



APPENDIX J – DAILY FIELD REPORTS



GZA DAILY FIELD SUMMARY 001

DATE: 8/5/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Sunny
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	82.05°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	66.50°F
		MAX WIND SPEED	14 mph from SSE
		PRECIPITATION	0.17 inches
ATTACHMENTS:	A – Site Plan		
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C22408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Monday, August 5, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro	
SITE VISITORS:	Jennifer Gonzalez, NYSDEC PM	



GZA DAILY FIELD SUMMARY 001

DATE: 8/5/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Monday – 8/5/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. advanced 6 soil vapor points to 4 feet below ground surface: SV-19, SV-20, SV-21, SV-22, and SV-23
2. Coastal Environmental Solutions, Inc. advanced 4 soil borings to a maximum depth of 25 feet below ground surface: SB-29, SB-33, SB-34, and SB-35
3. GZA observed soil boring and soil vapor point drilling, logged soil borings, and collected soil samples for analysis. Soil boring and soil vapor locations are shown on **Attachment A**.

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 (1468–Upwind, 1454– Downwind) with remote telemetry system
- Geoprobe 7822DT

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-29 (1-3'), SB-29 (5-7')
- SB-33 (1-3'), SB-33 (5-7')
- SB-34 (1-3'), SB-34 (5-7')
- SB-35 (1-3'), SB-35 (7-9')

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-29 (20') – VOC only
- SB-33 (19') – VOC only
- SB-34 (21') – VOC only
- SB-35 (17') – VOC only, SB-35 (24')- VOC only

AIR MONITORING RESULTS:

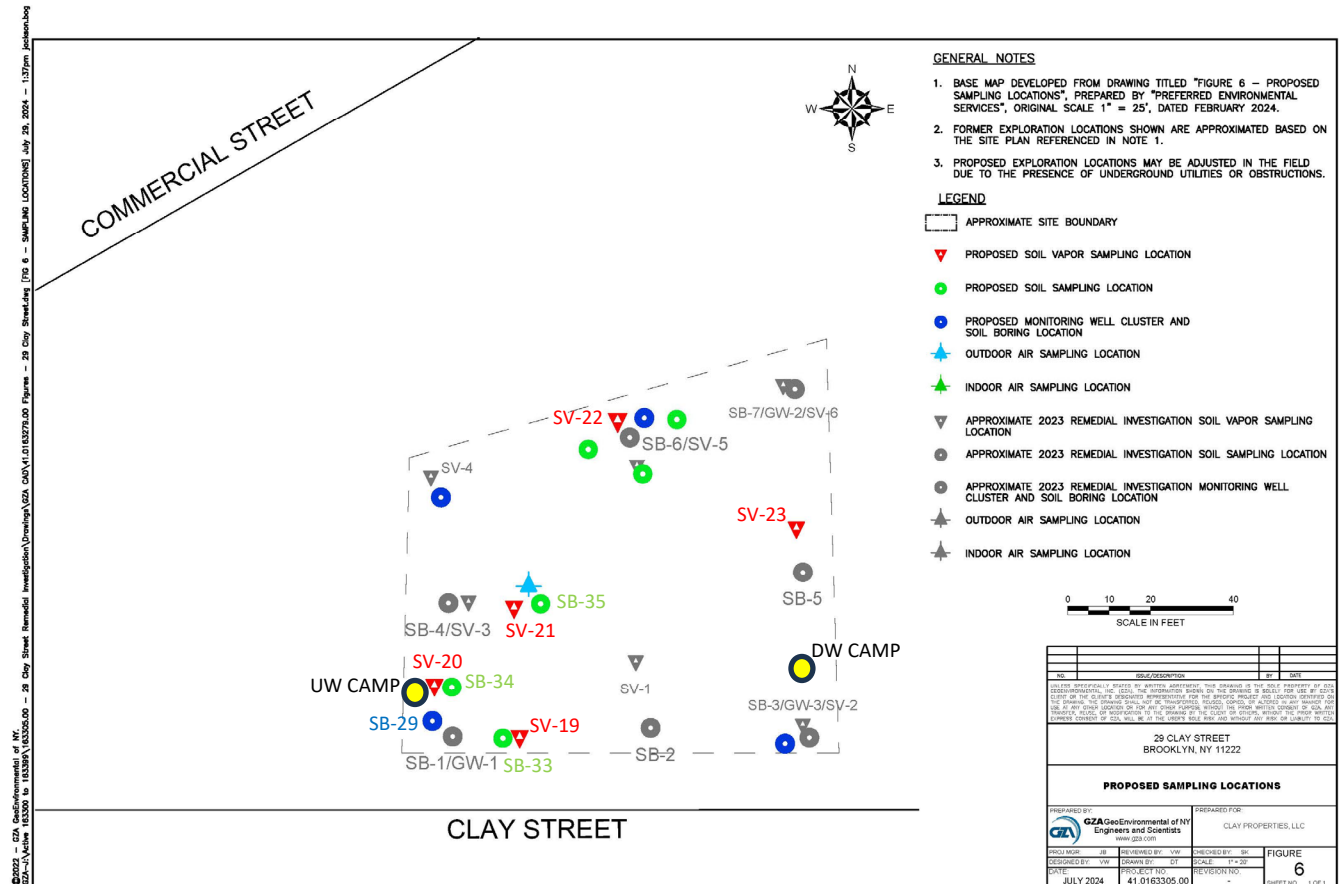
Background Prestart Conditions – PID: 0.00 ppm, Particulates: 10.71 ug/m³

High Conditions – PID: 0.03 ppm, Particulates: 56.42 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 001

DATE: 8/5/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: South	Photo No. 2	Direction Photo Taken N/A
			
Description: Coastal Environmental drilling Soil Boring SB-29. CAMP Station is shown adjacent to the work.		Description: Installed soil vapor sampling point.	
Photo No. 3	Direction Photo Taken: N/A	Photo No. 4	Direction Photo Taken N/A
			
Description: GZA screening soil with PID.		Description: View of soil from soil boring SB-35.	



GZA DAILY FIELD SUMMARY 001

DATE: 8/5/2024

FILE NO: 41.0163305.00

ATTACHMENT C – AIR MONITORING

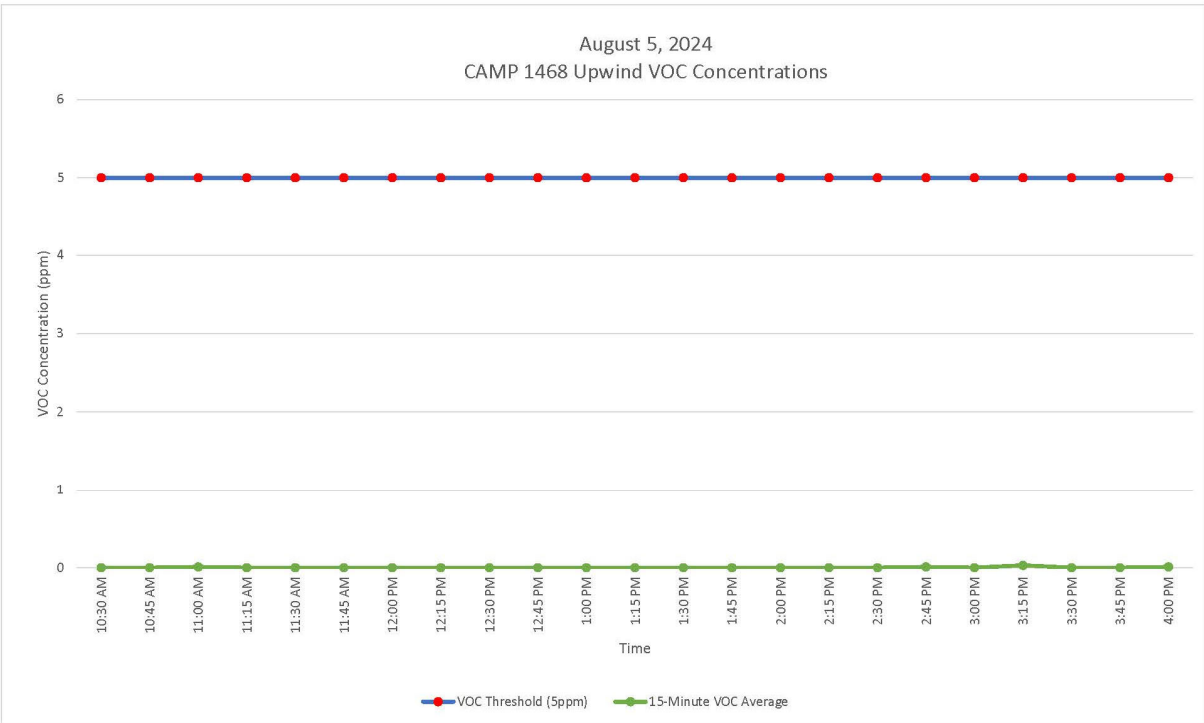
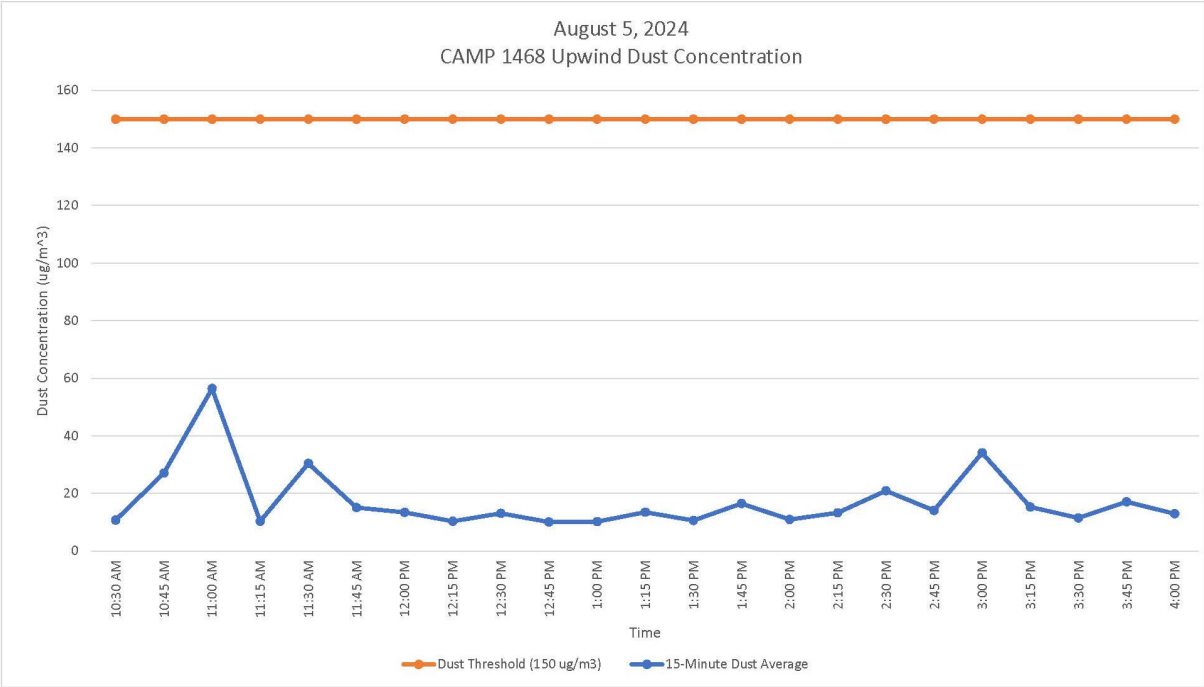
Daily Instrument Calibration Log

Date: August 5, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand <u>PID Model 580</u> SN: <u>592-927198</u>			
Held <u>SidePak</u> SN: <u>31132</u>			
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input type="checkbox"/> YES <input type="checkbox"/> NO		1 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
2 <input 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: 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>8.79</u>	
PID 2: <u>0.0</u>		Data Ram 2: <u>10.71</u>	



GZA DAILY FIELD SUMMARY 001

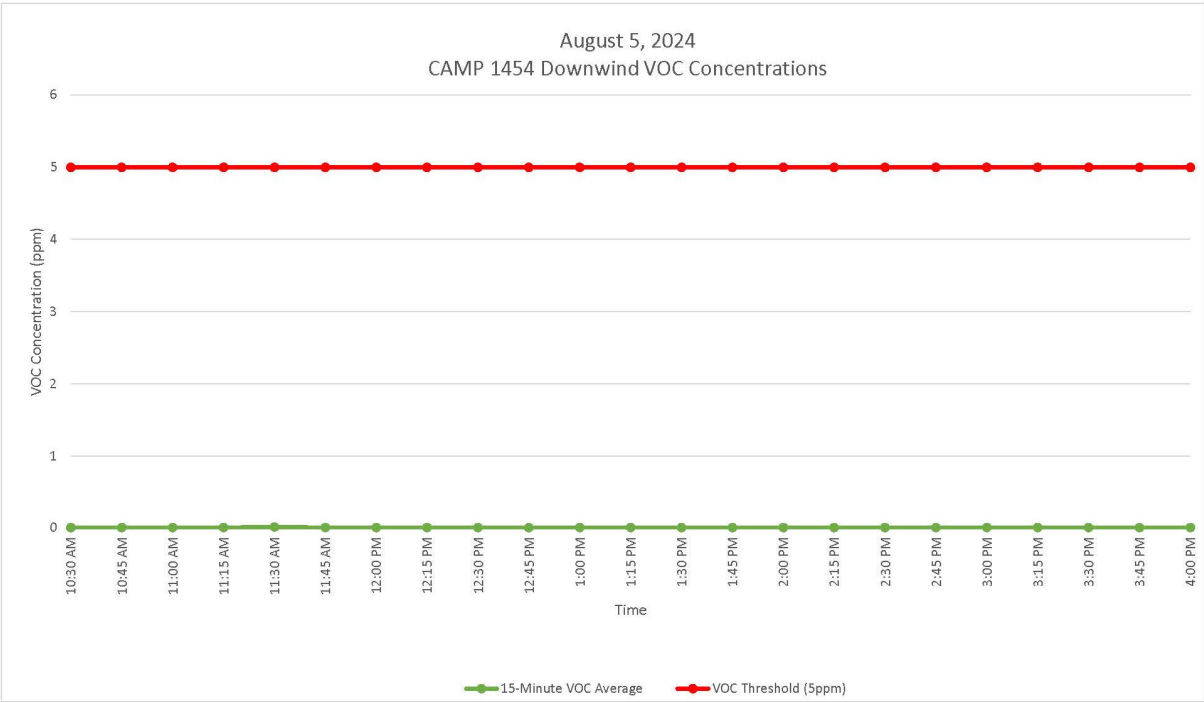
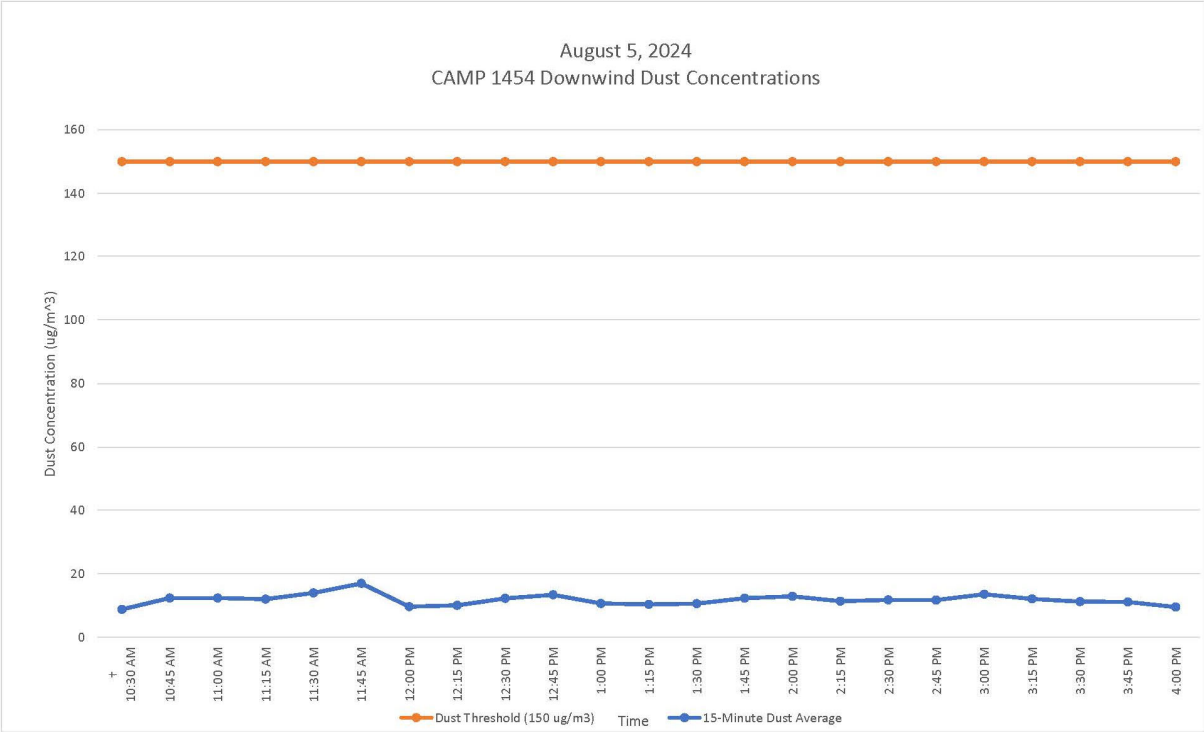
DATE: 8/5/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 001

DATE: 8/5/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 002

DATE: 8/6/2024
FILE NO: 41.0163305.00

PROJECT:

CLIENT:

PREPARED BY:

REVIEWED BY:

ATTACHMENTS:

29 Clay Street RI – C224408

Clay Properties, LLC

Jackson Bogach (GZA)

Mark Hutson (GZA)

A – Site Plan
B – Photo Log
C – Daily Calibration and Air Monitoring Logs

LOCATION:

WEATHER:

AVE. TEMPERATURE

AVE. DEW POINT

MAX WIND SPEED

PRECIPITATION

Brooklyn, New York

Sunny to Overcast/Lt Rain

83.11°F

71.00°F

10 mph from SW

0.00 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Tuesday, August 6, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro	
SITE VISITORS:	NYSDEC – Jennifer Gonzalez	



GZA DAILY FIELD SUMMARY 002

DATE: 8/6/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 8/6/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. advanced 5 soil borings to a maximum depth of 30 feet below ground surface: SB-30, SB-31, SB-36, SB-37, and SB-38.
2. GZA observed soil boring and soil vapor point drilling, logged soil borings, and collected soil samples for analysis. Soil boring locations are shown on **Attachment A**.

