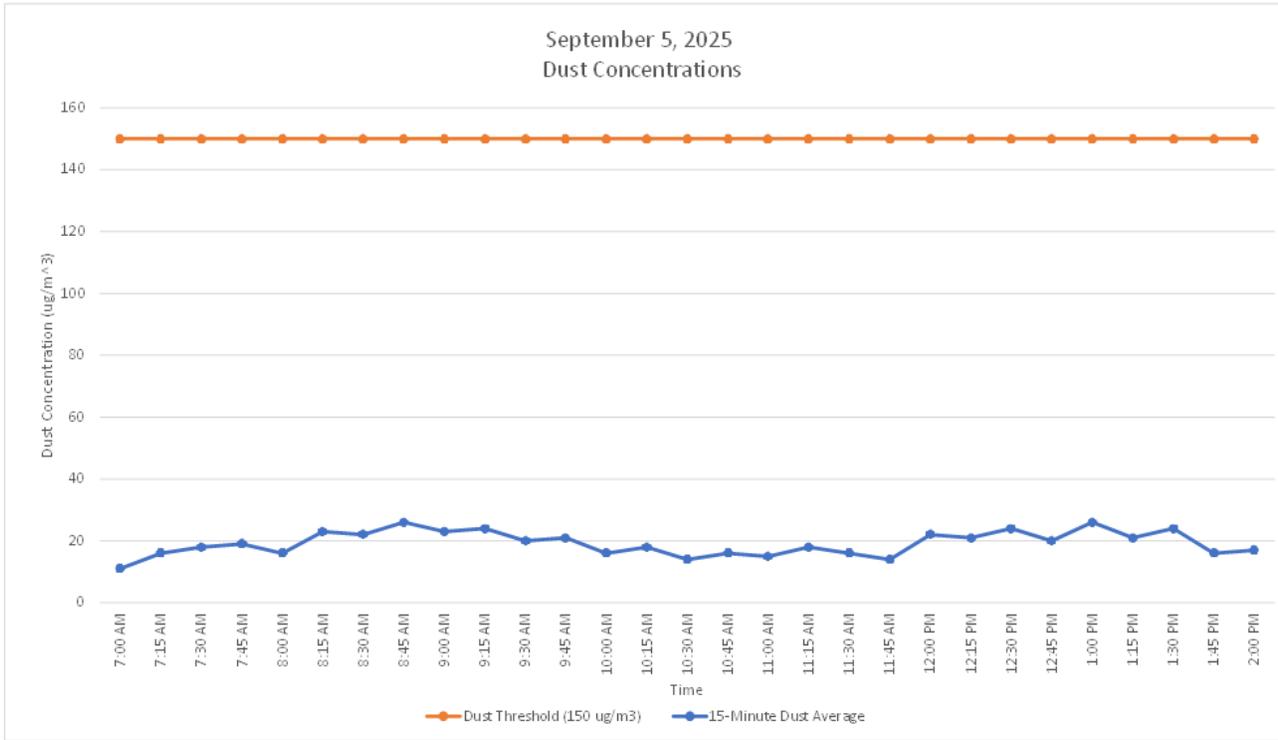
Date:	9/5/2025	Sampling Technician:	Matt DiLorenzo
Project #:	41.0163097.00	Project Name:	SA 101 E 150th St
Instruments Used:		Inspection Notes:	
Station 1			
Station 2			
Station 3			
Handheld	<u>RAE Systems MiniRAE 3000+ PID</u> <u>TSI SidePak™ AM520</u>	SN: 592-928274	SN: 5201911010
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes		Gas - 100 ppm 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes	
Data Rams: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes			
Post-Shift Download:		Results/Comments:	
PIDs: Instrument: 1 <input checked="" type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 3 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary			
Data Rams: 1 <input checked="" type="checkbox"/> Data 2 <input type="checkbox"/> Data 3 <input type="checkbox"/> Data			
Weather Station: <input type="checkbox"/> No			
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>11.0</u>
PID 2:		Data Ram 2:	
PID 3:		Data Ram 3:	



GZA DAILY FIELD REPORT 328

DATE: 9/5/2025

FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 328

DATE: 9/5/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
September 5, 2025

Handheld CAMP			
Time		Dust - 15 min Average (ug/m3)	VOCs - 15 min Average (ppm)
7:00 AM	†	11.000	0.00
7:15 AM	†	16.000	0.00
7:30 AM	†	18.000	0.00
7:45 AM	†	19.000	0.00
8:00 AM	†	16.000	0.00
8:15 AM	†	23.000	0.00
8:30 AM	†	22.000	0.00
8:45 AM	†	26.000	0.00
9:00 AM	†	23.000	0.00
9:15 AM	†	24.000	0.00
9:30 AM	†	20.000	0.00
9:45 AM	†	21.000	0.00
10:00 AM	†	16.000	0.00
10:15 AM	†	18.000	0.00
10:30 AM	†	14.000	0.00
10:45 AM	†	16.000	0.00
11:00 AM	†	15.000	0.00
11:15 AM	†	18.000	0.00
11:30 AM	†	16.000	0.00
11:45 AM	†	14.000	0.00
12:00 PM	†	22.000	0.00
12:15 PM	†	21.000	0.00
12:30 PM	†	24.000	0.00
12:45 PM	†	20.000	0.00
1:00 PM	†	26.000	0.00
1:15 PM	†	21.000	0.00
1:30 PM	†	24.000	0.00
1:45 PM	†	16.000	0.00
2:00 PM	†	17.000	0.00

NOTE

†. Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 329

DATE: 9/8/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Partly Cloudy
AVE. TEMPERATURE 66.17°F
AVE. DEW POINT 45.21°F
MAX WIND SPEED 10 mph from N
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log
C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Monday, September 8, 2025	
	PERSONNEL
QEP:	GZA
	Matt DiLorenzo
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	AWS Plumbing
	Lippolis Electrical
SITE VISITORS:	



GZA DAILY FIELD REPORT 329

DATE: 9/8/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Monday – 9/8/2025

Work Activities

1. AWS Plumbing continued to reinstall SVE piping at the previous trench excavation in the northwestern portion of the Site.