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 (1468–Upwind, 1454– Downwind) with remote telemetry system
- Geoprobe 7822DT

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-30 (1-3') + Field Duplicate, SB-30 (4-6') + Matrix Spike/Matrix Spike Duplicate
- SB-31 (1-3'), SB-31 (4-6')
- SB-36 (1-3'), SB-36 (5-7')
- SB-37 (1-3'), SB-37 (5-7')
- SB-38 (1-3'), SB-38 (4-6')

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-30 (20') – VOC only, SB-30 (29') – VOC only
- SB-31 (25') – VOC only
- SB-36 (18') – VOC only
- SB-37 (20') – VOC only
- SB-38 (20') – VOC only

AIR MONITORING RESULTS:

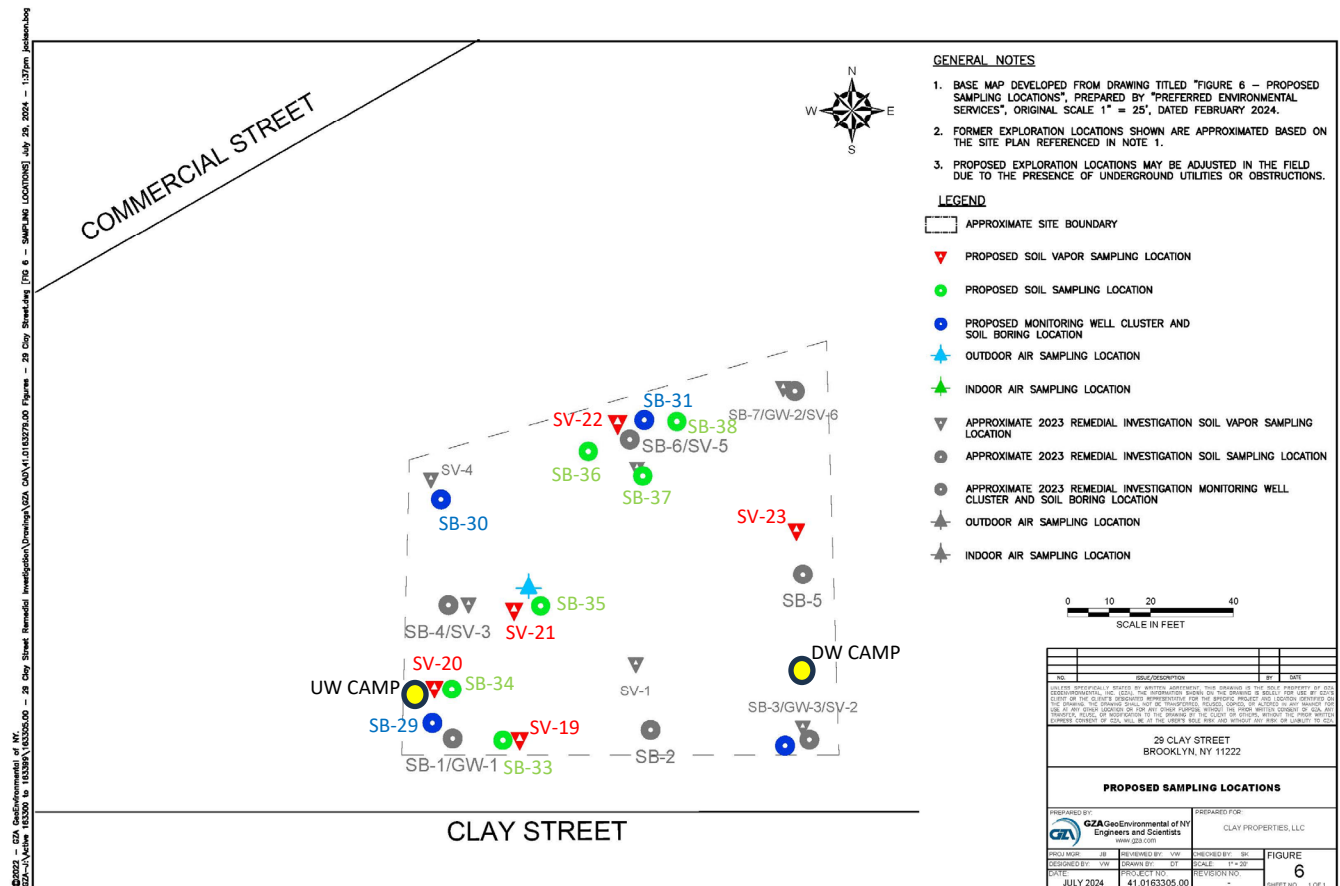
Background Prestart Conditions – PID: 0.00 ppm, Particulates: 26.17 ug/m³

High Conditions – PID: 0.03 ppm, Particulates: 39.28 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 002

DATE: 8/6/2024
FILE NO: 41.0163305.00

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: Coastal Environmental drilling Soil Boring SB-30. CAMP station is shown along property line.</p>		<p>Description: GZA collecting equipment blank for PFAS analysis using Geoprobe Macrocore.</p>	
<p>Photo No. 3</p>	<p>Direction Photo Taken: N/A</p>	<p>Photo No. 4</p>	<p>Direction Photo Taken N/A</p>
			
<p>Description: GZA screening soil with PID.</p>		<p>Description: View of soil from soil boring SB-30.</p>	



GZA DAILY FIELD SUMMARY 002

DATE: 8/6/2024
FILE NO: 41.0163305.00

ATTACHMENT C – AIR MONITORING

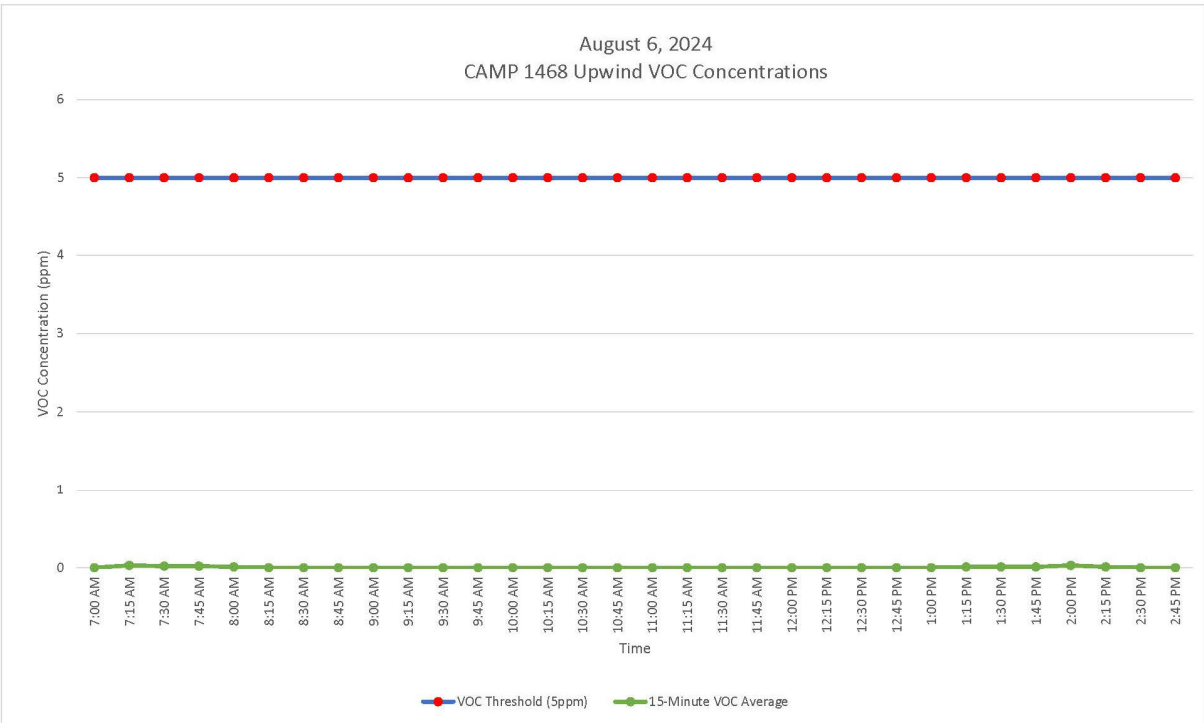
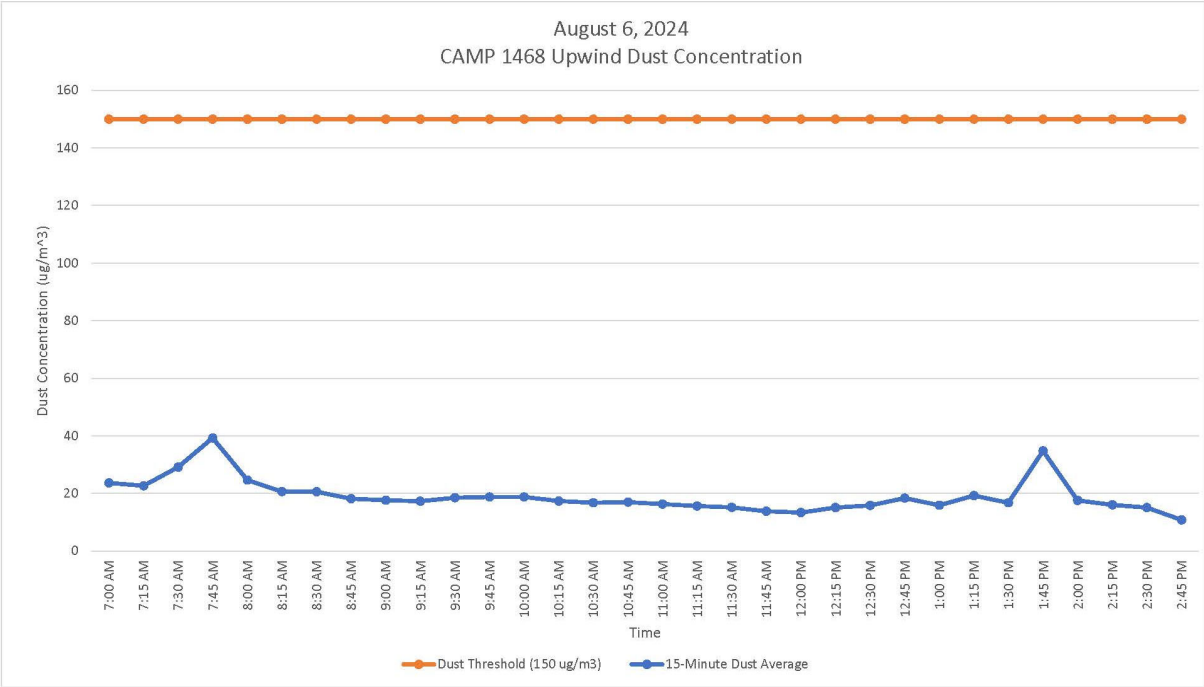
Daily Instrument Calibration Log

Date: August 6, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand <u>PID Model 580</u> SN: <u>592-602785</u>			
Held <u>SidePak</u> SN: <u>853214707</u>			
Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 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>26.17</u>	
PID 2: <u>0.0</u>		Data Ram 2: <u>23.67</u>	



GZA DAILY FIELD SUMMARY 002

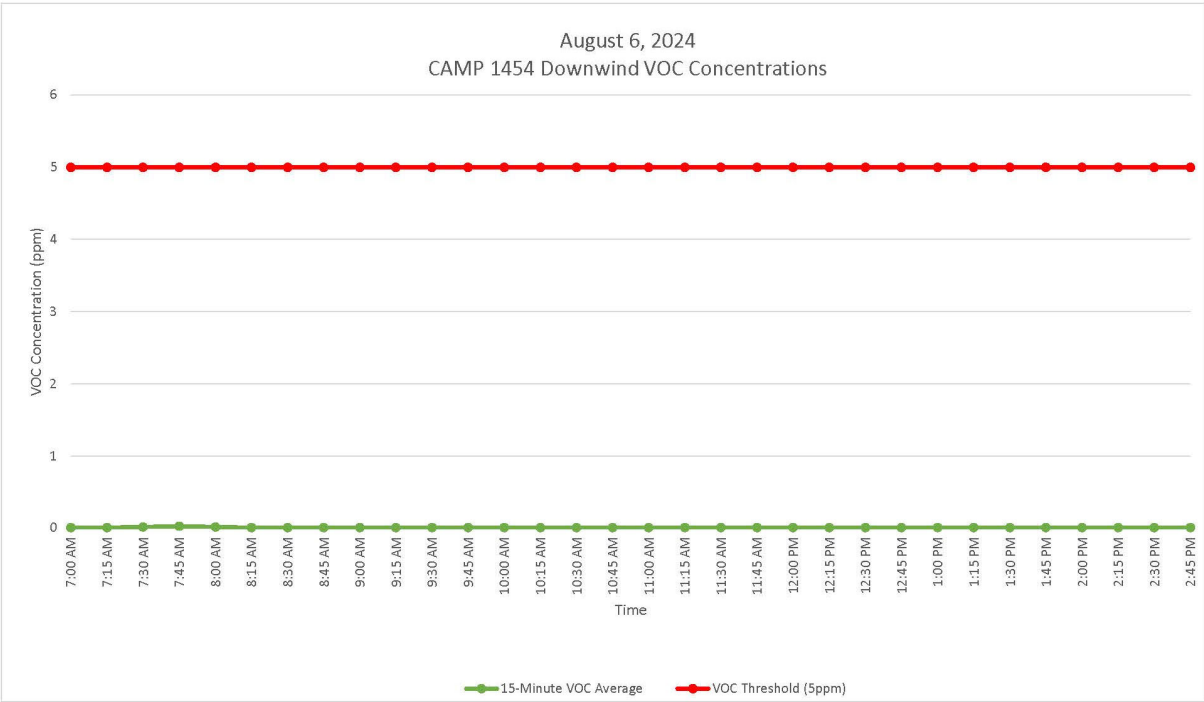
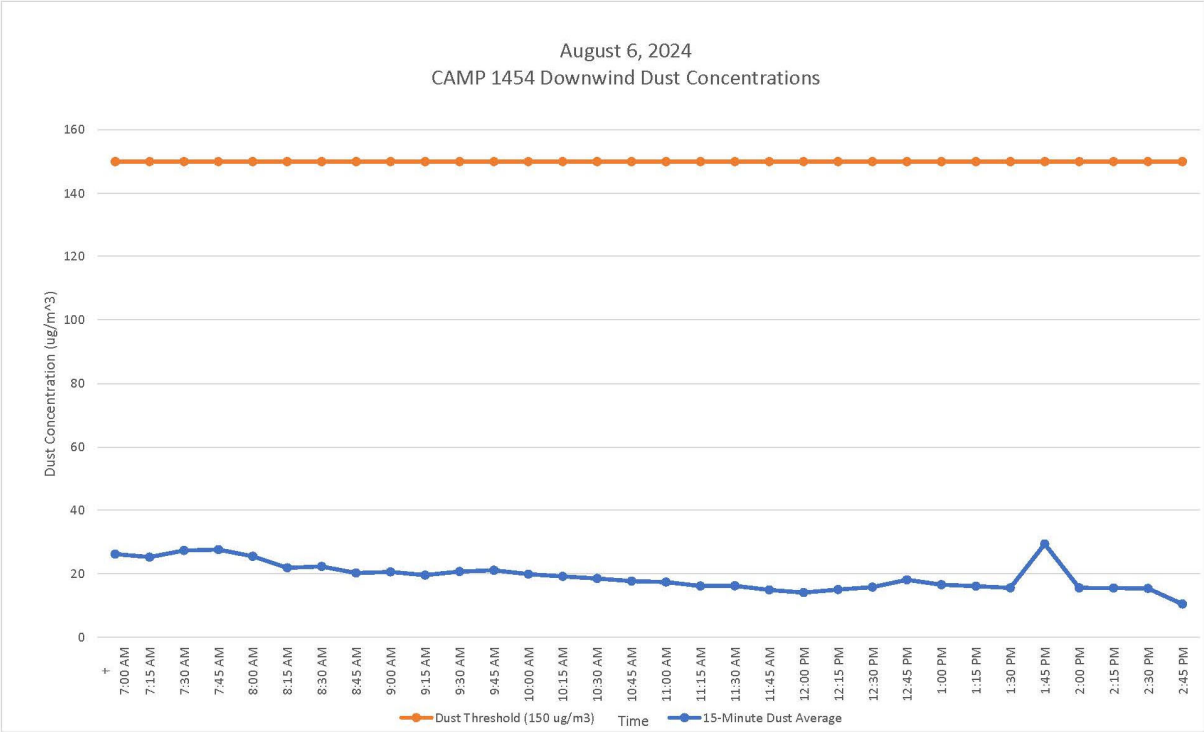
DATE: 8/6/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 002

DATE: 8/6/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 001

DATE: 8/6/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Sunny to Overcast/Lt Rain
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	83.11°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	71.00°F
		MAX WIND SPEED	10 mph from SW
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Tuesday, August 6, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
	Coastal Environmental Solutions, Inc. – Dennis Berthold	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 001

DATE: 8/6/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 8/6/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. completed a geophysical survey of the 19-27 Clay Street Lot in preparation for the remedial investigation drilling on the lot. The location of the Lot is shown on **Attachment A**.
2. GZA observed and documented the geophysical survey. No air monitoring was conducted due to no intrusive site activities.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Impulse Radar PinPointR
- Vivax Metrotech vLoc3-Pro
- Vivax Metrotech Loc3-10Tx

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- None

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

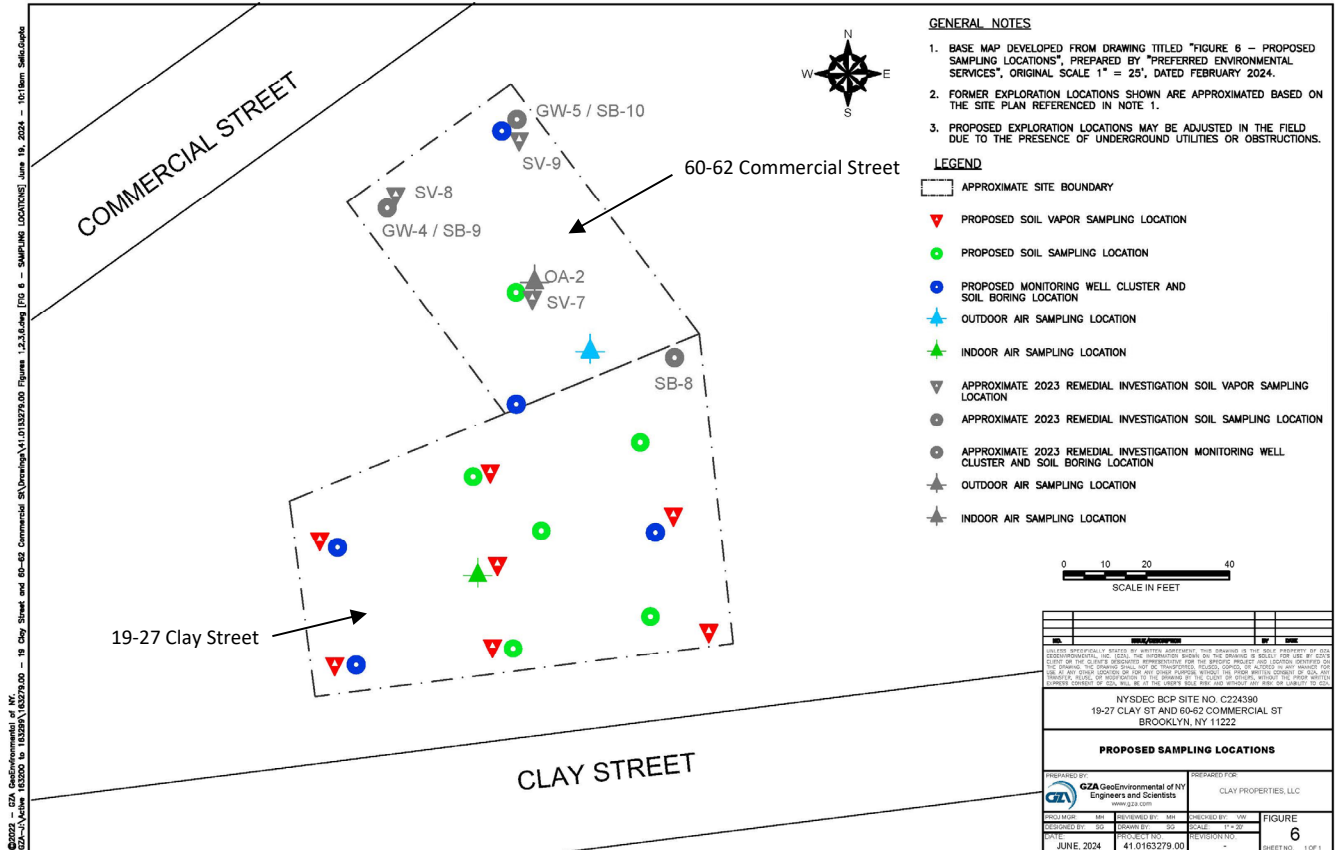
No air monitoring performed. No intrusive site work during today's scope of work.



GZA DAILY FIELD SUMMARY 001

DATE: 8/6/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN






GZA DAILY FIELD SUMMARY 001

DATE: 8/6/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken Southeast
			
Description: Marked sewer/drain line on the 19-27 Clay Street Lot following the geophysical survey.		Description: Marked high voltage line on the 19-27 Clay Street Lot following the geophysical survey.	
Photo No. 3	Direction Photo Taken: South	Photo No. 4	Direction Photo Taken N/A
			
Description: Impulse Radar PinPointR equipment.		Description: Vivax Metrotech vLoc3-Pro equipment.	