The trench location is shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 17.00 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 33.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

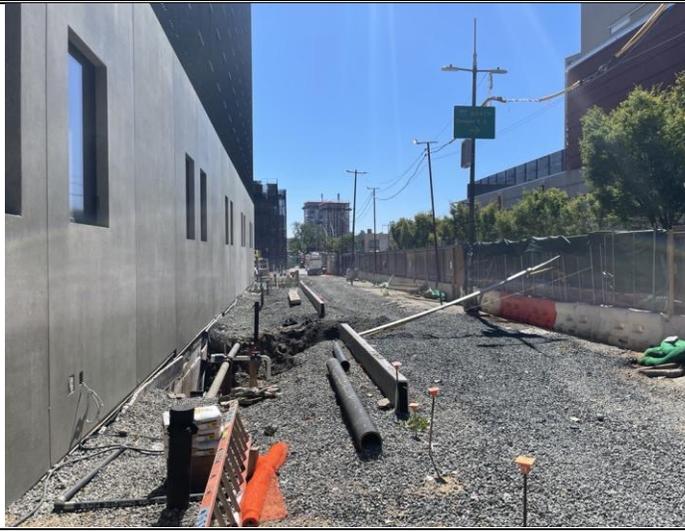


GZA DAILY FIELD REPORT 329

DATE: 9/8/2025

FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: South	Photo No. 2	Direction Photo Taken North
			
Description: AWS Plumbing connecting SVE piping near foundation wall.		Description: GPA stockpile in NW portion of the Site.	
Photo No. 3	Direction Photo Taken: Southeast	Photo No. 4	Direction Photo Taken: South
			
Description: AWS Plumbing continues SVE pipe install.		Description: Work area at end of day.	



GZA DAILY FIELD REPORT 329

DATE: 9/8/2025
 FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

Daily Instrument Calibration Log

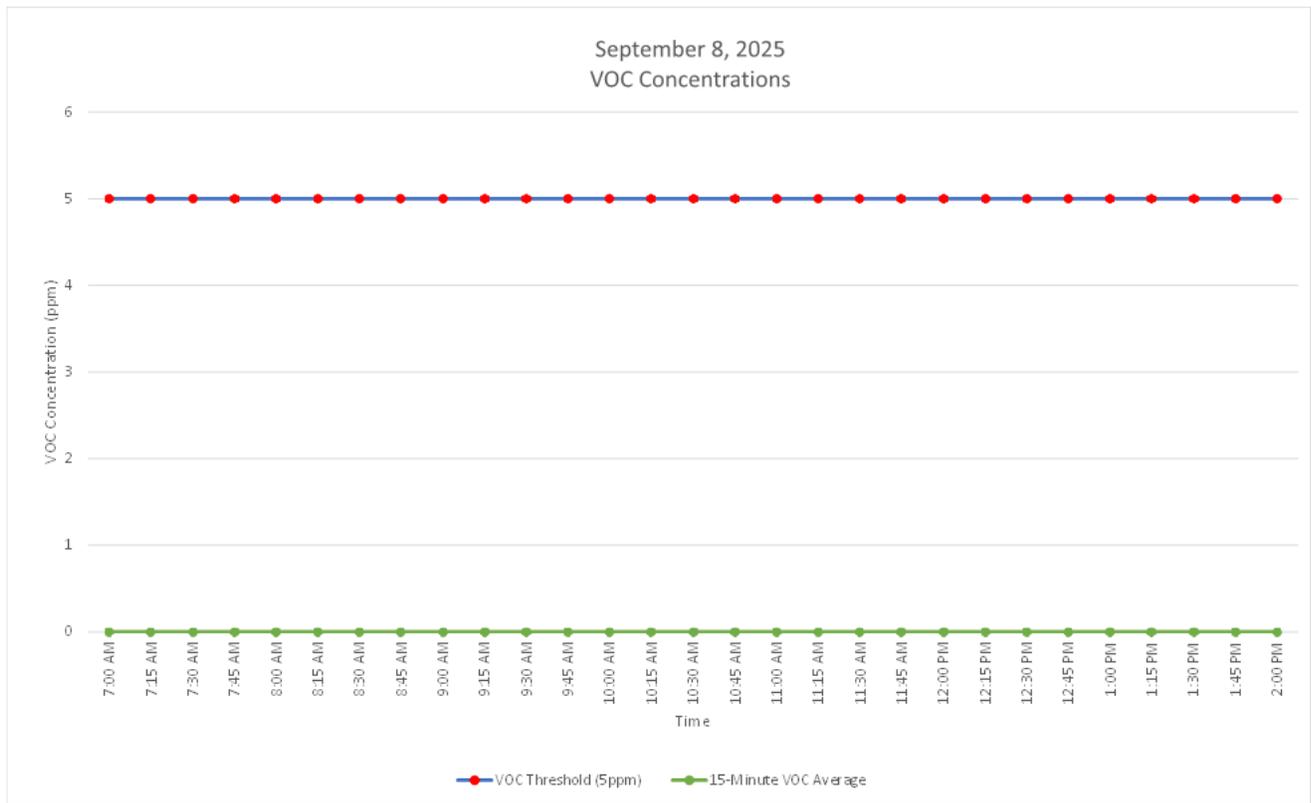
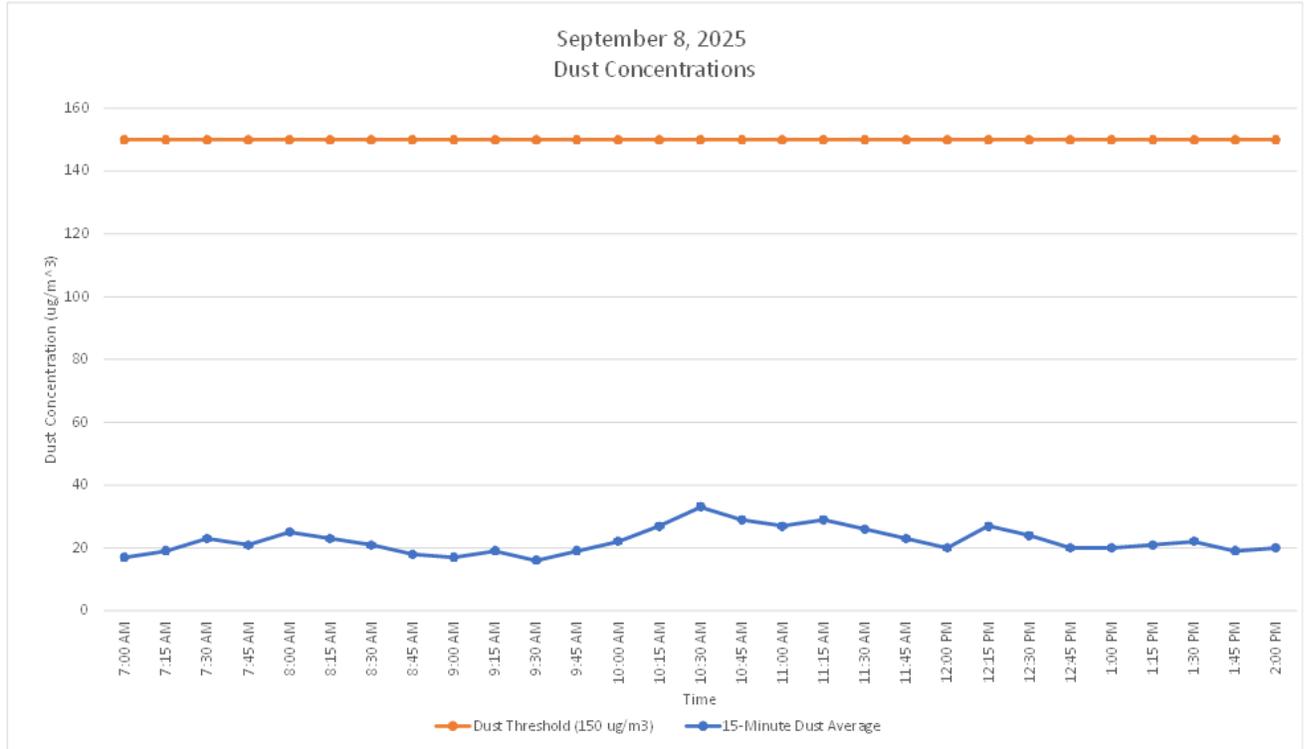
Date:	9/8/2025	Sampling Technician:	Matt DiLorenzo
Project #:	41.0163097.00	Project Name:	SA 101 E 150th St
Instruments Used:		Inspection Notes:	
Station 1			
Station 2			
Station 3			
Handheld	<u>RAE Systems MiniRAE 3000+ PID</u> <u>TSI SidePak™ AM520</u>	SN: <u>592-928274</u> SN: <u>5201911010</u>	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes		Gas - 100 ppm 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes	
Data Rams: Zero 1 <input type="checkbox"/> No 2 <input type="checkbox"/> No 3 <input type="checkbox"/> No Handheld <input checked="" type="checkbox"/> Yes			
Post-Shift Download:		Results/Comments:	
PIDs: Instrument: 1 <input checked="" type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary 3 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary			
Data Rams: 1 <input checked="" type="checkbox"/> Data 2 <input type="checkbox"/> Data 3 <input type="checkbox"/> Data			
Weather Station: <input type="checkbox"/> No			
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>17.0</u>
PID 2:		Data Ram 2:	
PID 3:		Data Ram 3:	



GZA DAILY FIELD REPORT 329

DATE: 9/8/2025

FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 329

DATE: 9/8/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
September 8, 2025

Handheld C AMP		
Time	Dust - 15 min Average (ug/m ³)	VOCs - 15 min Average (ppm)
7:00 AM †	17.000	0.00
7:15 AM †	19.000	0.00
7:30 AM †	23.000	0.00
7:45 AM †	21.000	0.00
8:00 AM †	25.000	0.00
8:15 AM †	23.000	0.00
8:30 AM †	21.000	0.00
8:45 AM †	18.000	0.00
9:00 AM †	17.000	0.00
9:15 AM †	19.000	0.00
9:30 AM †	16.000	0.00
9:45 AM †	19.000	0.00
10:00 AM †	22.000	0.00
10:15 AM †	27.000	0.00
10:30 AM †	33.000	0.00
10:45 AM †	29.000	0.00
11:00 AM †	27.000	0.00
11:15 AM †	29.000	0.00
11:30 AM †	26.000	0.00
11:45 AM †	23.000	0.00
12:00 PM †	20.000	0.00
12:15 PM †	27.000	0.00
12:30 PM †	24.000	0.00
12:45 PM †	20.000	0.00
1:00 PM †	20.000	0.00
1:15 PM †	21.000	0.00
1:30 PM †	22.000	0.00
1:45 PM †	19.000	0.00
2:00 PM †	20.000	0.00

NOTE

†. Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 330

DATE: 9/9/2025
FILE NO: 41.0163097.00

PROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Lai Wa Chu (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Partly Cloudy
AVE. TEMPERATURE 66°F
AVE. DEW POINT 50.4°F
MAX WIND SPEED 10 mph from N
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
 B – Photo Log
 C – Air Monitoring Logs

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Monday, September 9, 2025	
	PERSONNEL
QEP:	GZA
	Lai Wa Chu
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	AWS Plumbing
	Lippolis Electrical
	Stasi Brothers
SITE VISITORS:	



GZA DAILY FIELD REPORT 330

DATE: 9/9/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 9/9/2025

Work Activities

1. AWS Plumbing continued to reinstall SVE piping at the previous trench excavation in the northwestern portion of the Site.
2. Stasi Brothers began hardscaping at the western portion of the Site.