GZA DAILY FIELD SUMMARY 003

DATE: 8/7/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Overcast/Rain
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	68.72°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	64.97°F
		MAX WIND SPEED	17 mph from NE
ATTACHMENTS:	A – Site Plan	PRECIPITATION	2.08 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Wednesday, August 7, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 003

DATE: 8/7/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 8/7/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. advanced 3 soil borings to a maximum depth of 20 feet below ground surface: SB-32, SB-35-S and SB-35-E. SB-35-S and SB-35-E were drilled 10 feet south and east, respectively, from SB-35 for delineation purposes. SB-35 was drilled on Monday, August 5.
2. GZA observed soil boring drilling, logged soil borings, and collected soil samples for analysis. Soil boring locations are shown on **Attachment A**.

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 (1454–Upwind, 1468– Downwind) with remote telemetry system
- Geoprobe 7822DT

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-32 (1-3'), SB-32 (5-7') – Matrix Spike/Matrix Spike Duplicate for VOC's

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-32 (18.5') – VOC only
- SB-35-S (14'), SB-35-S (17'), SB-35-S (20') – VOC only
- SB-35-E (13'), SB-35-E (18'), SB-35-E (20') + Blind Duplicate – VOC only

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 3.33 ug/m³

High Conditions – PID: 0.01 ppm, Particulates: 8.12 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

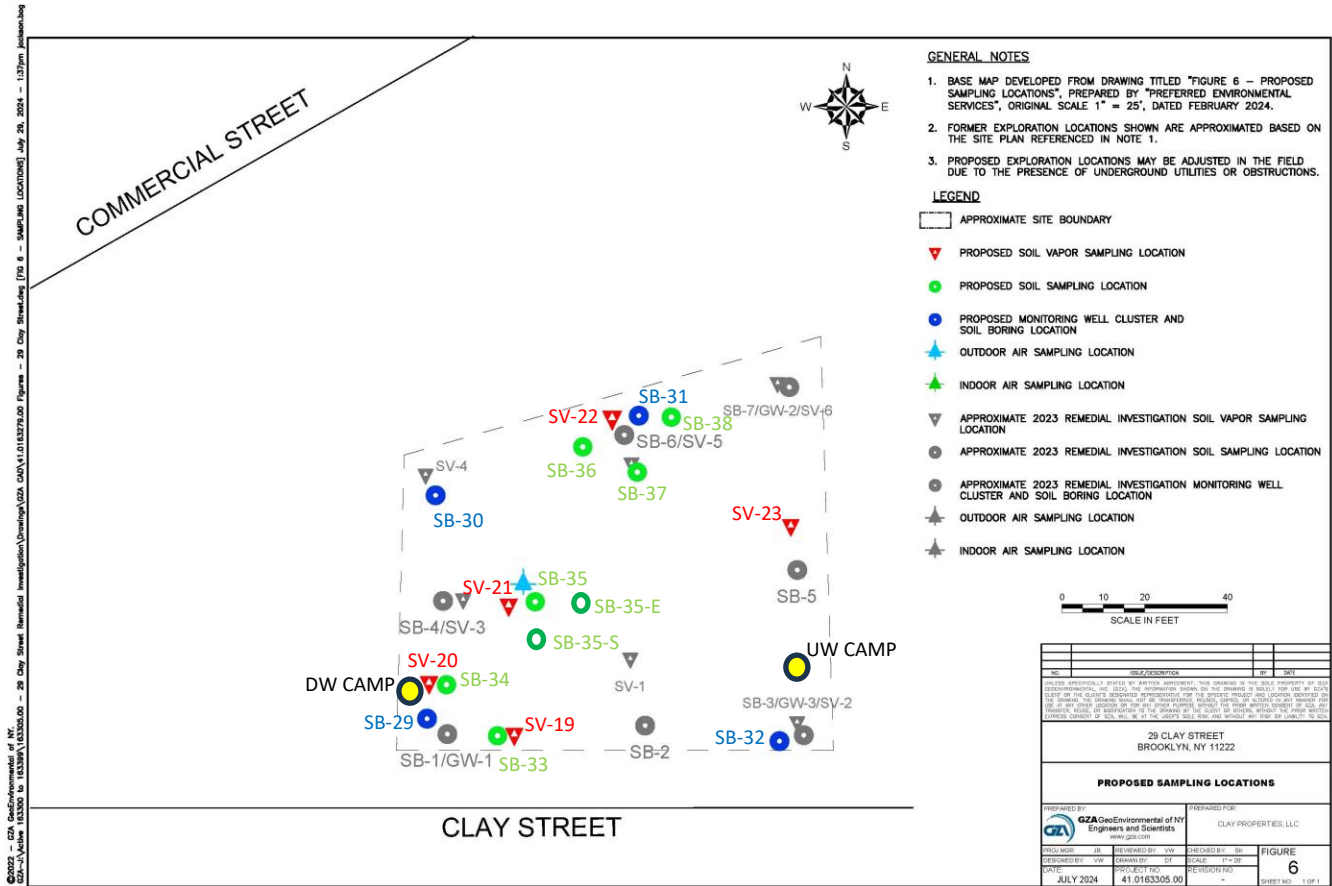
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 003

DATE: 8/7/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN



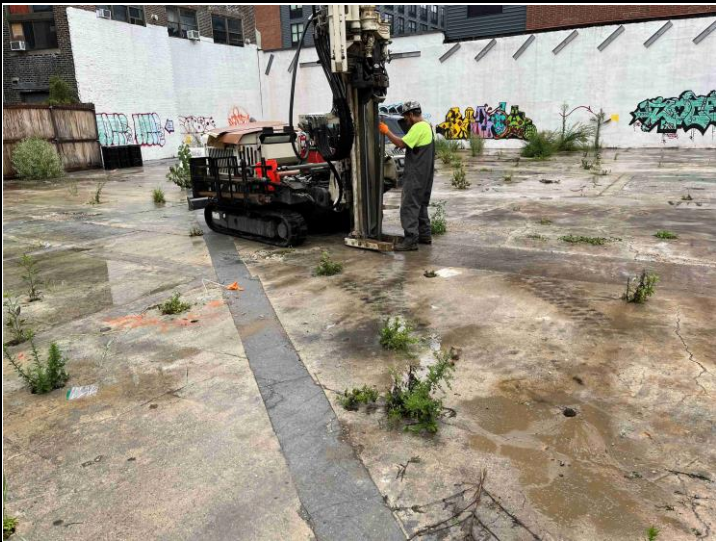





GZA DAILY FIELD SUMMARY 003

DATE: 8/7/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: South	Photo No. 2	Direction Photo Taken N/A
			
Description: Coastal Environmental drilling Soil Boring SB-32. CAMP station is shown adjacent to the drilling operation.		Description: Clay layer at approximately 19 feet below ground surface in boring SB-32.	
Photo No. 3	Direction Photo Taken: Northeast	Photo No. 4	Direction Photo Taken N/A
			
Description: Coastal Environmental drilling SB-35-E. The original SB-35 boring and SB-35-S borings are shown.		Description: View of soil from soil boring SB-32-E at approximately 17 feet below ground surface.	



GZA DAILY FIELD SUMMARY 003

DATE: 8/7/2024
FILE NO: 41.0163305.00

ATTACHMENT C – AIR MONITORING

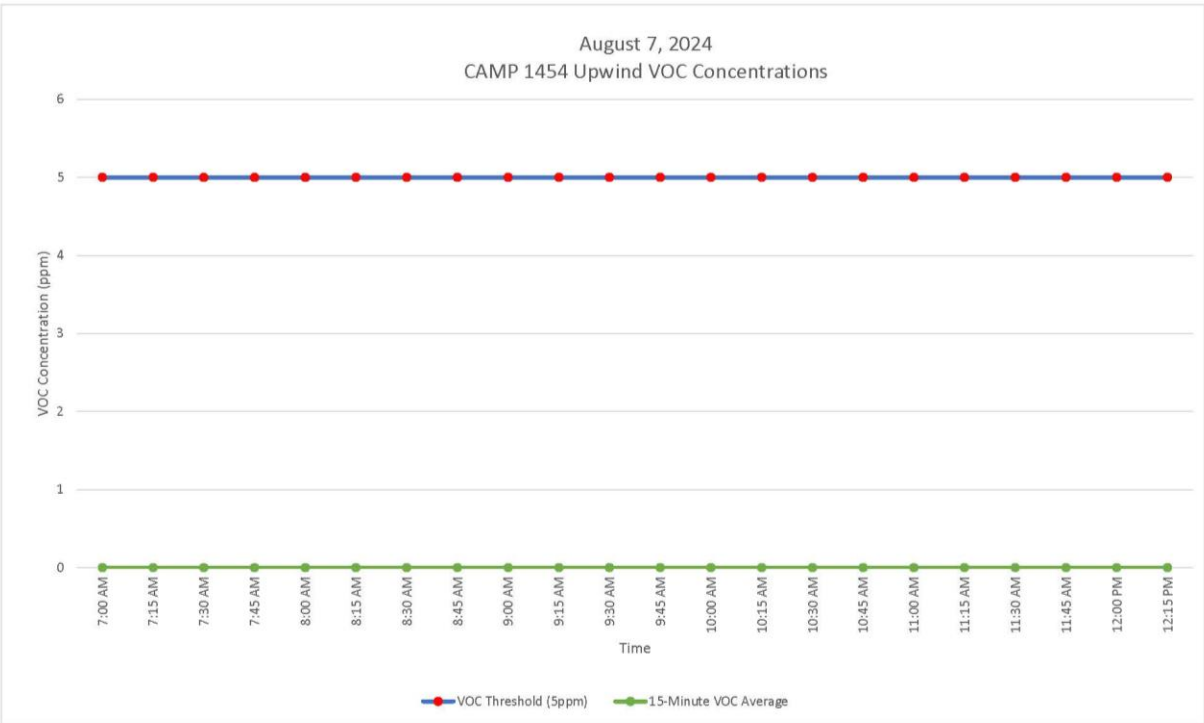
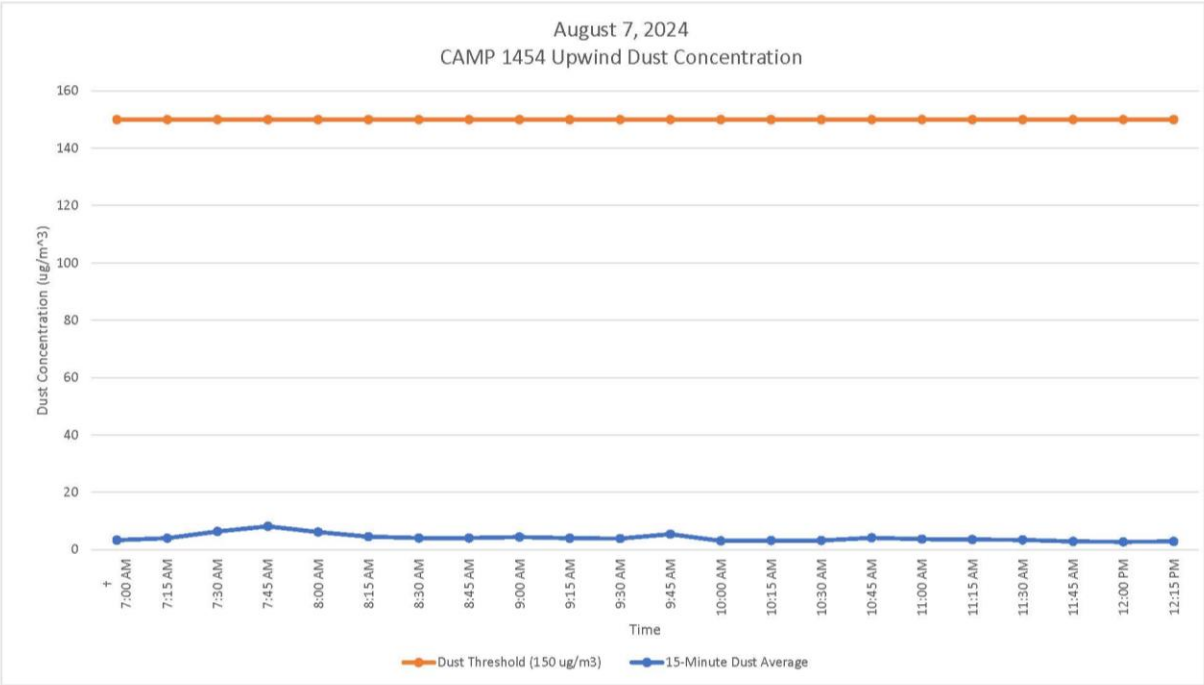
Daily Instrument Calibration Log

Date: August 7, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand <u>PID Model 580</u> SN: 592-602785			
Held <u>SidePak</u> SN: 853214707			
Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 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>3.33</u>	
PID 2: <u>0.0</u>		Data Ram 2: <u>2.05</u>	



GZA DAILY FIELD SUMMARY 003

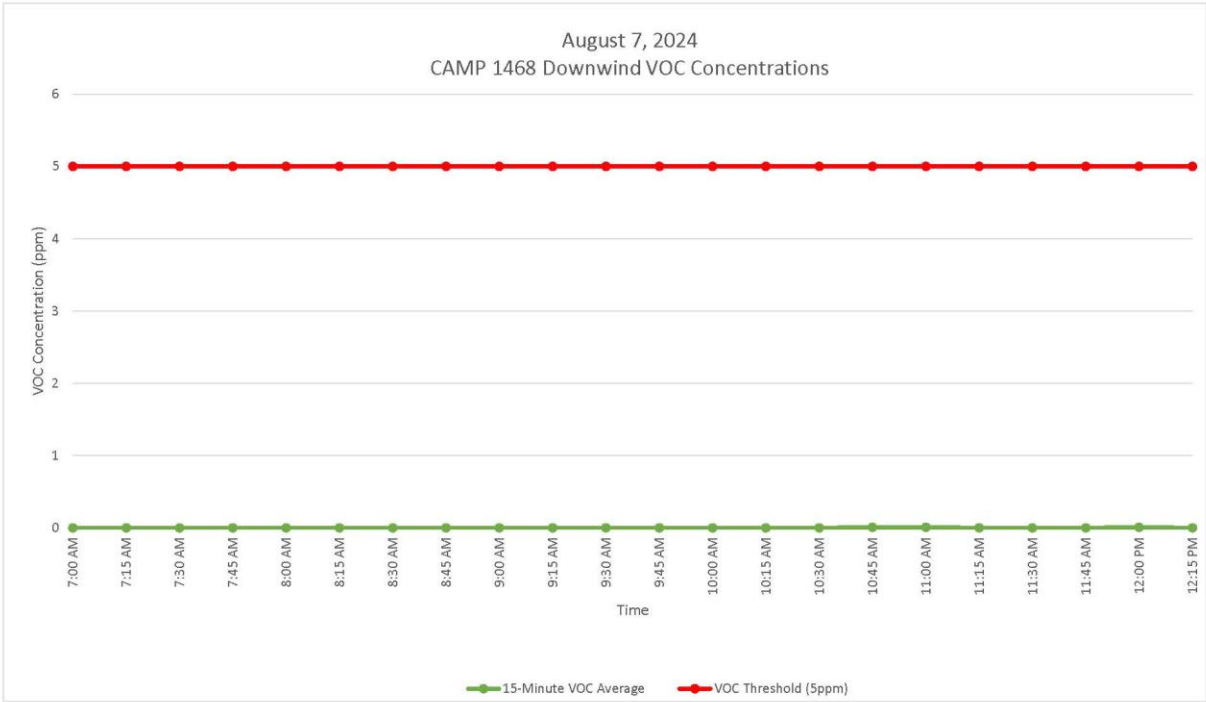
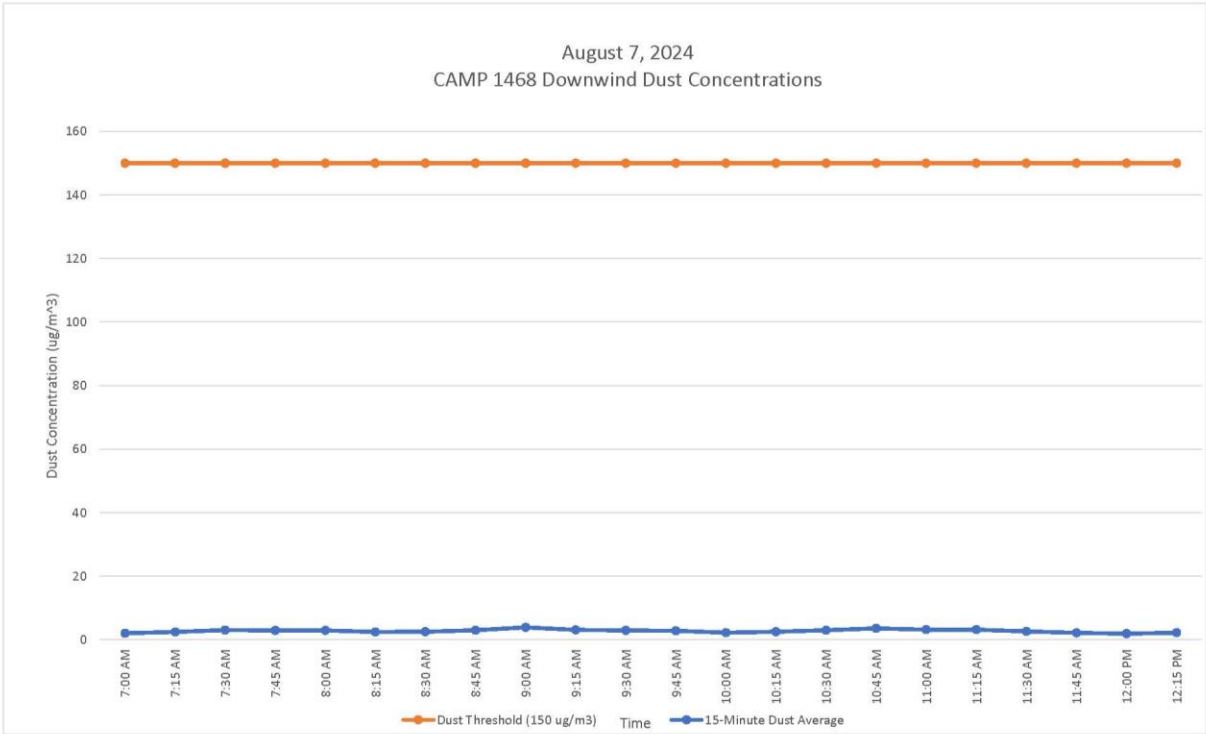
DATE: 8/7/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 003

DATE: 8/7/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 002

DATE: 8/7/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Overcast/Rain
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	68.72°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	64.97°F
		MAX WIND SPEED	17 mph from NE
		PRECIPITATION	2.08 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Wednesday, August 7, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 002

DATE: 8/7/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 8/7/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. drilled soil vapor points SV-12, SV-13, SV-14, SV-15, SV-16, SV-17, and SV-18. The soil vapor points were installed to 4-feet below ground surface. The location of the soil vapor points are shown on **Attachment A**.
2. GZA observed and documented the soil vapor point drilling.