The trench location is shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld TSI SidePak™ AM 520 Dust Monitor
- Komatsu PC PC138US Excavator
- Kubota SVL75-2 Track Skid Steer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 11.00 ug/m³

High Conditions – PID: 0.00 ppm, Particulates: 59.00 ug/m³

µg/mg³ = micrograms per cubic meter
ppm – parts per million

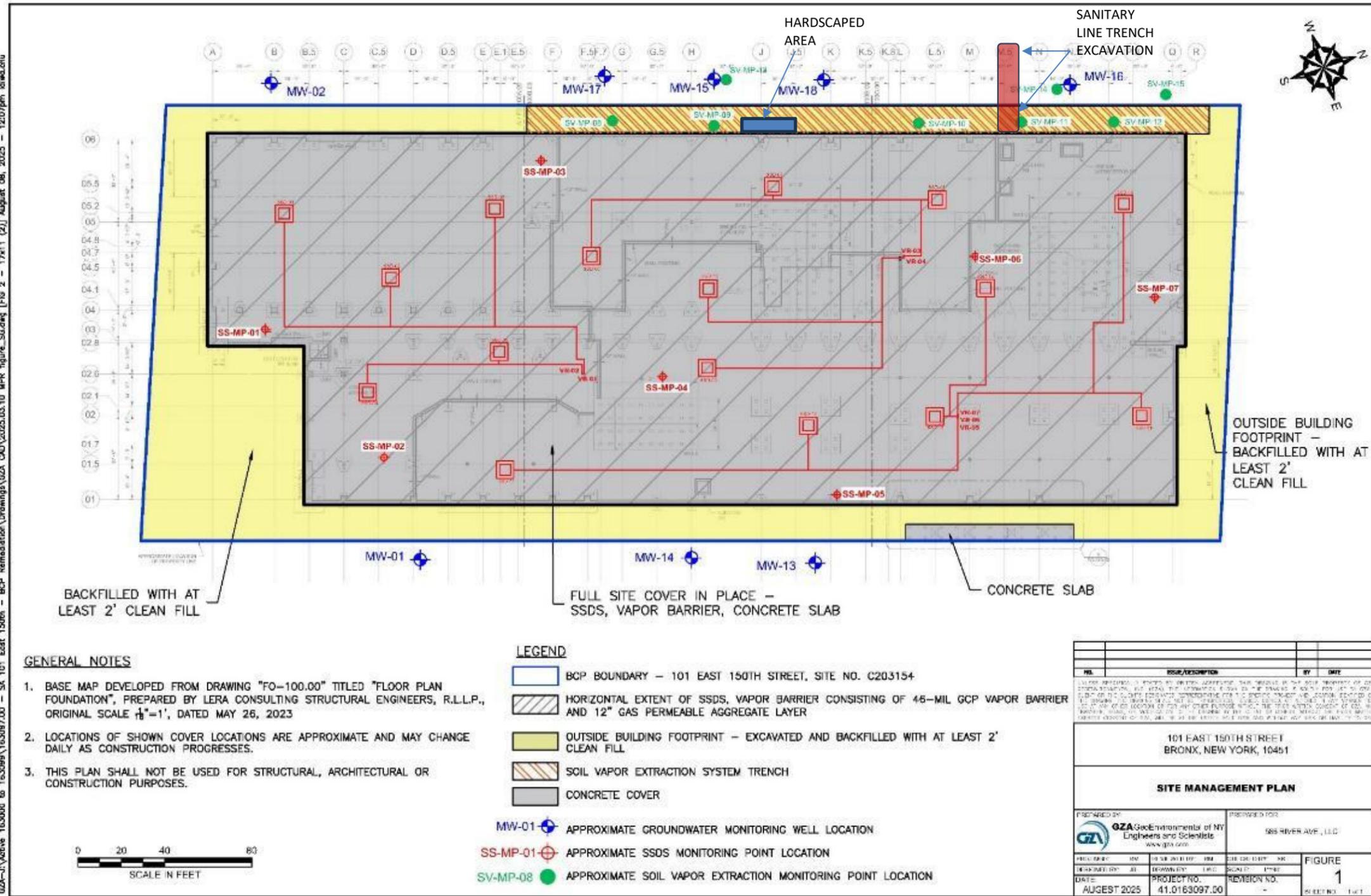
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD REPORT 330

DATE: 9/9/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN





GZA DAILY FIELD REPORT 330

DATE: 9/9/2025

FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: Northwest	Photo No. 2	Direction Photo Taken Northwest
			
Description: Stasi Brothers installing wall and hardscaping .		Description: Handheld CAMP equipment setup.	
Photo No. 3	Direction Photo Taken: Southwest	Photo No. 4	Direction Photo Taken: Southwest
			
Description: AWS Plumbing continues SVE pipe install.		Description: Work area at end of day.	



GZA DAILY FIELD REPORT 330

DATE: 9/9/2025
 FILE NO: 41.0163097.00

ATTACHMENT C – AIR MONITORING LOGS

Daily Instrument Calibration Log

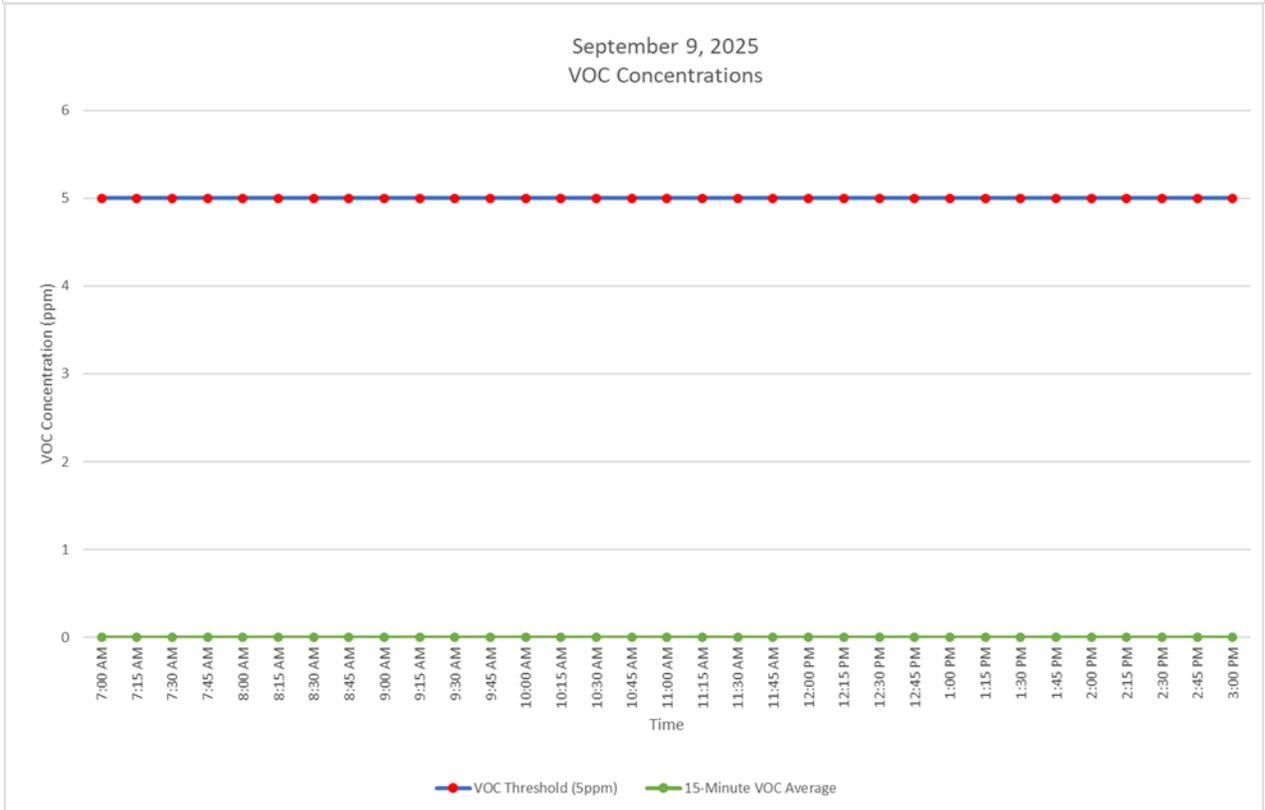
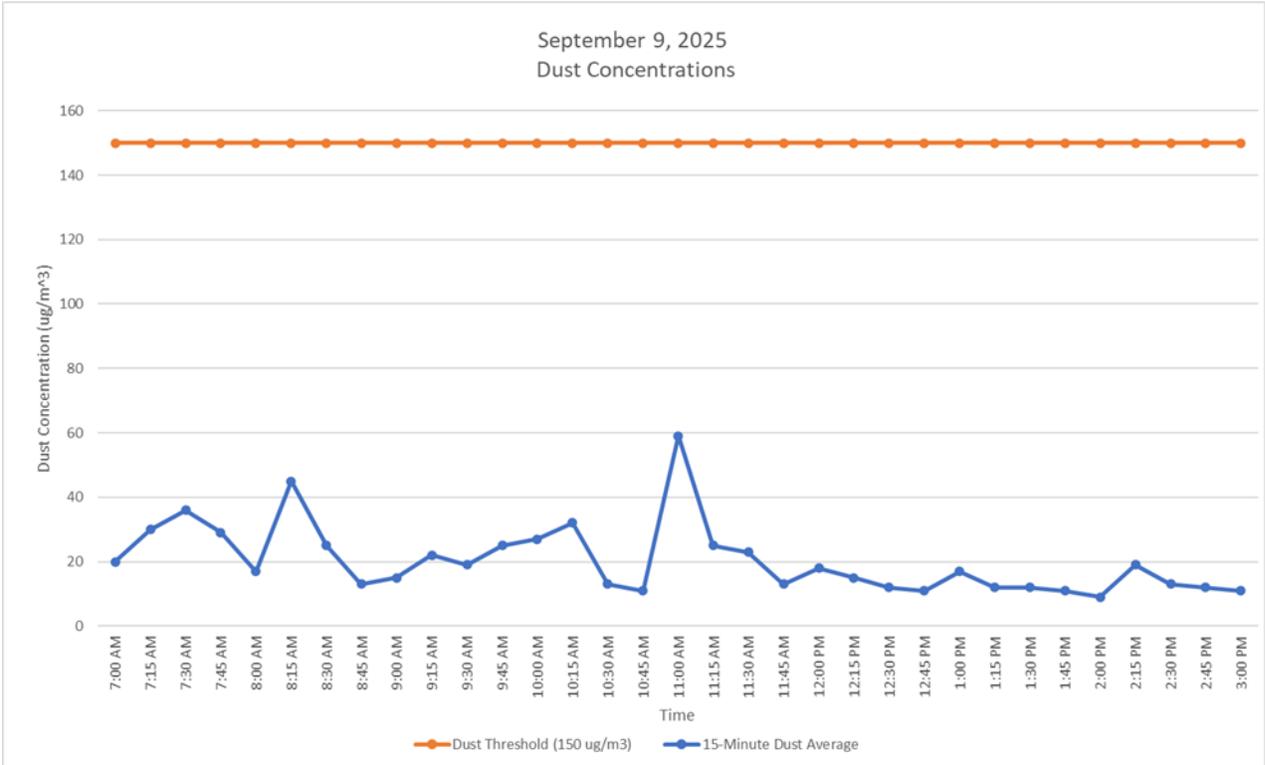
Date:	9/9/2025	Sampling Technician:	Lai Wa Chu
Project #:	41.0163097.00	Project Name:	SA 101 E 150th St
Instruments Used:		Inspection Notes:	
Station 1			
Station 2			
Station 3			
Handheld	<u>RAE Systems MiniRAE 3000+ PID</u> <u>TSI SidePak™ AM520</u>	SN: <u>592-928274</u>	SN: <u>5201911010</u>
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> No	1	<input type="checkbox"/> No
2	<input type="checkbox"/> No	2	<input type="checkbox"/> No
3	<input type="checkbox"/> No	3	<input type="checkbox"/> No
Handheld	<input checked="" type="checkbox"/> Yes	Handheld	<input checked="" type="checkbox"/> Yes
Data Rams: Zero			
1	<input type="checkbox"/> No		
2	<input type="checkbox"/> No		
3	<input type="checkbox"/> No		
Handheld	<input checked="" type="checkbox"/> Yes		
Post-Shift Download:		Results/Comments:	
PIDs:	Instrument:		
1	<input checked="" type="checkbox"/> Data	<input type="checkbox"/> Avg	<input type="checkbox"/> Summary
2	<input type="checkbox"/> Data	<input type="checkbox"/> Avg	<input type="checkbox"/> Summary
3	<input type="checkbox"/> Data	<input type="checkbox"/> Avg	<input type="checkbox"/> Summary
Data Rams:			
1	<input checked="" type="checkbox"/> Data		
2	<input type="checkbox"/> Data		
3	<input type="checkbox"/> Data		
Weather Station:		<input type="checkbox"/> No	
Background Readings:			
PID 1:	<u>0.0</u>	Data Ram 1:	<u>11.0</u>
PID 2:		Data Ram 2:	
PID 3:		Data Ram 3:	