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 (1454–Upwind, 1468– Downwind) with remote telemetry system
- Geoprobe 7822DT

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- None

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 3.34 ug/m³

High Conditions – PID: 0.01 ppm, Particulates: 22.52 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

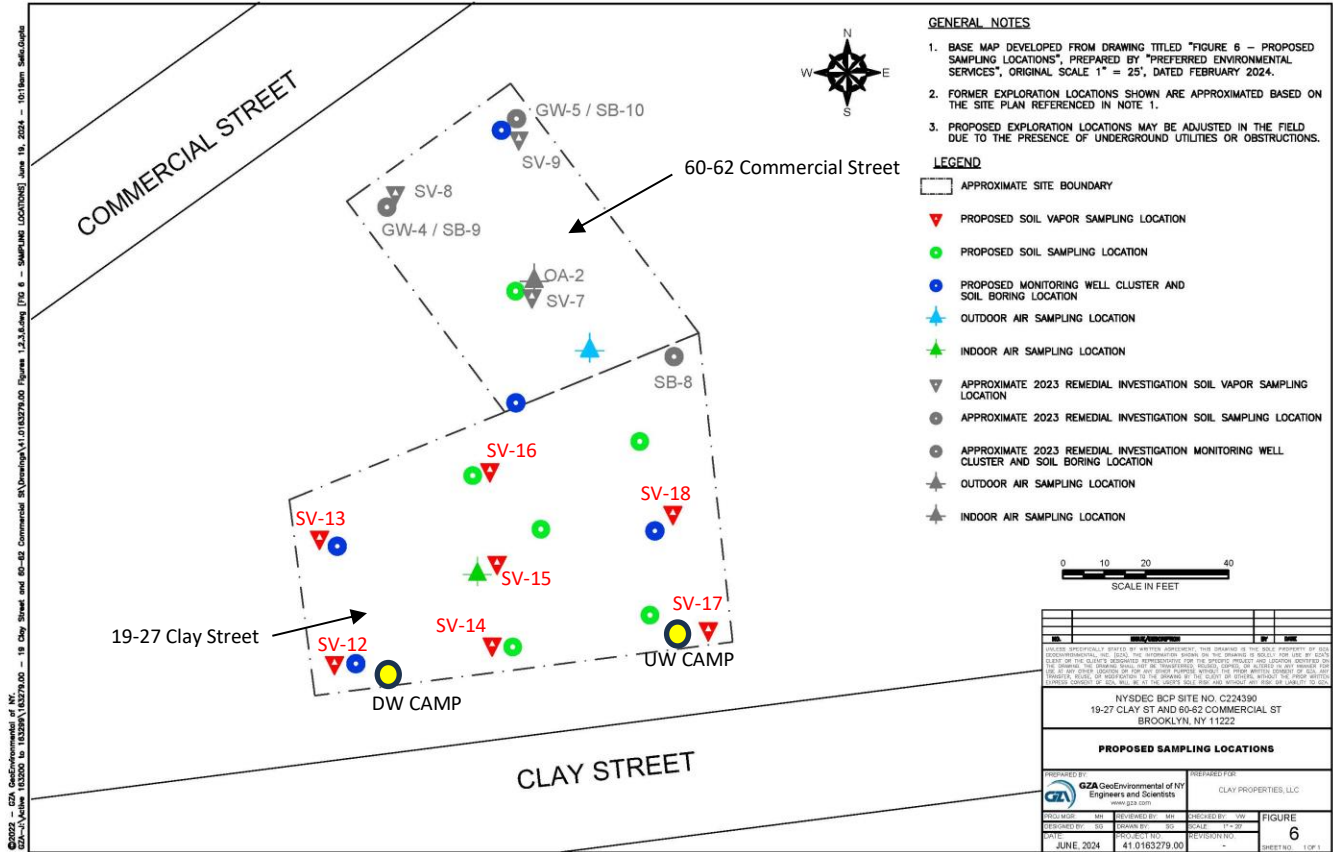
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 002

DATE: 8/7/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN




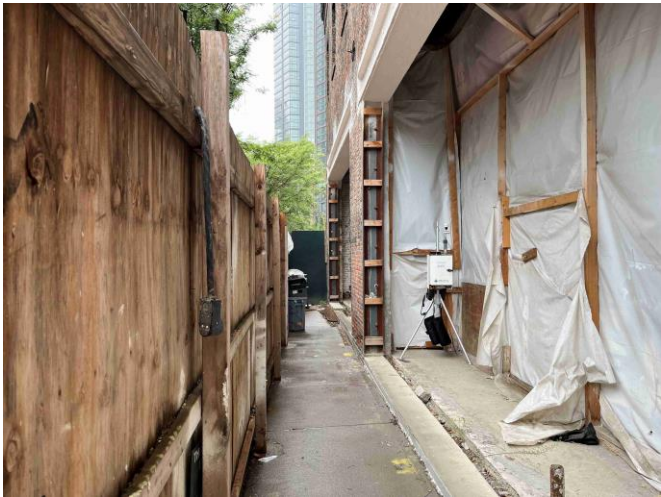




GZA DAILY FIELD SUMMARY 002

DATE: 8/7/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: West	Photo No. 2	Direction Photo Taken North
			
Description: Coastal Environmental drilling SV-14.		Description: Coastal Environmental patching SV-13 with bentonite at the surface. #2 filter sand was placed beneath the bentonite.	
Photo No. 3	Direction Photo Taken: N/A	Photo No. 4	Direction Photo Taken West
			
Description: Stainless steel probe used at the base of the soil vapor sampling points.		Description: CAMP Station set up at the property boundary.	



GZA DAILY FIELD SUMMARY 002

DATE: 8/7/2024
FILE NO: 41.0163279.00

ATTACHMENT C – AIR MONITORING

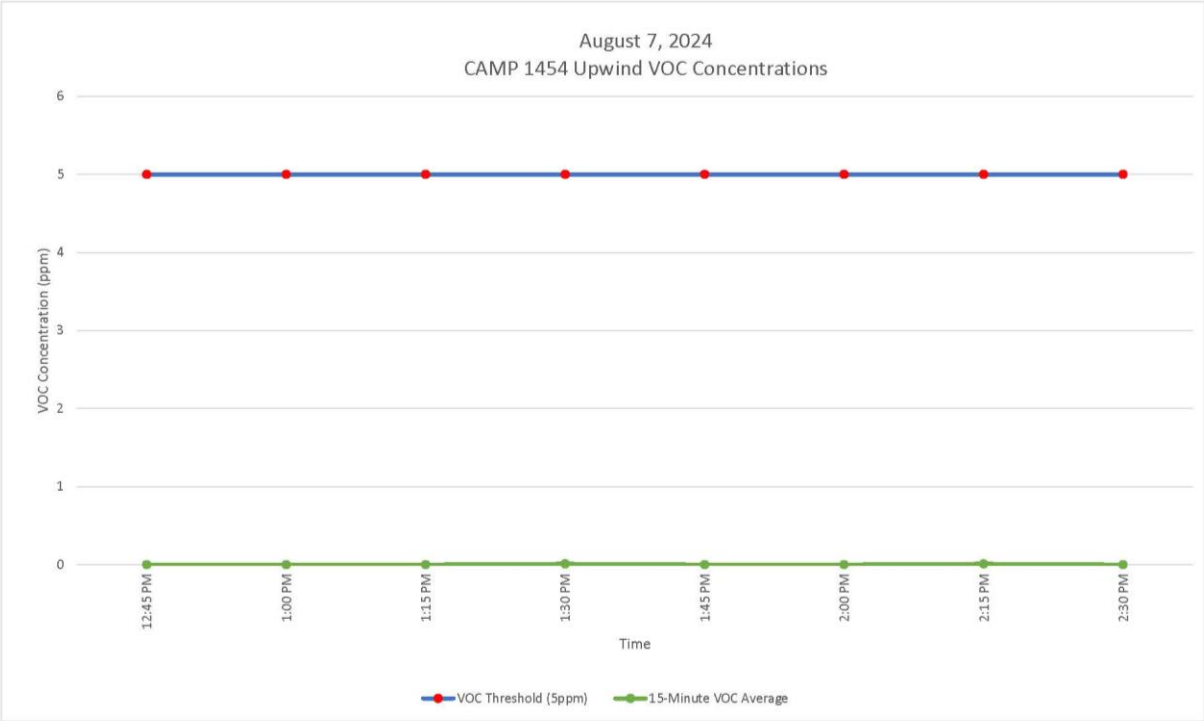
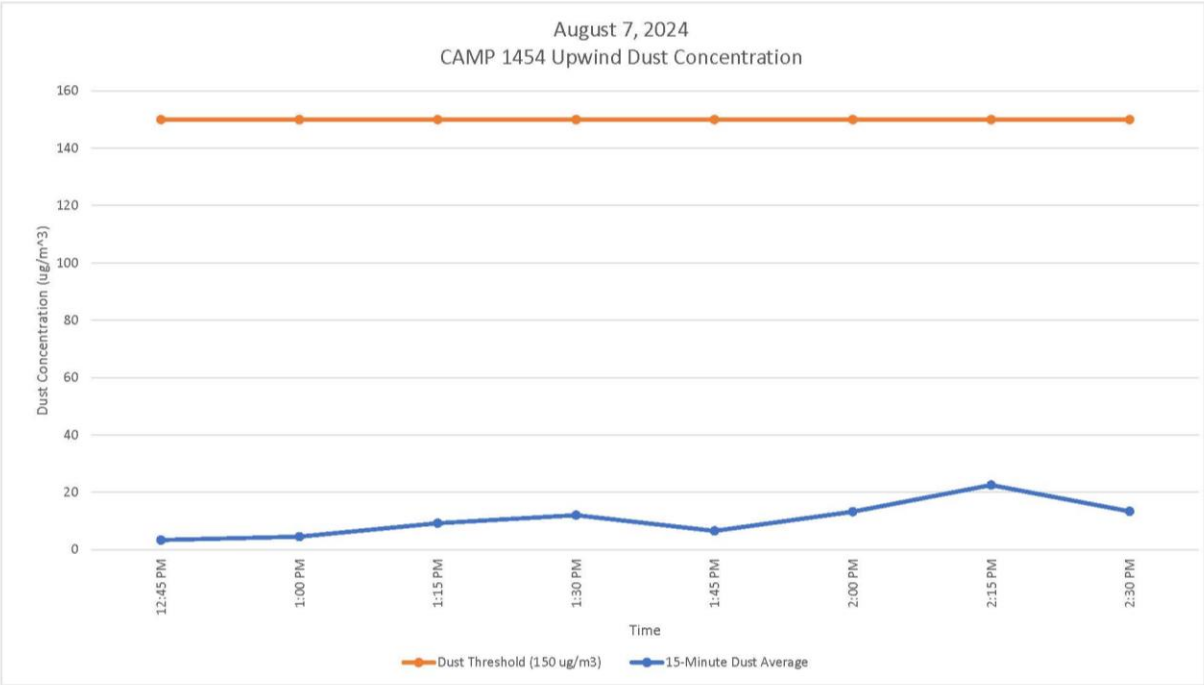
Daily Instrument Calibration Log

Date: August 7, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163279.00		Project Name: 19 Clay Street	
Instruments Used:			
Station 1		AirLogics Station 1454	
Station 2		AirLogics Station 1468	
Hand Held		PID Model 580 SN: 592-602785	
Hand Held		SidePak SN: 853214707	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 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: 0.0		Data Ram 1: 3.34	
PID 2: 0.0		Data Ram 2: 2.55	



GZA DAILY FIELD SUMMARY 002

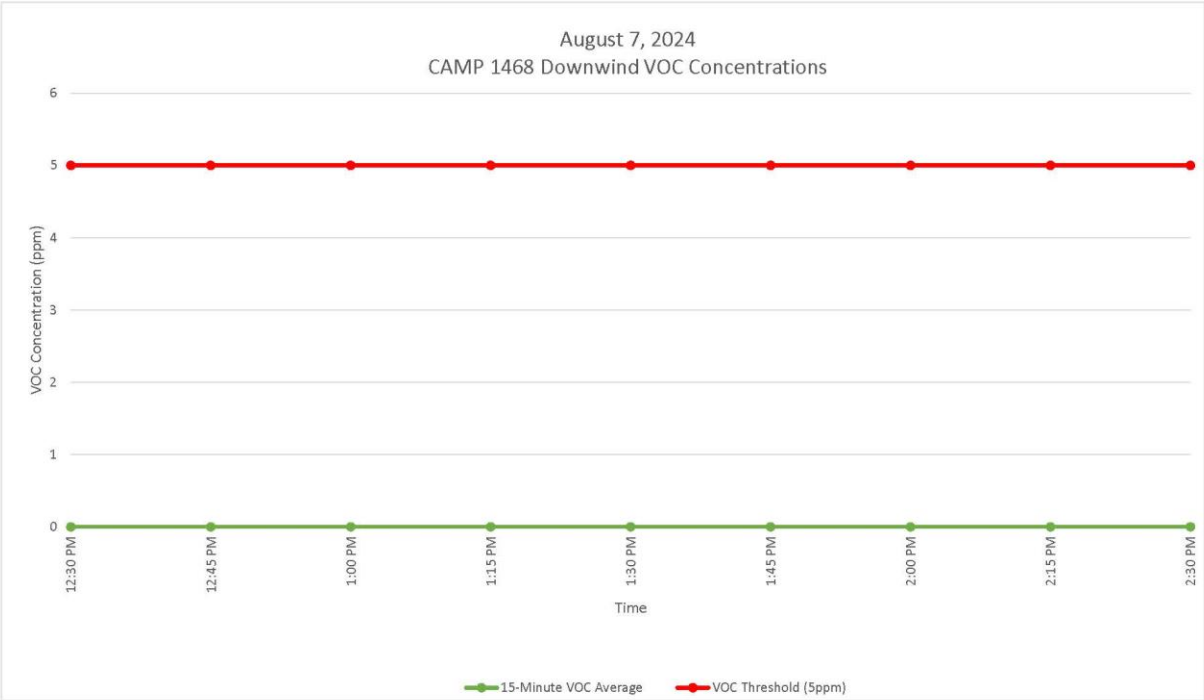
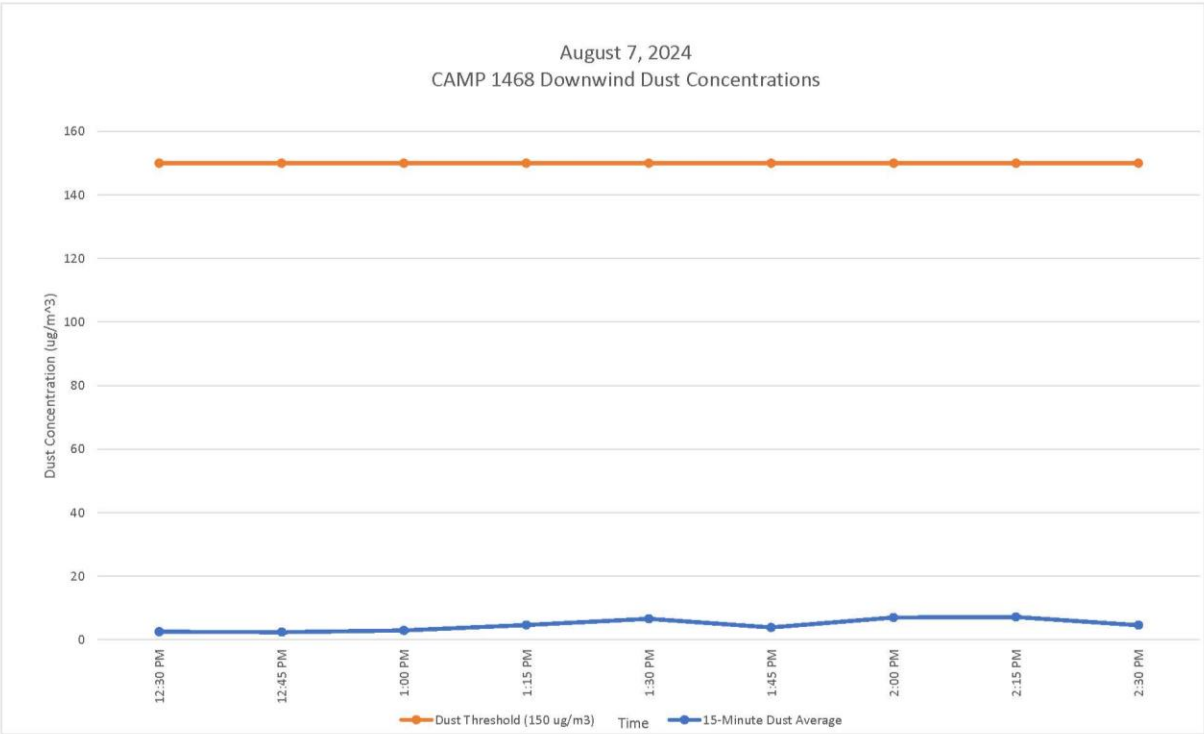
DATE: 8/7/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 002

DATE: 8/7/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 003

DATE: 8/8/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Rainy
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	67.69°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	63.00°F
		MAX WIND SPEED	14 mph from ENE
		PRECIPITATION	0.09 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Thursday, August 8, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Anthony Morano	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 003

DATE: 8/8/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Thursday – 8/8/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. drilled soil borings SB-15, SB-16, SB-20, SB-24, and SB-25 to a maximum depth of 25 feet below ground surface. The location of the soil borings are shown on **Attachment A**.
2. GZA observed and documented the soil boring drilling, logged soil borings, and collected soil samples for laboratory analysis.

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 (1454–Downwind, 1468– Upwind) with remote telemetry system
- Geoprobe 7822DT

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-15 (1-3'), SB-15 (5-7')
- SB-16 (1-3'), SB-16 (5-7')
- SB-20 (1-3'), SB-20 (5-7')
- SB-24 (1-3'), SB-24 (5-7')
- SB-25 (1-3') + blind duplicate, SB-25 (6-8') + matrix spike and matrix spike duplicate

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-15 (21') – VOC only, SB-15 (25') – VOC only
- SB-16 (20.5') – VOC only
- SB-20 (19.5') – VOC only
- SB-24 (17') – VOC only
- SB-25 (10.5') – VOC only

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 6.85 ug/m³

High Conditions – PID: 0.01 ppm, Particulates: 24.18 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

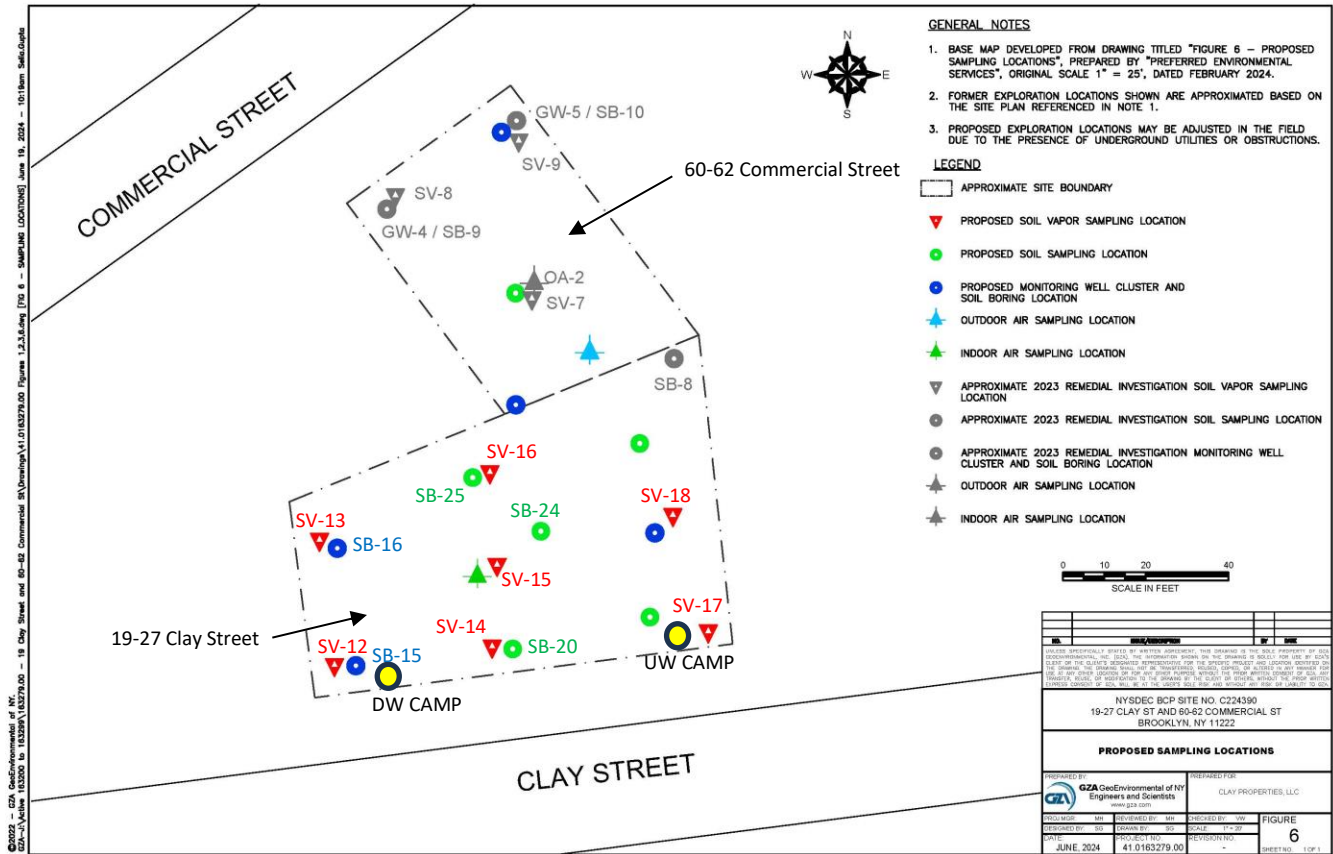
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 003