GZA DAILY FIELD REPORT 330

DATE: 9/9/2025

FILE NO: 41.0163097.00





GZA DAILY FIELD REPORT 330

DATE: 9/9/2025
FILE NO: 41.0163097.00

SA 101 E 150th St
Air Monitoring Log
September 9, 2025

Handheld CAMP		
Time	Dust - 15 min Average (ug/m3)	VOCs - 15 min Average (ppm)
7:00 AM †	20.0	0.00
7:15 AM †	30.0	0.00
7:30 AM †	36.0	0.00
7:45 AM †	29.0	0.00
8:00 AM †	17.0	0.00
8:15 AM †	45.0	0.00
8:30 AM †	25.0	0.00
8:45 AM †	13.0	0.00
9:00 AM †	15.0	0.00
9:15 AM †	22.0	0.00
9:30 AM †	19.0	0.00
9:45 AM †	25.0	0.00
10:00 AM †	27.0	0.00
10:15 AM †	32.0	0.00
10:30 AM †	13.0	0.00
10:45 AM †	11.0	0.00
11:00 AM †	59.0	0.00
11:15 AM †	25.0	0.00
11:30 AM †	23.0	0.00
11:45 AM †	13.0	0.00
12:00 PM †	18.0	0.00
12:15 PM †	15.0	0.00
12:30 PM †	12.0	0.00
12:45 PM †	11.0	0.00
1:00 PM †	17.0	0.00
1:15 PM †	12.0	0.00
1:30 PM †	12.0	0.00
1:45 PM †	11.0	0.00
2:00 PM †	9.0	0.00
2:15 PM †	19.0	0.00
2:30 PM †	13.0	0.00
2:45 PM †	12.0	0.00
3:00 PM †	11.0	0.00

NOTE

†. Not a 15-minute time weighted average.



GZA DAILY FIELD REPORT 331

DATE: 9/16/2025
FILE NO: 41.0163097.00

ROJECT: 101 East 150th Street
CLIENT: 586 River Ave., LLC
PREPARED BY: Matt DiLorenzo (GZA)
REVIEWED BY: Reinbill Maniquez (GZA)

LOCATION: Bronx, New York
WEATHER: Partly Cloudy
AVE. TEMPERATURE 66.92°F
AVE. DEW POINT 57.67°F
MAX WIND SPEED 16 mph from NE
PRECIPITATION 0.00 inches

ATTACHMENTS: A – Site Plan
B – Photo Log

SUMMARY

The following report summarizes the daily activities performed under the Remedial Action Work Plan (RAWP) at 101 East 150th Street (a.k.a. 586 River Avenue) located at the NYC Tax Block 2354, Lot 1 (the Site). The Site has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (BCP), BCP Site No. C203154. The RAWP was established with the NYSDEC to protect public health and the environment during construction and address the potential for exposure to contamination during earthwork. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

Tuesday, September 16, 2025	
PERSONNEL	
QEP:	GZA
	Stephen Kline, P. E.
CONTRACTORS:	J&A Concrete
	Tony Pedras
	DeMatteis Organization
	Matt Graziano
SUBCONTRACTORS:	AWS Plumbing
	Lippolis Electrical
	Stasi Brothers
SITE VISITORS:	



GZA DAILY FIELD REPORT 331

DATE: 9/16/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 9/16/2025

Work Activities

1. AWS Plumbing completed the installation of Magnehelic Gauges and labeling on vertical risers, sampling ports and labeling on SSDS monitoring points, connection of SF-1 through SF-3, installed vapor phase carbon drums on the SVE system and installed roof exhaust stacks.
2. GZA confirmed the exhaust stack distance was greater than 10ft from the closest fresh air intake, operable door or window.

SSDS and SVE components are shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- None

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

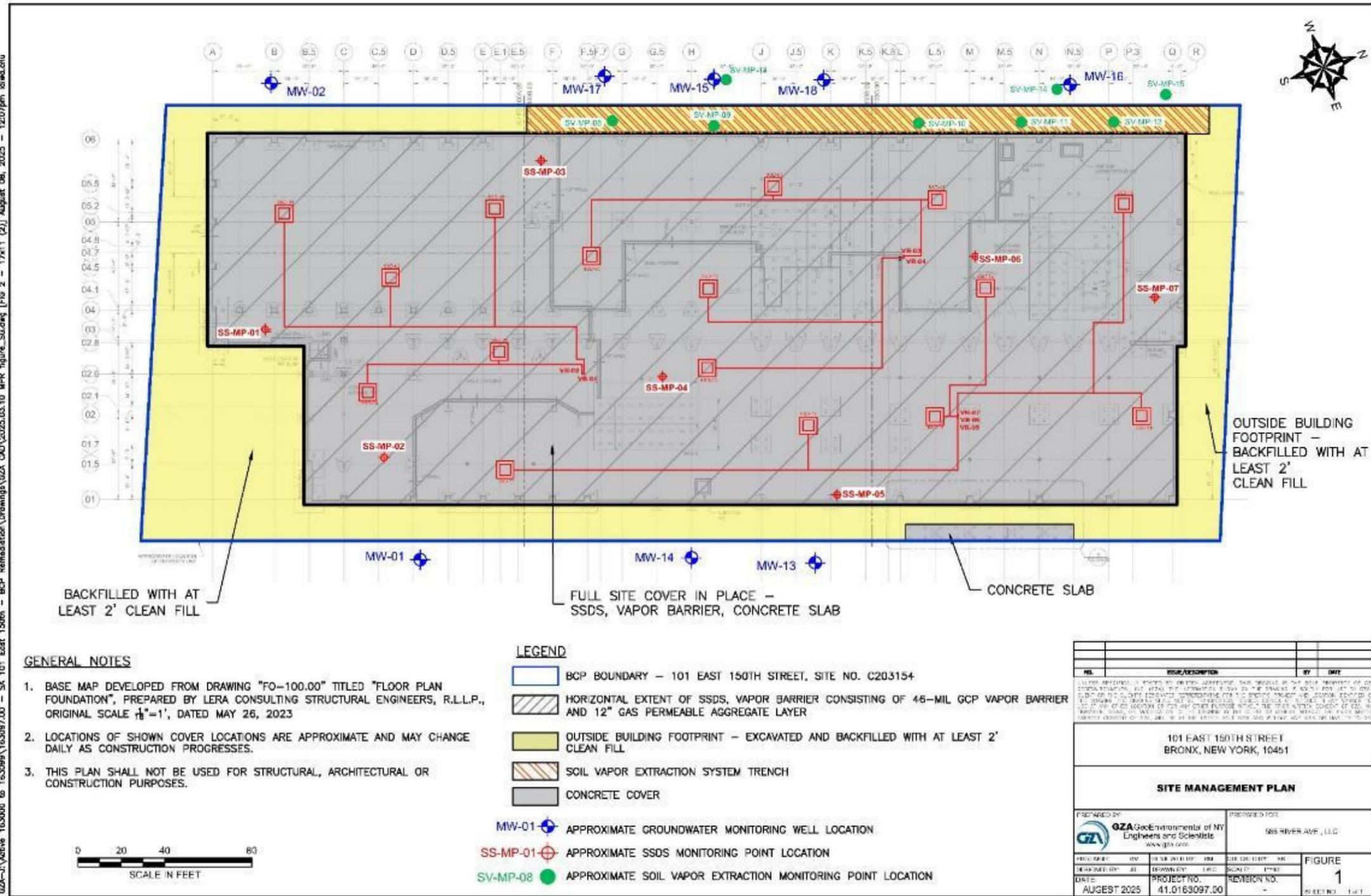
- No air monitoring was performed today.