DATE: 8/8/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN

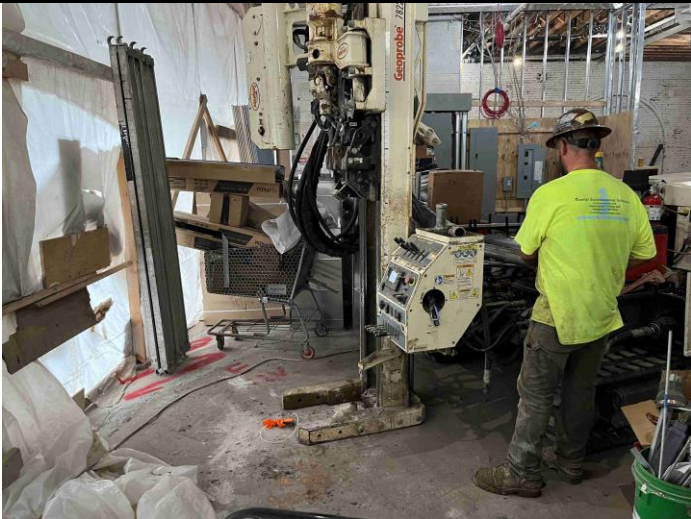
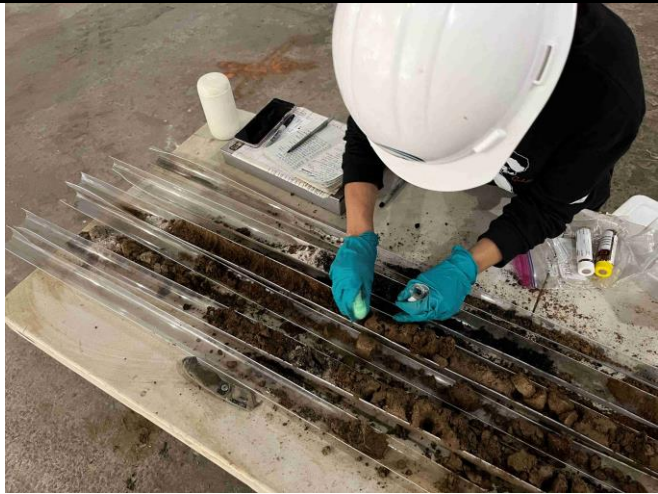

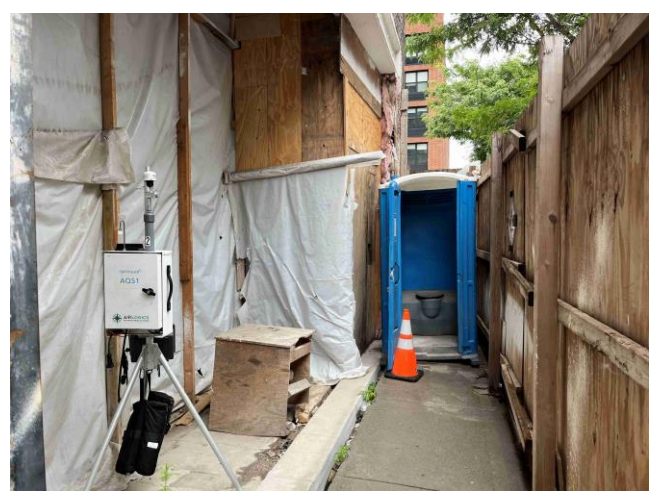




GZA DAILY FIELD SUMMARY 003

DATE: 8/8/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: West	Photo No. 2	Direction Photo Taken N/A
			
Description: Coastal Environmental drilling SB-20.		Description: GZA collecting soil samples for VOC analysis.	
Photo No. 3	Direction Photo Taken: N/A	Photo No. 4	Direction Photo Taken N/A
			
Description: Urban fill material from SB-24. Fill material is typical for the Site.		Description: CAMP station set up at site perimeter.	



GZA DAILY FIELD SUMMARY 003

DATE: 8/8/2024
FILE NO: 41.0163279.00

ATTACHMENT C – AIR MONITORING

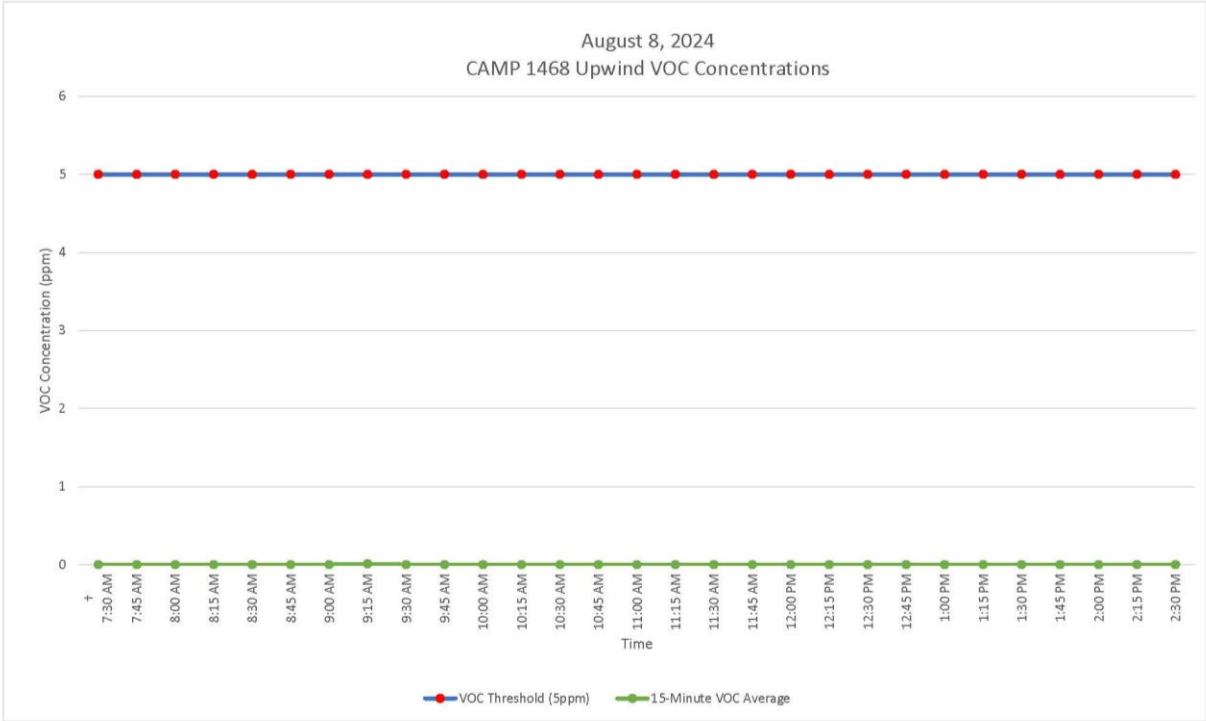
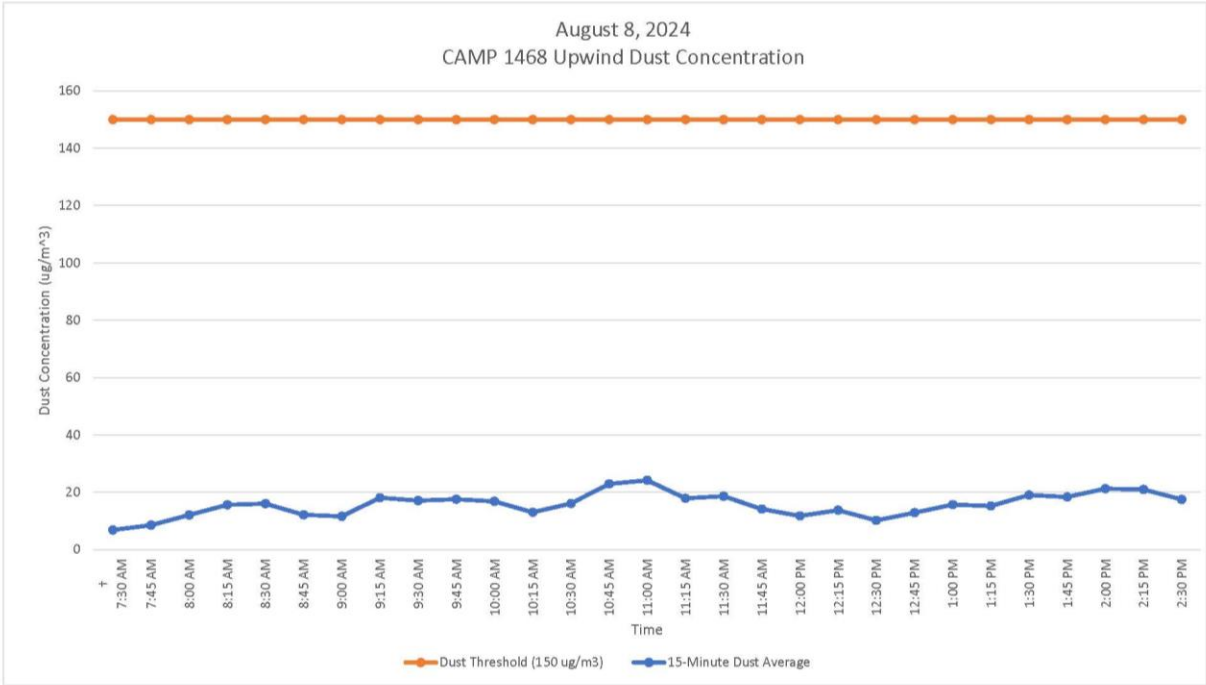
Daily Instrument Calibration Log

Date: August 8, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163279.00		Project Name: 19 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand <u>PID Model 580</u> <u>SN: 592-602785</u>			
Held <u>SidePak</u> <u>SN: 853214707</u>			
Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<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
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 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>7.42</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>6.85</u>



GZA DAILY FIELD SUMMARY 003

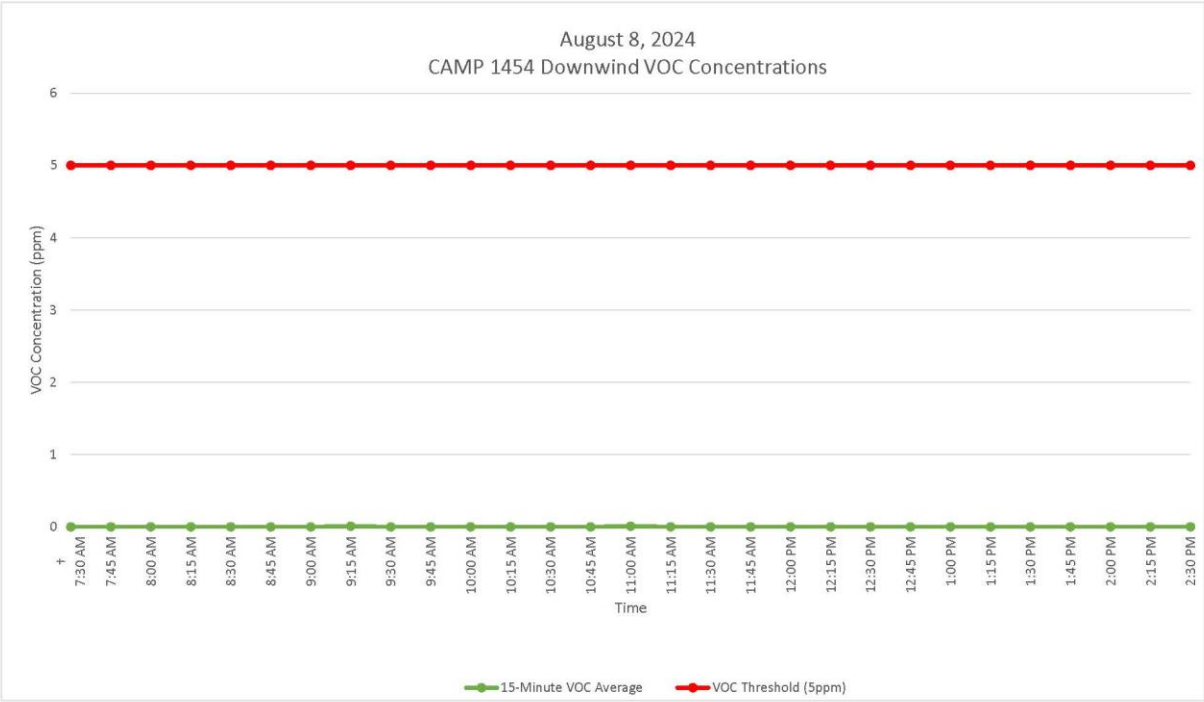
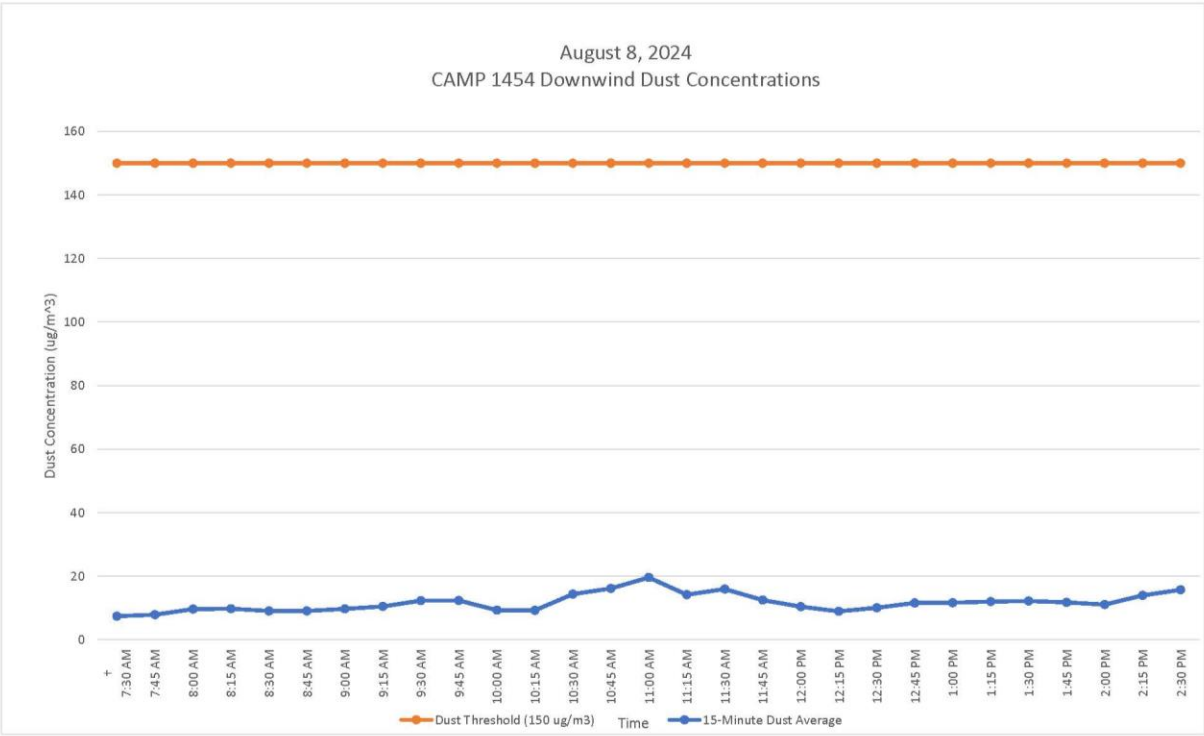
DATE: 8/8/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 003

DATE: 8/8/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 004

DATE: 8/9/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Overcast/Rainy/Windy
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	77.33°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	72.78°F
		MAX WIND SPEED	31 mph from SSE
		PRECIPITATION	0.27 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Friday, August 9, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Anthony Morano	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 004

DATE: 8/9/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Friday – 8/9/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. drilled soil borings SB-17, SB-21, SB-22, SB-23, SB-26 and SB-27 to a maximum depth of 20 feet below ground surface. Soil borings SB-21, SB-22, and SB-23 were shallow borings for VOC delineation to a maximum depth of 5 feet below ground surface. The location of the soil borings are shown on **Attachment A**.
2. GZA observed and documented the soil boring drilling, logged soil borings, and collected soil samples for laboratory analysis.

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 (1454–Downwind, 1468– Upwind) with remote telemetry system
- Geoprobe 7822DT

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-17 (1-3'), SV-17 (5-7')
- SB-26 (1-3') +matrix spike & matrix spike duplicate for VOCs only, SB-26 (5-7') + blind duplicate for VOCs only
- SB-27 (1-3'), SB-27 (6-8')

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-17 (17') – VOC only
- SB-21 (3') – VOC only
- SB-22 (3') – VOC only
- SB-23 (3') - VOC only
- SB-26 (17.5') – VOC only

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 35.35 ug/m³

High Conditions – PID: 0.01 ppm, Particulates: 50.47 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

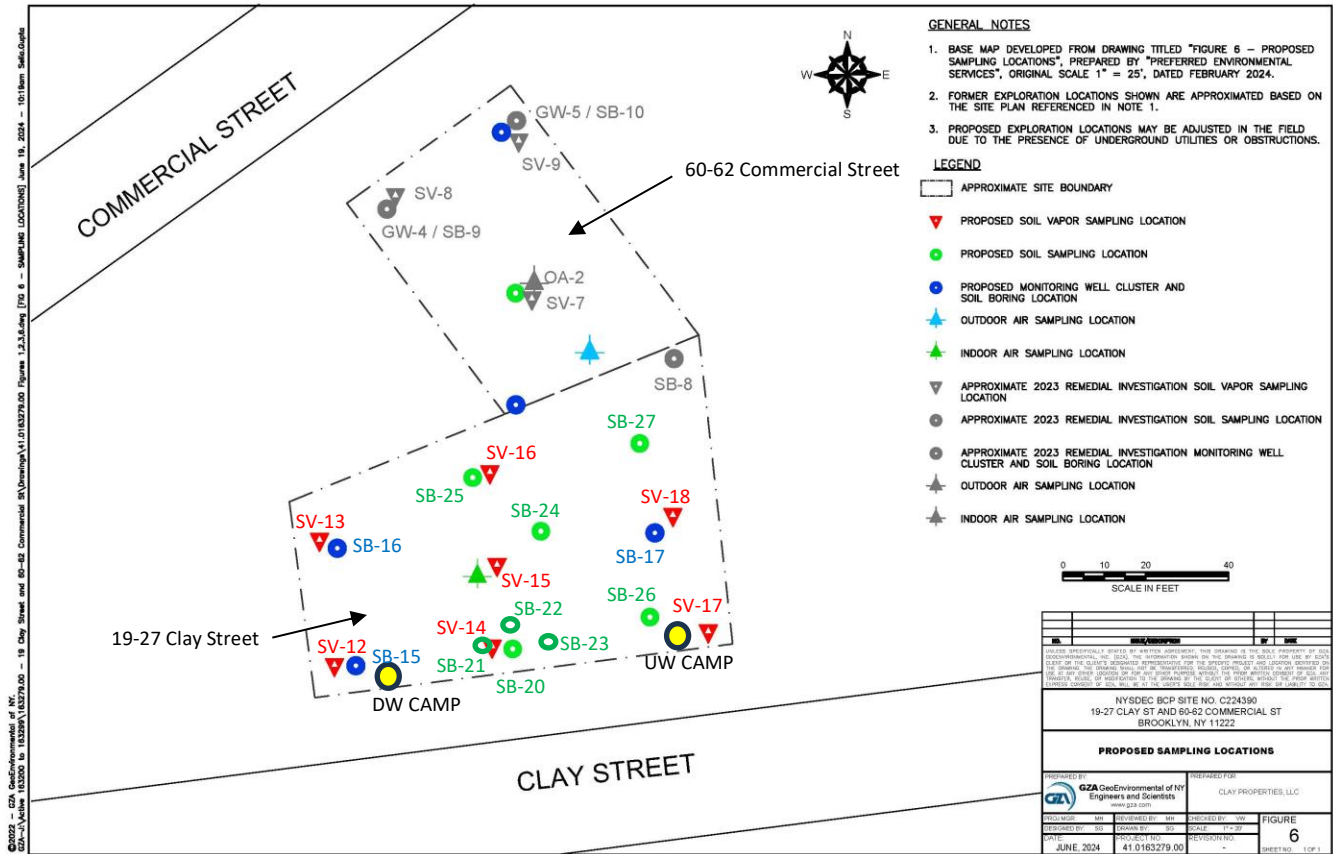
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 004

DATE: 8/9/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN




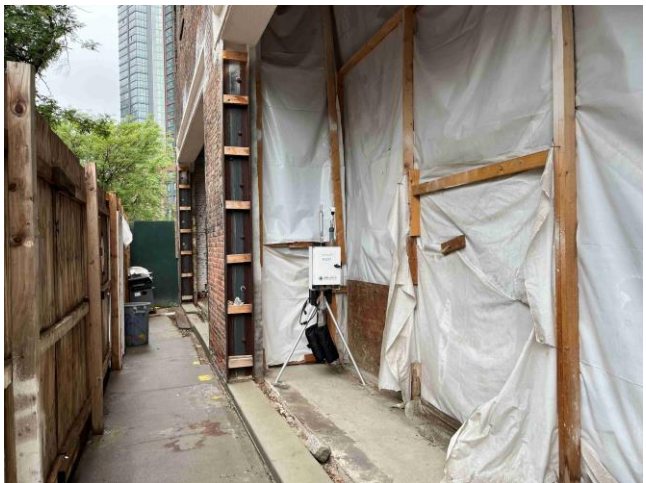




GZA DAILY FIELD SUMMARY 004

DATE: 8/9/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: Northeast	Photo No. 2	Direction Photo Taken N/A
			
Description: Coastal Environmental drilling SB-27.		Description: GZA screening soil for VOCs with handheld PID.	
Photo No. 3	Direction Photo Taken: N/A	Photo No. 4	Direction Photo Taken West
			
Description: Clay layer from 18-20' feet below ground surface in SB-26.		Description: CAMP station set up at site perimeter.	



GZA DAILY FIELD SUMMARY 004

DATE: 8/9/2024

FILE NO: 41.0163279.00

ATTACHMENT C – AIR MONITORING

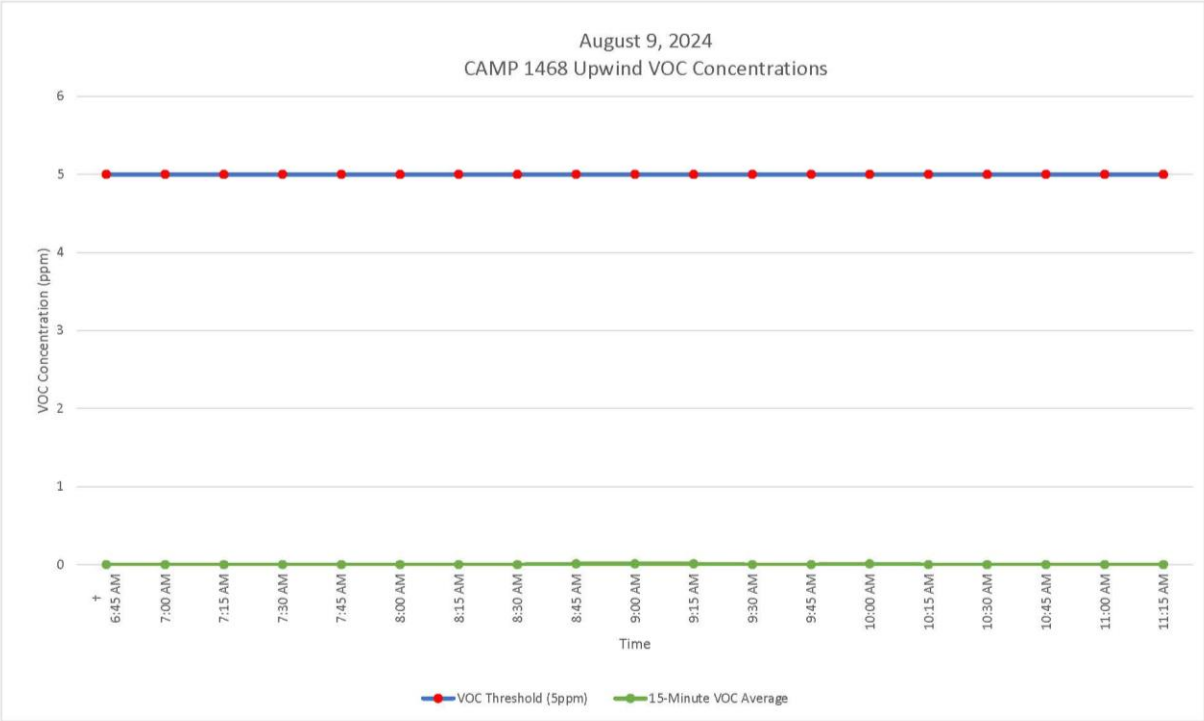
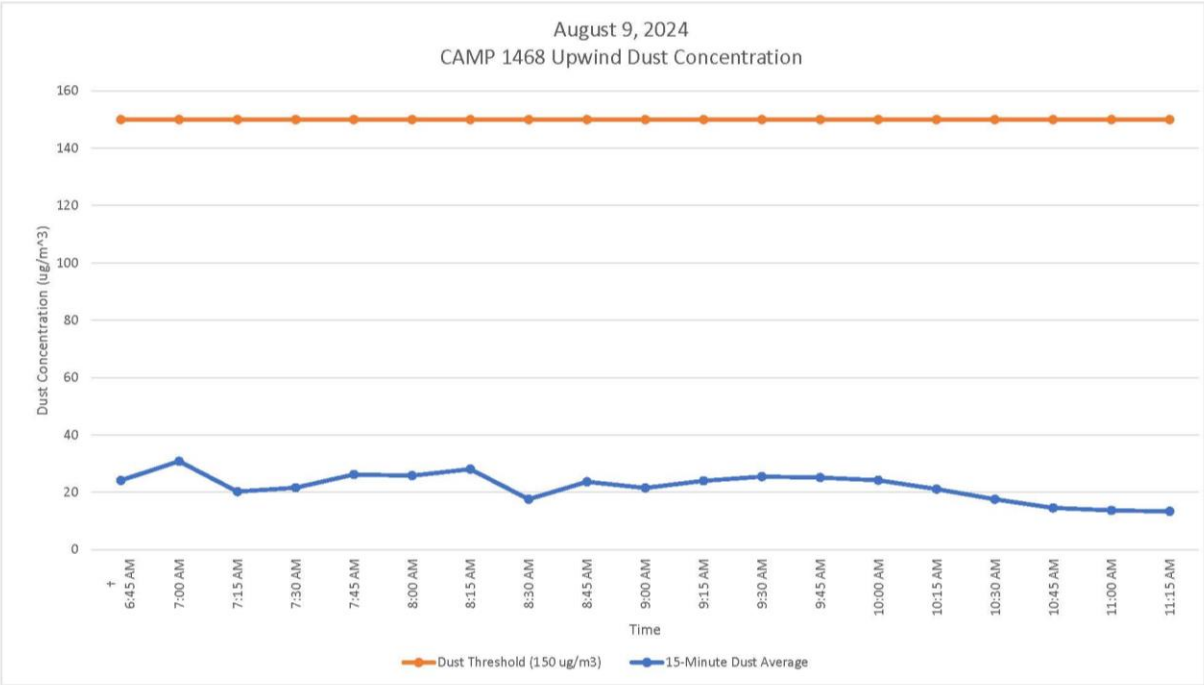
Daily Instrument Calibration Log

Date: August 9, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163279.00		Project Name: 19 Clay Street	
Instruments Used:			
Station 1		AirLogics Station 1454	
Station 2		AirLogics Station 1468	
Hand Held		PID Model 580 SN: 592-602785	
Hand Held		SidePak SN: 853214707	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 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: 0.0		Data Ram 1: 35.35	
PID 2: 0.0		Data Ram 2: 24.13	



GZA DAILY FIELD SUMMARY 004

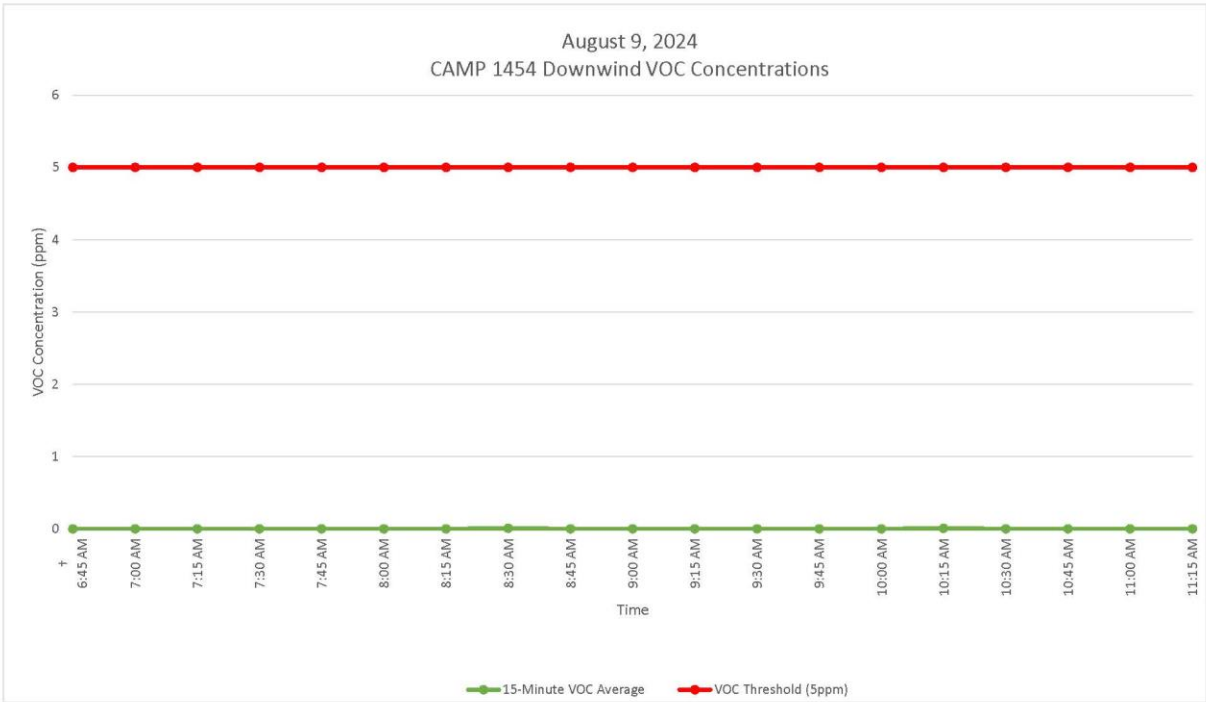
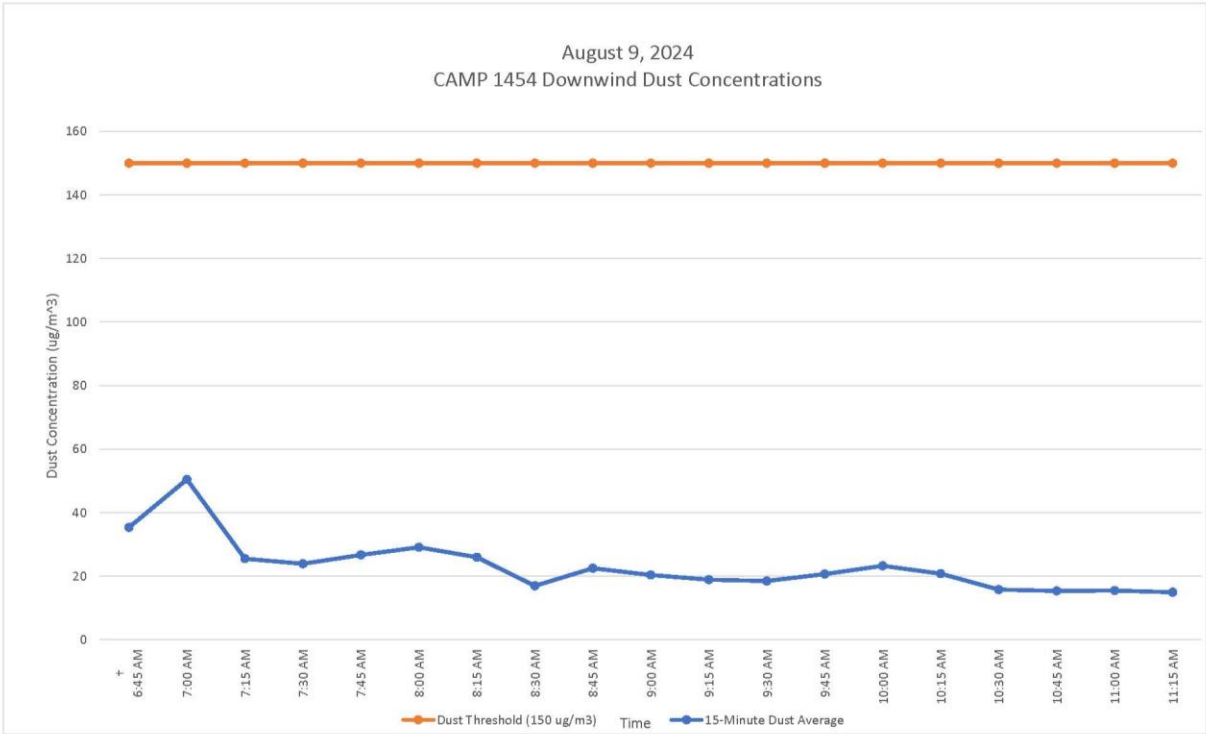
DATE: 8/9/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 004

DATE: 8/9/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 004

DATE: 8/12/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Sunny
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	74.57 °F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	54.35 °F
		MAX WIND SPEED	25 mph from N
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.0 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Monday, August 12, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro/Anthony Morano	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 004

DATE: 8/12/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Monday – 8/12/2024

Work Location (Attachment A):

1. GZA collected 5 soil vapor samples (SV-19 to 23), a duplicate at the location of SV-23, and an ambient outdoor air (OA-04) for VOCs analysis (TO-15). The soil vapor samples were collected at a depth of 4 feet below ground surface. The outdoor air sample was collected approximately 3 feet above ground surface. All soil vapor samples were purged using an air sampling pump and passed a helium tracer test prior to sampling. Sampling locations are shown on **Attachment A**. No intrusive site work was performed.
2. 140-feet of 5.5" steel casing was delivered to the Site in preparation for monitoring well installation that requires intervals of casing.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- MGD-2002 Dielectric Helium Detector
- GilAir Plus Air Sampling Pump

VAPOR SAMPLES COLLECTED (SINCE LAST REPORT)

- SV-19, SV-20, SV-21, SV-22, and SV-23+duplicate
- OA-04

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

AIR MONITORING RESULTS:

No intrusive site work was performed. CAMP was not set up for the aforementioned tasks.

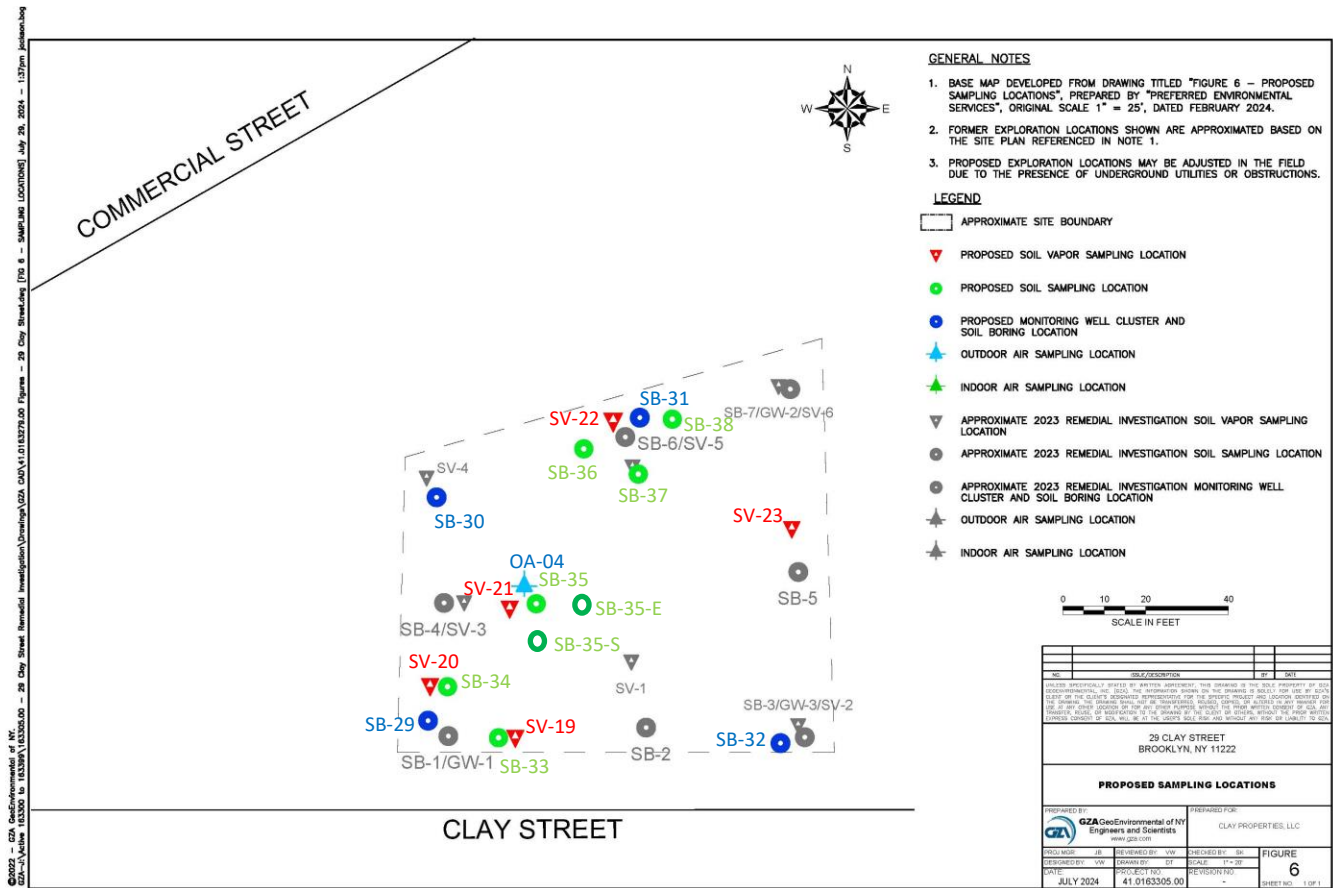
A handheld PID was utilized during soil vapor sampling as shown on the calibration sheet in **Attachment C**.