GZA DAILY FIELD REPORT 331

DATE: 9/16/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN



BACKFILLED WITH AT LEAST 2' CLEAN FILL

FULL SITE COVER IN PLACE – SSDS, VAPOR BARRIER, CONCRETE SLAB

CONCRETE SLAB

OUTSIDE BUILDING FOOTPRINT – BACKFILLED WITH AT LEAST 2' CLEAN FILL

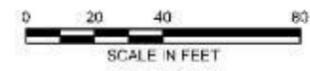
GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
3. THIS PLAN SHALL NOT BE USED FOR STRUCTURAL, ARCHITECTURAL OR CONSTRUCTION PURPOSES.

LEGEND

- BCP BOUNDARY – 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 45-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT – EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SOIL VAPOR EXTRACTION SYSTEM TRENCH
- CONCRETE COVER

- MW-01 APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
- SS-MP-01 APPROXIMATE SSDS MONITORING POINT LOCATION
- SV-MP-08 APPROXIMATE SOIL VAPOR EXTRACTION MONITORING POINT LOCATION



REV.	DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE MANAGEMENT PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 985 RIVER AVE., LLC	
PROJECT NO. 41.0163097.00	DRAWN BY: DATE: AUGUST 2025	CHECKED BY: SCALE: REVISION NO.	FIGURE 1 SHEET NO. 1 of 1

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GZA DAILY FIELD REPORT 331

DATE: 9/16/2025

FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken:
1	N/A	2	N/A
			
Description: SSDS VR-1 and VR-2.		Description: SSDS VR-3 and VR-4.	
3	N/A	4	MP-1
			
Description: SSDS VR-5, VR-6 and VR-7.		Description: Monitoring Point MP-1, typical installation.	



GZA DAILY FIELD REPORT 331

DATE: 9/16/2025
FILE NO: 41.0163097.00

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
5	MP-5	6	Ceiling
			
Description: Monitoring Point MP-5, typical installation.		Description: SVE system connection within the building.	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken:
7	SF-1	8	North
			
Description: SF-1 internal components. Vapor phase carbon drum present behind SF-1.		Description: SVE exhaust stack installation ongoing.	



GZA DAILY FIELD REPORT 332

DATE: 9/23/2025
FILE NO: 41.0163097.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 9/23/2025

Work Activities

1. AWS Plumbing completed installation of SSDS and SVE system equipment in the rooftop equipment room and began operation of the two SSDS fans (SF-1 and SF-2) and SVE system fan (SF-3).
2. Manually observed exhaust stacks and confirmed outlet flow for each of the three system fans on the roof of the fan room.
3. GZA observed the final equipment setup, collected vacuum readings from the magnehelic gauges at the roof fan room and cellar levels, and collected vacuum readings from each SSDS and SVE monitoring point.
 - All equipment was verified as installed and labeled for the SSDS.
 - The SSDS fans were initially set to approximately 5 inches of water column (in W.C.) vacuum and reduced to approximately 2.5 in W.C. vacuum during collection of vacuum readings.
 - The vacuum readings at the vertical risers in the cellar ranged from 2.20 in W.C. vacuum to 2.40 in W.C. vacuum.
 - The vacuum readings at the SSDS monitoring points ranged from 1.9 in W.C. vacuum to 2.3 in W.C. vacuum.
 - The SVE fan was set to approximately 5 in W.C. vacuum. However, due to exposed gravel up to grade in the SVE area, there was minimal vacuum readings from the SVE monitoring points. The vacuum readings of the SVE monitoring points ranged from 0.002 in W.C. vacuum to 0.006 in W.C. vacuum.
 - A uniform sub-slab depressurization was observed at all monitoring points and vertical risers demonstrating good connectivity of the gas permeable aggregate and adequate fan sizing.

SSDS and SVE system components are shown in **Attachment A – Site Plan**. Photos of the Site activities are provided in **Attachment B**.