GZA DAILY FIELD SUMMARY 004

DATE: 8/12/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 004

DATE: 8/12/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

<div>Photo No. 1</div>	<div>Direction Photo Taken: N/A</div>	<div>Photo No. 2</div>	<div>Direction Photo Taken N/A</div>
			
<div>Description: GZA purging soil vapor tubing with GilAir Air Sampling Pump prior to soil vapor sampling.</div>		<div>Description: GZA performing helium tracer test prior to soil vapor sampling.</div>	
<div>Photo No. 3</div>	<div>Direction Photo Taken: East</div>	<div>Photo No. 4</div>	<div>Direction Photo Taken East</div>
			
<div>Description: SV-23 and associated duplicate sample set - up.</div>		<div>Description: Outdoor air sample OA-04 set-up.</div>	



GZA DAILY FIELD SUMMARY 004

DATE: 8/12/2024
FILE NO: 41.0163305.00

Daily Instrument Calibration Log

Date: August 12, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454 - Not Used</u>			
Station 2 <u>AirLogics Station 1468 - Not Used</u>			
Hand <u>PID Model 580</u> SN: 592-602785			
Held <u>SidePak - not used</u> SN: 853214707			
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 type="checkbox"/> NO	
2 <input type="checkbox"/> YES <input 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 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 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 type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary			
2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary			
Data Rams:			
1 <input type="checkbox"/> Data			
2 <input type="checkbox"/> Data			
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1: <u>0.00</u>		Data Ram 1: _____	
PID 2: _____		Data Ram 2: _____	



GZA DAILY FIELD SUMMARY 005

DATE: 8/12/2024
FILE NO: 41.0163279.00

PROJECT:

CLIENT:

PREPARED BY:

REVIEWED BY:

ATTACHMENTS:

19-27 Clay and 60-62 Commercial Street
RI – C224390

Clay Properties, LLC

Jackson Bogach (GZA)

Mark Hutson (GZA)

A – Site Plan
B – Photo Log
C – Daily Calibration and Air Monitoring Logs

LOCATION:

WEATHER:

AVE. TEMPERATURE

AVE. DEW POINT

MAX WIND SPEED

PRECIPITATION

Brooklyn, New York

Sunny

74.57 °F

54.35 °F

25 mph from N

0.0 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Monday, August 12, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro, Anthony Morano	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 005

DATE: 8/12/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Monday – 8/12/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. installed a shallow monitoring well with a screening depth of 5-15 feet below the ground surface at MW-02. Prior to drilling MW-02, Coastal Environmental attempted to install a shallow monitoring well at MW-01. During drilling at MW-01, the lead auger became lodged and split in half 6 feet below the ground surface during the auger retrieval process. Coastal Environmental temporarily stepped out of the MW-01 location due to the obstruction. The location of the monitoring well locations are shown on **Attachment A**.
2. 140-feet of 5.5" steel casing was delivered to the Site in preparation for monitoring well installation that requires intervals of casing.
3. GZA observed and documented the well installation process.

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 (1454–Downwind, 1468– Upwind) with remote telemetry system
- Geoprobe 7720DT

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.03 ppm, Particulates: 17.02 ug/m³

High Conditions – PID: 0.03 ppm, Particulates: 46.63 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

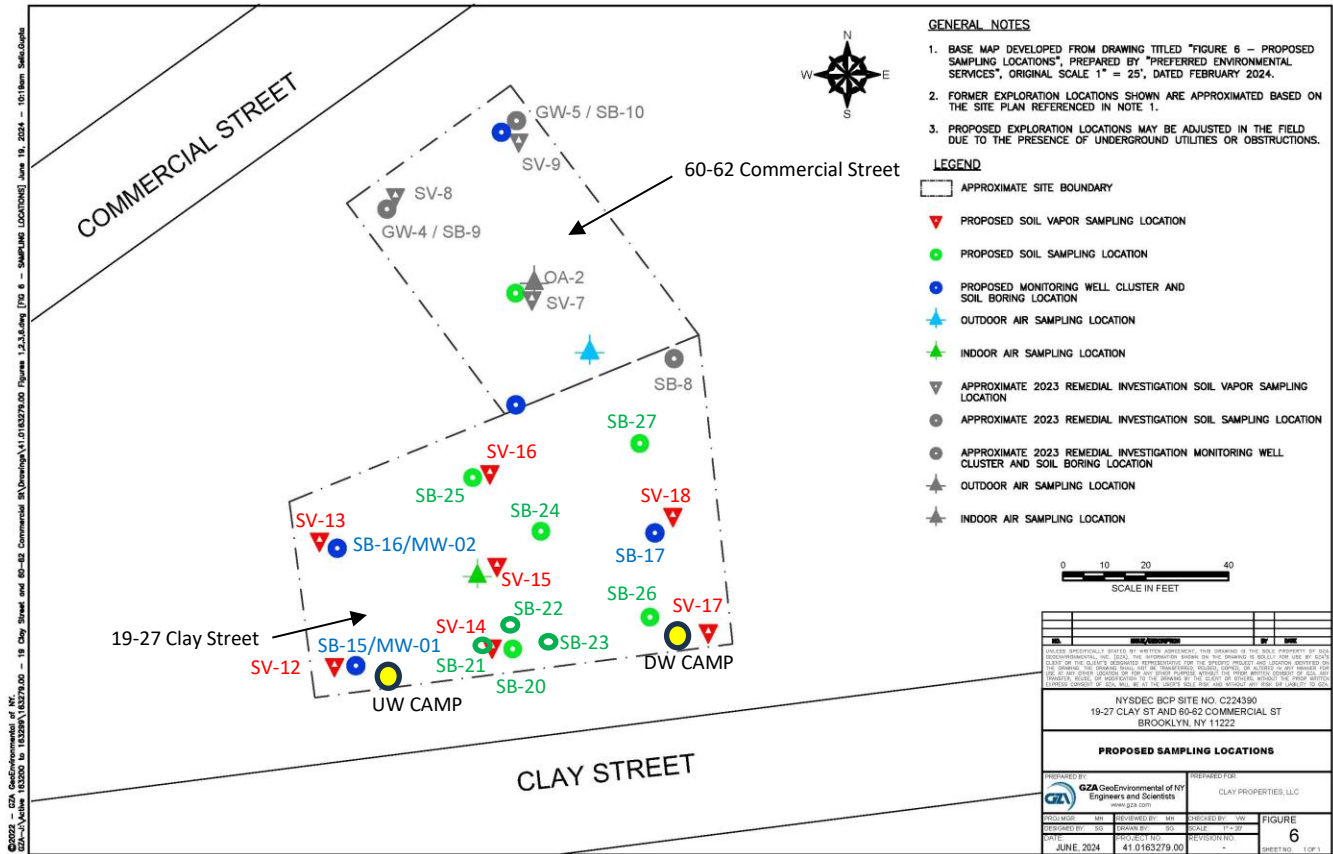
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 005

DATE: 8/12/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN





GZA DAILY FIELD SUMMARY 005

DATE: 8/12/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: Southwest	Photo No. 2	Direction Photo Taken North
			
Description: Coastal Environmental attempting to install MW-01.		Description: Coastal Environmental setting up equipment to install MW-02.	
Photo No. 3	Direction Photo Taken: South	Photo No. 4	Direction Photo Taken N/A
			
Description: Delivery of steel casing for monitoring well installation.		Description: Installed MW-02 screened from 5-15 feet below ground surface.	



GZA DAILY FIELD SUMMARY 005

DATE: 8/12/2024
FILE NO: 41.0163279.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

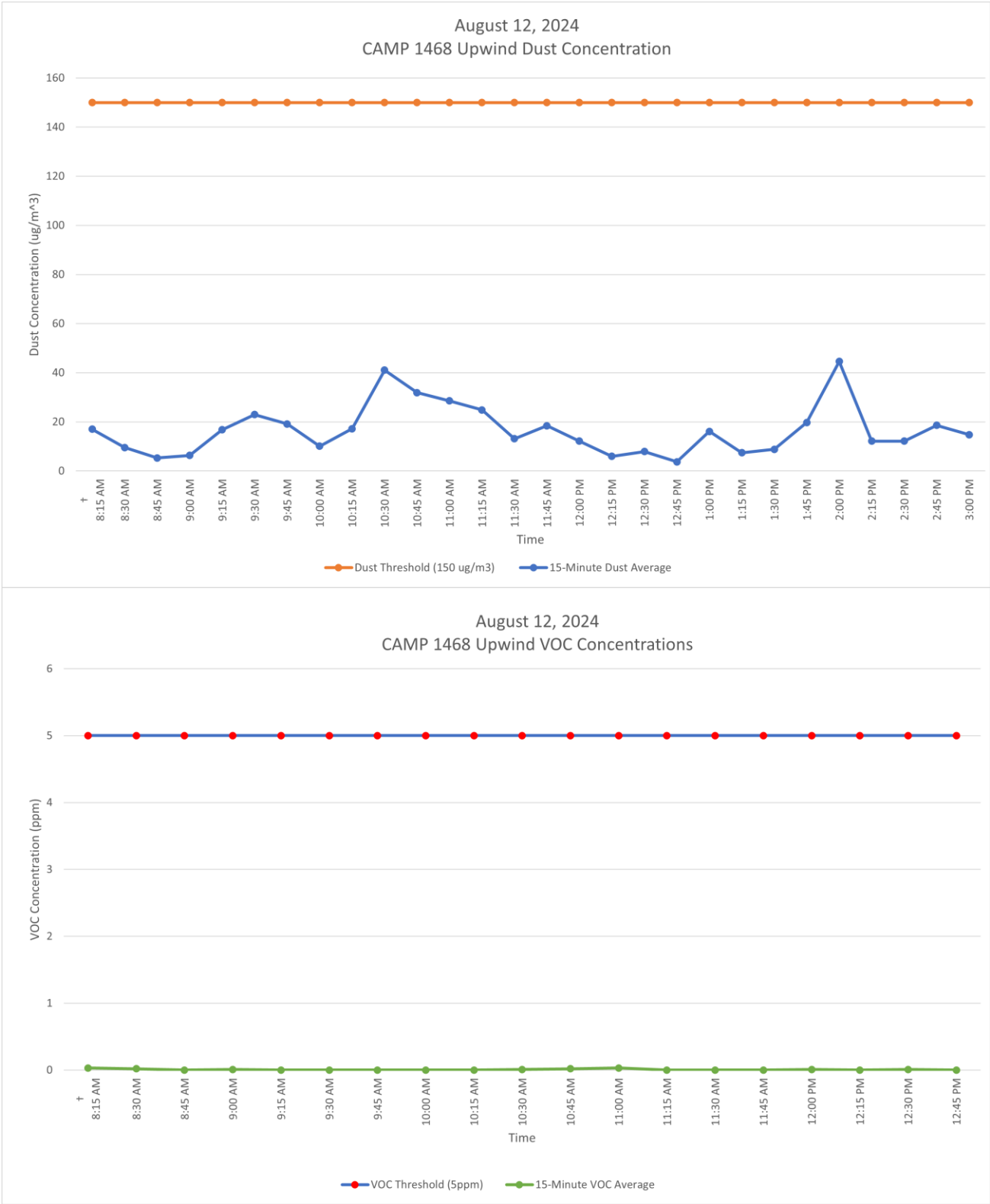
Date: August 12, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163279.00		Project Name: 19 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand Held <u>PID Model 580</u> <u>SN: 592-602785</u>			
SidePak <u>SN: 853214707</u>			
Pre-Calibration/Standardization:			
Zero		Repair Needed: Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 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>0.02</u>		Data Ram 1: <u>16.06</u>	
PID 2: <u>0.03</u>		Data Ram 2: <u>17.02</u>	

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



GZA DAILY FIELD SUMMARY 005

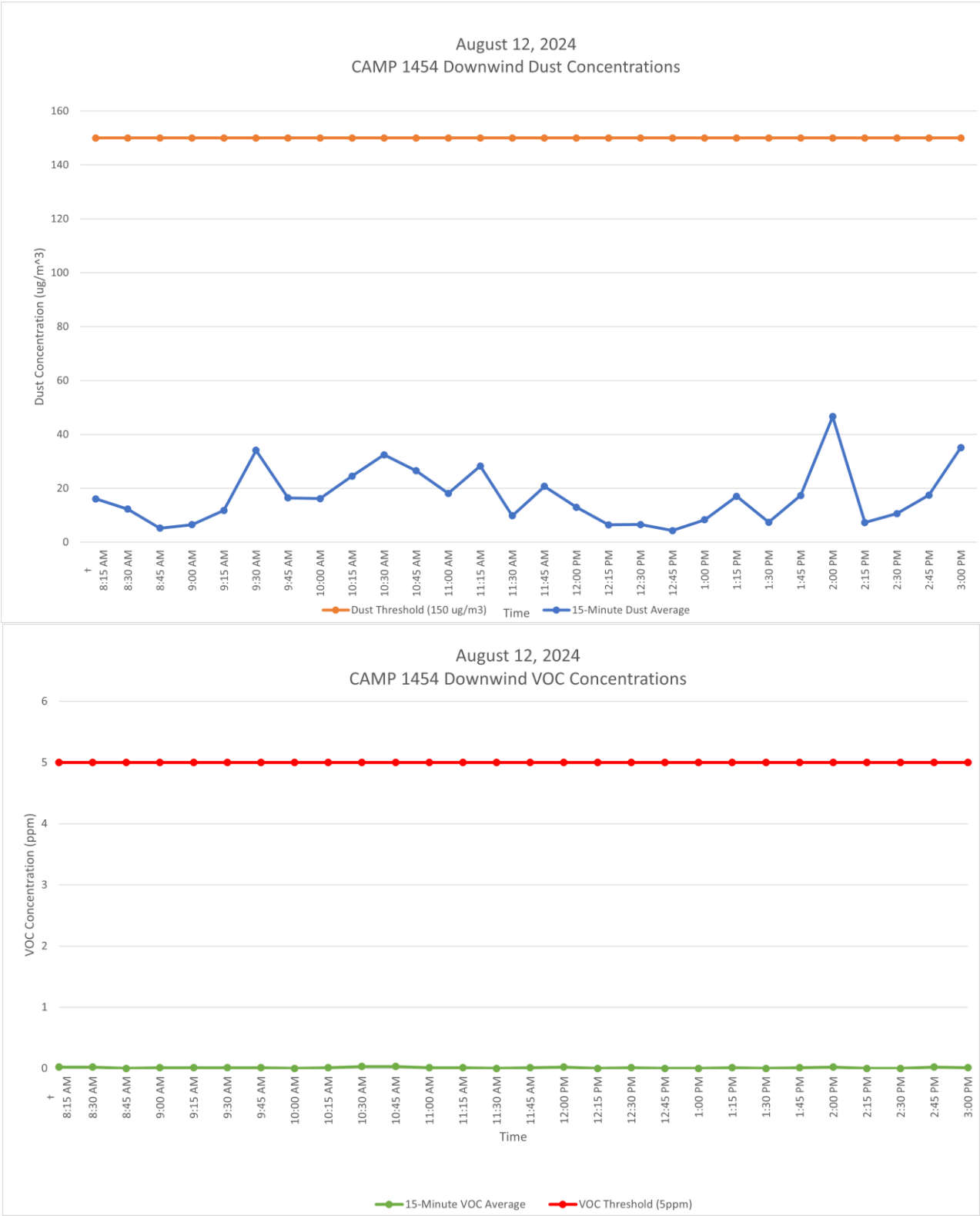
DATE: 8/12/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 005

DATE: 8/12/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 006

DATE: 8/13/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Sunny/Clear
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	73.70 °F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	54.45 °F
		MAX WIND SPEED	13 mph from NNW
		PRECIPITATION	0.01 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Tuesday, August 13, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 006

DATE: 8/13/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 8/13/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. (Coastal) continued drilling soil boring SB-16 from 25-45 feet below ground surface to characterize the soil at these depths. The location of the soil boring is shown on **Attachment A**.
2. Coastal continued drilling MW-02 to install the intermediate and deep screened intervals. Obstructions, including brick and concrete, were encountered in the subsurface during drilling. The intermediate and deep screened interval monitoring wells will continue to be installed tomorrow, August 14.
3. GZA observed and documented the soil boring and well installation process. GZA collected a VOC delineation sample from SB-16.

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 (1454–Downwind, 1468– Upwind) with remote telemetry system
- Geoprobe 7720DT

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-16 (45') – VOCs only

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 9.22 ug/m³

High Conditions – PID: 0.13 ppm, Particulates: 52.45 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

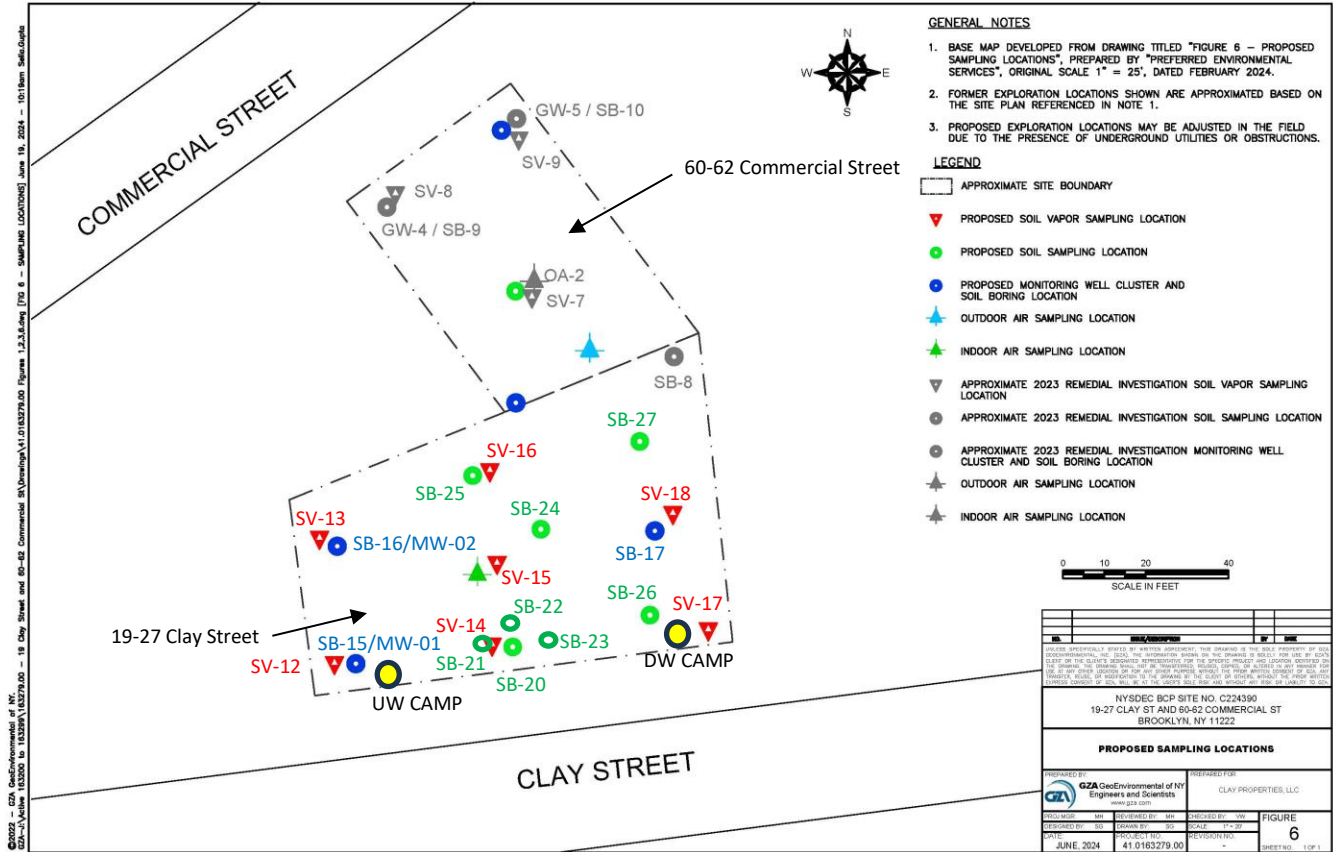
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 006

DATE: 8/13/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN

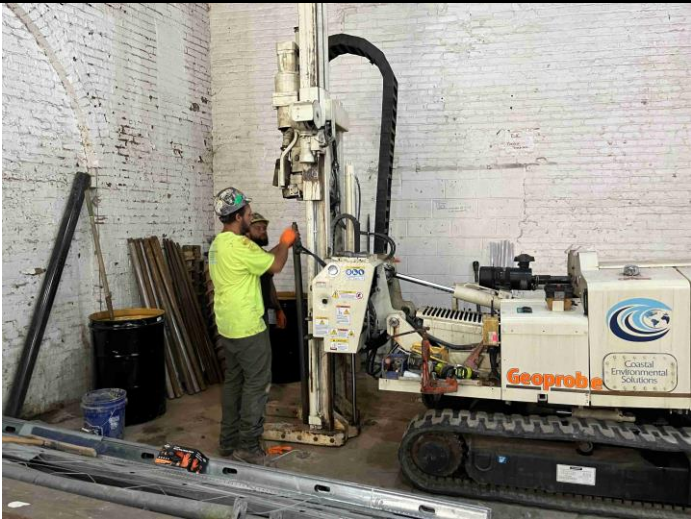







GZA DAILY FIELD SUMMARY 006

DATE: 8/13/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: North	Photo No. 2	Direction Photo Taken N/A
			
Description: Coastal Environmental drilling SB-16.		Description: GZA collecting VOC sample at 45 feet below ground surface in SB-16.	
Photo No. 3	Direction Photo Taken: Southwest	Photo No. 4	Direction Photo Taken North
			
Description: Coastal drilling MW-02 using augers.		Description: Coastal attempting to move obstructions from MW-02 borehole using hand tools.	