EQUIPMENT AND MATERIALS USED ON SITE

- Infiltec Digital Micro-Manometer

SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS

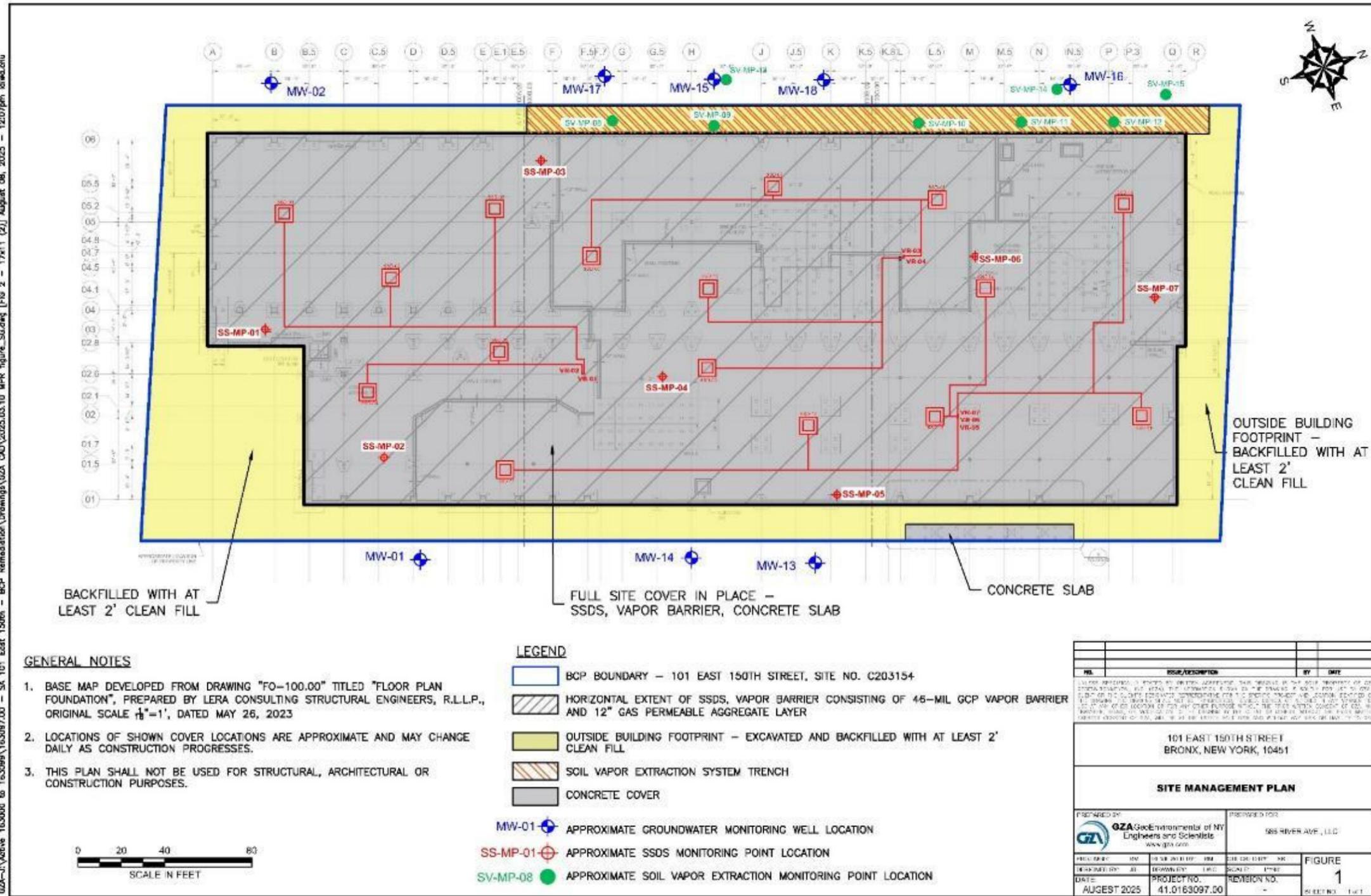
- No air monitoring was performed today.



GZA DAILY FIELD REPORT 332

DATE: 9/23/2025
 FILE NO: 41.0163097.00

ATTACHMENT A – SITE PLAN



BACKFILLED WITH AT LEAST 2' CLEAN FILL

FULL SITE COVER IN PLACE – SSDS, VAPOR BARRIER, CONCRETE SLAB

CONCRETE SLAB

OUTSIDE BUILDING FOOTPRINT – BACKFILLED WITH AT LEAST 2' CLEAN FILL

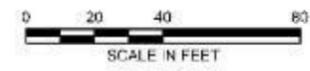
GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING "FO-100.00" TITLED "FLOOR PLAN FOUNDATION", PREPARED BY LERA CONSULTING STRUCTURAL ENGINEERS, R.L.L.P., ORIGINAL SCALE 1/8"=1', DATED MAY 26, 2023
2. LOCATIONS OF SHOWN COVER LOCATIONS ARE APPROXIMATE AND MAY CHANGE DAILY AS CONSTRUCTION PROGRESSES.
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LEGEND

- BCP BOUNDARY – 101 EAST 150TH STREET, SITE NO. C203154
- HORIZONTAL EXTENT OF SSDS, VAPOR BARRIER CONSISTING OF 45-MIL GCP VAPOR BARRIER AND 12" GAS PERMEABLE AGGREGATE LAYER
- OUTSIDE BUILDING FOOTPRINT – EXCAVATED AND BACKFILLED WITH AT LEAST 2' CLEAN FILL
- SOIL VAPOR EXTRACTION SYSTEM TRENCH
- CONCRETE COVER

- MW-01 APPROXIMATE GROUNDWATER MONITORING WELL LOCATION
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REV.	DESCRIPTION	BY	DATE
101 EAST 150TH STREET BRONX, NEW YORK, 10451			
SITE MANAGEMENT PLAN			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 985 RIVER AVE., LLC	
PROJECT NO. 41.0163097.00	DRAWN BY DATE AUGUST 2025	CHECKED BY DATE AUGUST 2025	FIGURE 1 SHEET NO. 1 of 1

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GZA DAILY FIELD REPORT 332

DATE: 9/23/2025
FILE NO: 41.0163097.00

ATTACHMENT B – PHOTO LOG

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken:
1	Roof Level Fan room	2	Roof Level Fan room
			
Description: SSDS fan, SF-1.		Description: SVE treatment setup, with SVE fan enclosure, carbon drums, vacuum gauges, and samples taps	
3	Roof Level Fan room	4	1 st Floor Elevator Foyer
			
Description: General view of the SSDS/SVE equipment room.		Description: Vertical risers manifolded behind the first floor access door.	



GZA DAILY FIELD REPORT 332

DATE: 9/23/2025
FILE NO: 41.0163097.00

Photo No. 5	Direction Photo Taken: Cellar Level	Photo No. 6	Direction Photo Taken Cellar Level
			
Description: SSDS vapor monitoring point, MP-4.		Description: Vacuum gauge on VR-3 at the cellar grade.	
Photo No. 7	Direction Photo Taken: Cellar Level	Photo No. 8	Direction Photo Taken: North
			
Description: GZA collecting vacuum readings at the SSDS monitoring points with a digital micromanometer.		Description: SVE monitoring point. As shown, gravel is currently set to grade level along the SVE treatment area.	