GZA DAILY FIELD SUMMARY 006

DATE: 8/13/2024
FILE NO: 41.0163279.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

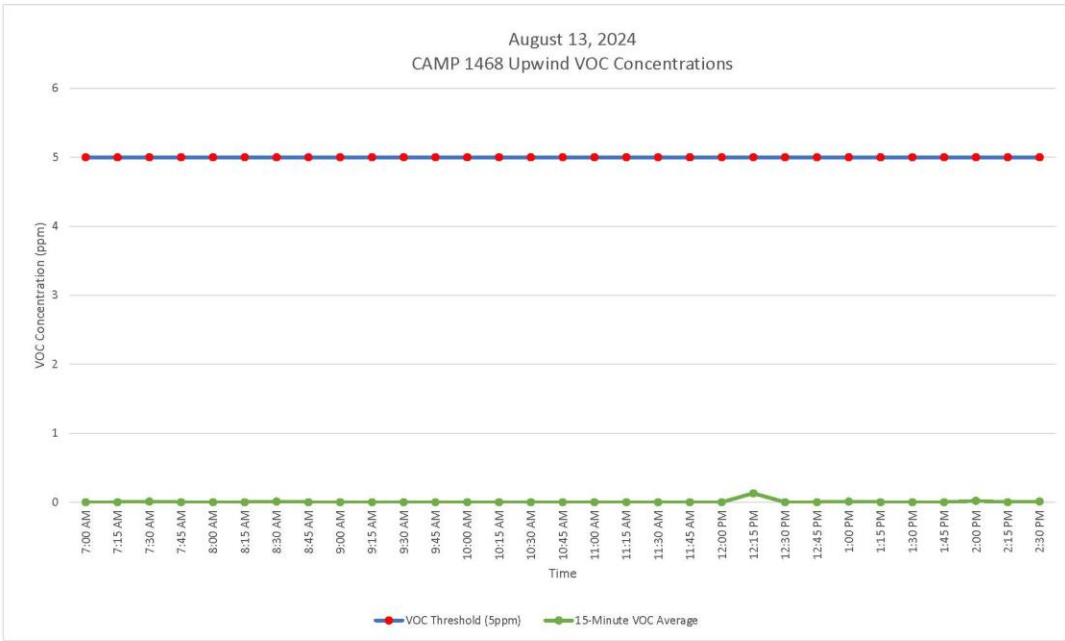
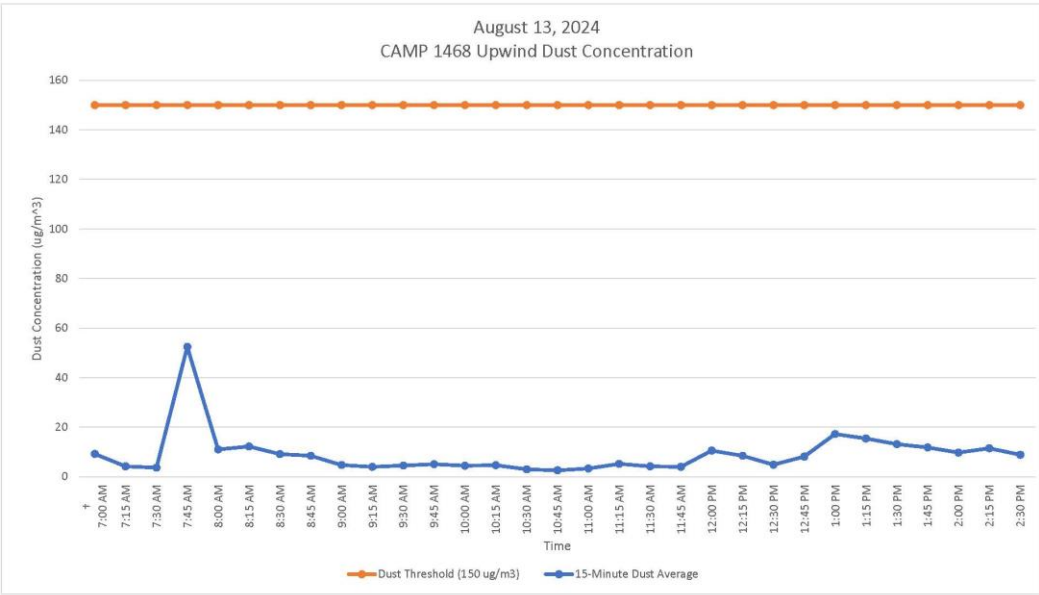
Date: August 13, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163279.00		Project Name: 19 Clay Street	
Instruments Used:			
Station 1 AirLogics Station 1454			
Station 2 AirLogics Station 1468			
Hand Held PID Model 580 SN: 592-602785			
SidePak SN: 853214707			
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 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: 0.00		Data Ram 1: 8.95	
PID 2: 0.00		Data Ram 2: 9.22	

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



GZA DAILY FIELD SUMMARY 006

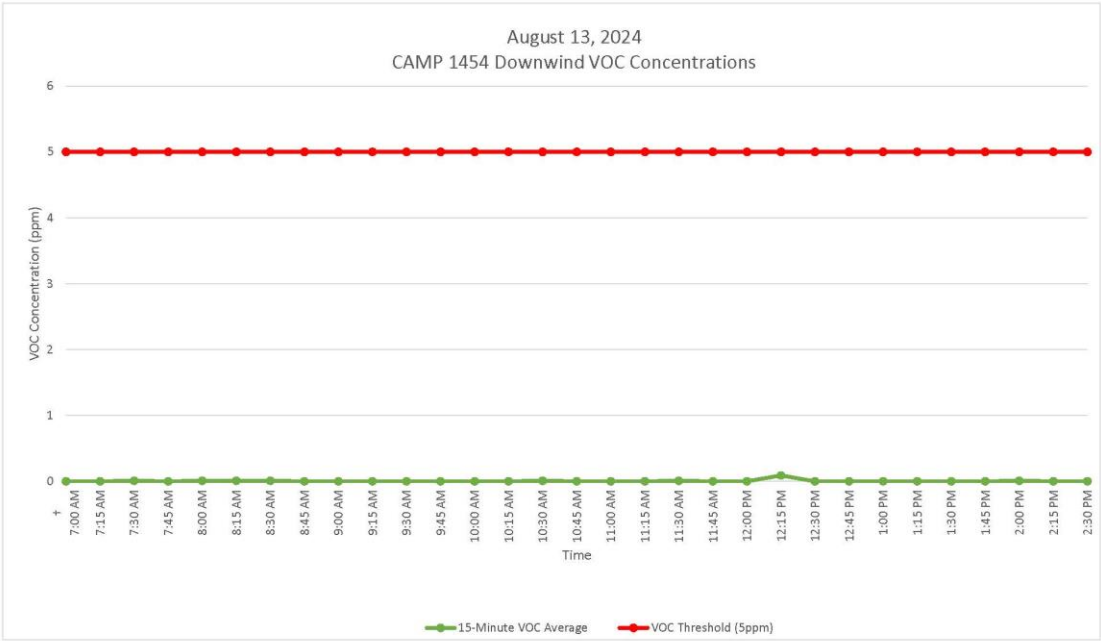
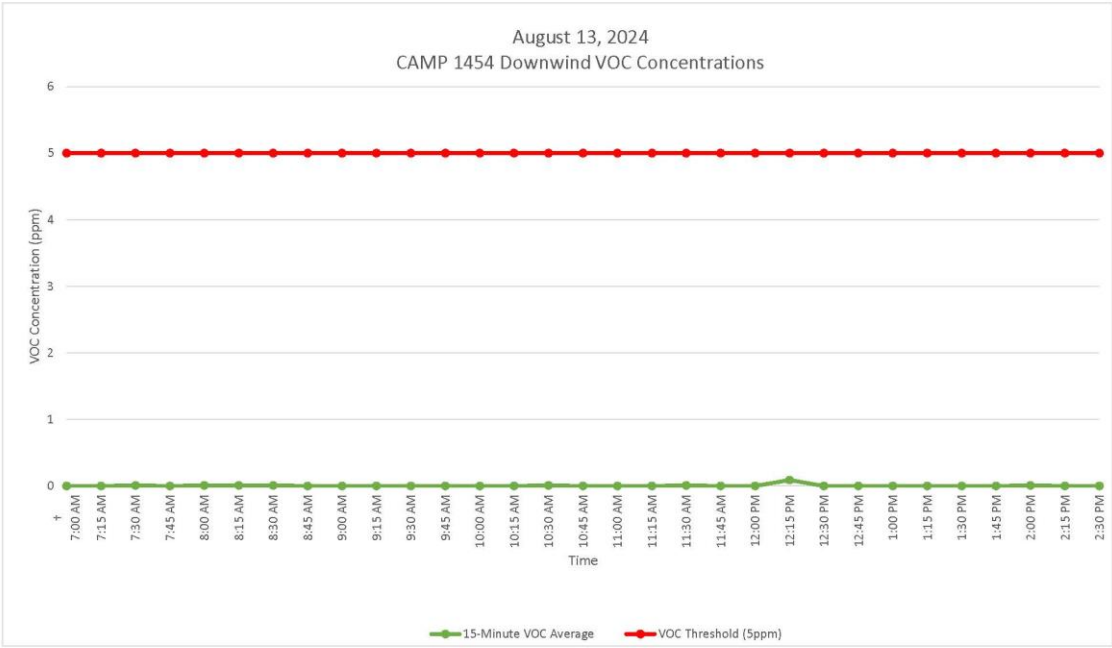
DATE: 8/13/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 006

DATE: 8/13/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 007

DATE: 8/14/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Sunny/Clear
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	76.94°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	58.59°F
		MAX WIND SPEED	12 mph from NNW
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Wednesday, August 14, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro	
SITE VISITORS:	New York State Department of Environmental Conservation – Jane O’Connell, Jennifer Gonzales, Andre Obligado	



GZA DAILY FIELD SUMMARY 007

DATE: 8/14/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 8/14/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. (Coastal) drilled the shallow interval monitoring well for MW-03-S, screened from 5-15 feet below ground surface. Coastal attempted to drill the intermediate and deep monitoring wells for MW-02; however, refusal was encountered twice and drilling ceased at this location for the day. The location monitoring wells are shown on **Attachment A**.
2. Coastal drilled SB-18 to 40 feet below ground surface.
3. GZA observed and documented the soil boring and monitoring well drilling/installation, logged soil borings, and collected soil samples for laboratory analysis.

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 (1454–Downwind, 1468– Upwind) with remote telemetry system
- Geoprobe 7722DT

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-18 (1-3'), SB-18 (5-7')

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-18 (36') – VOC only

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 19.86 ug/m³

High Conditions – PID: 0.03 ppm, Particulates: 31.85 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

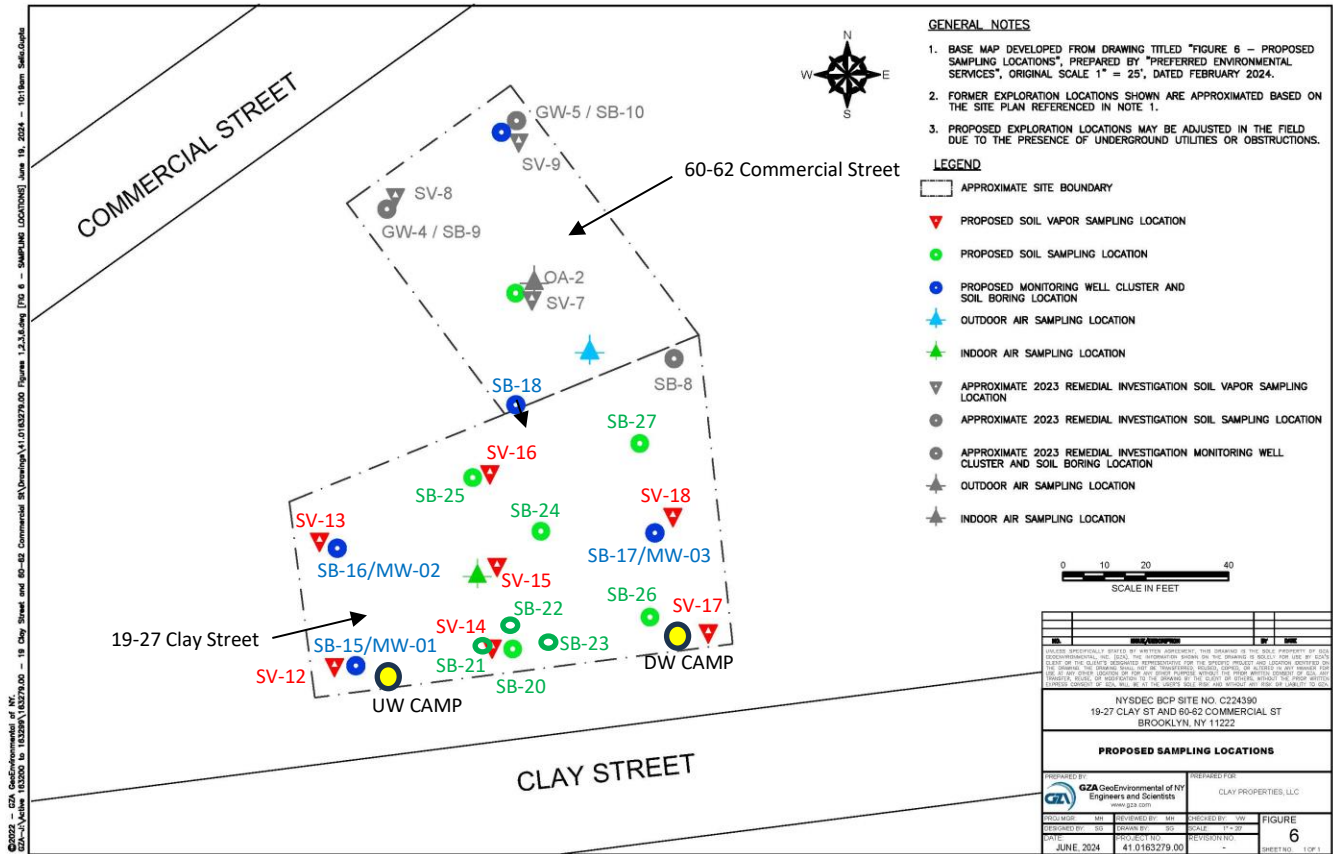
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 007

DATE: 8/14/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN

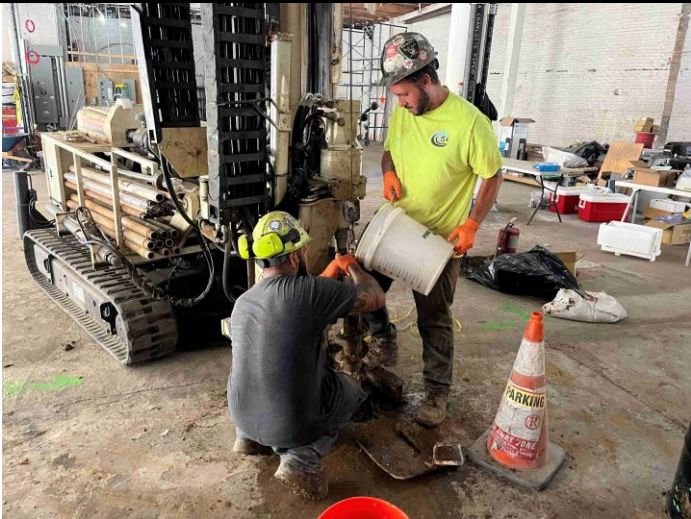

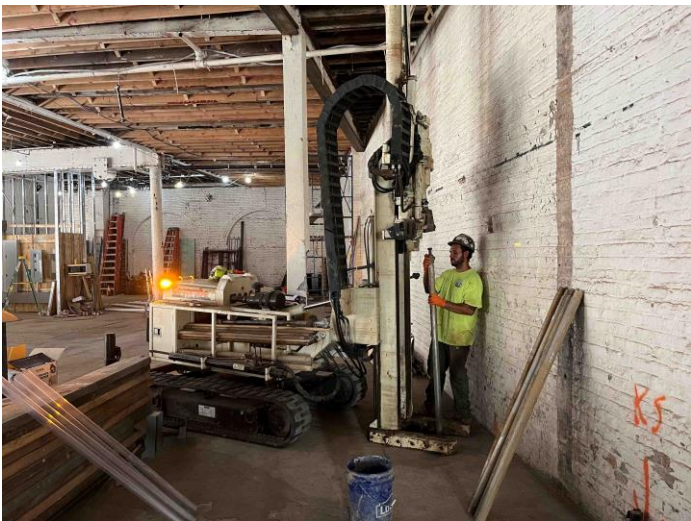





GZA DAILY FIELD SUMMARY 007

DATE: 8/14/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: West	Photo No. 2	Direction Photo Taken South
			
Description: Coastal Environmental installing MW-03-S.		Description: Installed MW-03-S, screened from 5-15 feet below ground surface.	
Photo No. 3	Direction Photo Taken: West	Photo No. 4	Direction Photo Taken West
			
Description: Coastal drilling SB-18.		Description: Clay layer encountered in SB-18 at approximately 37-38 feet below ground surface.	



GZA DAILY FIELD SUMMARY 007

DATE: 8/14/2024
FILE NO: 41.0163279.00

ATTACHMENT C – AIR MONITORING

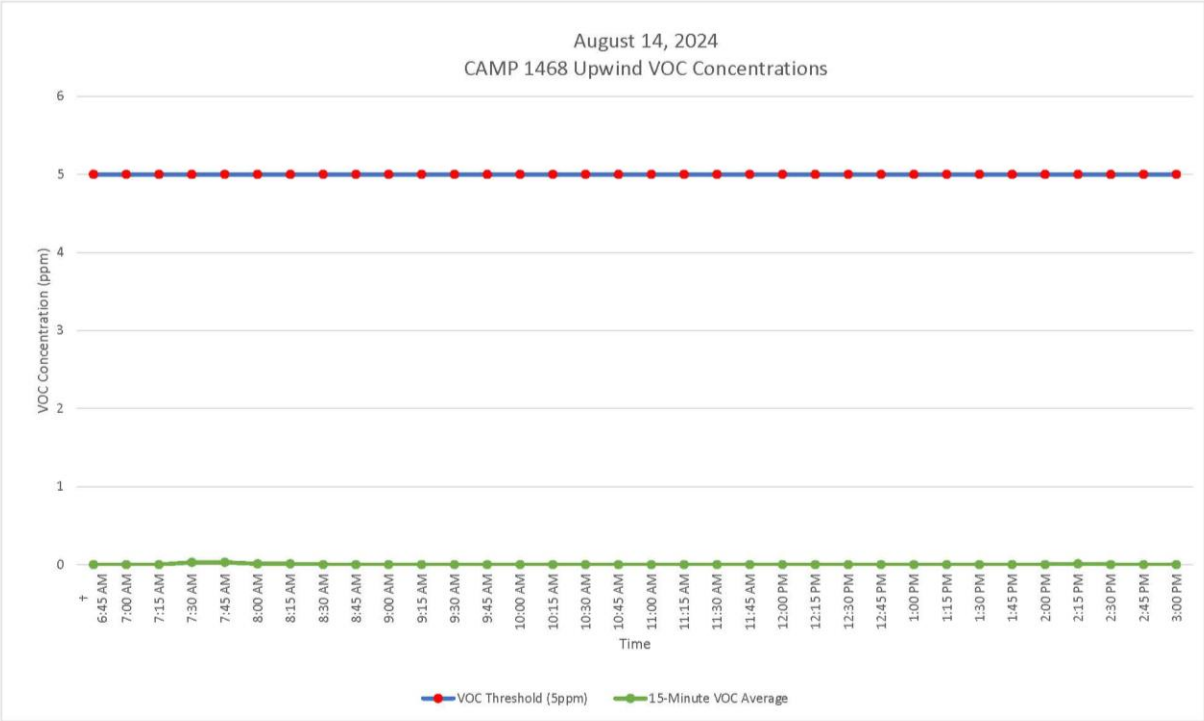
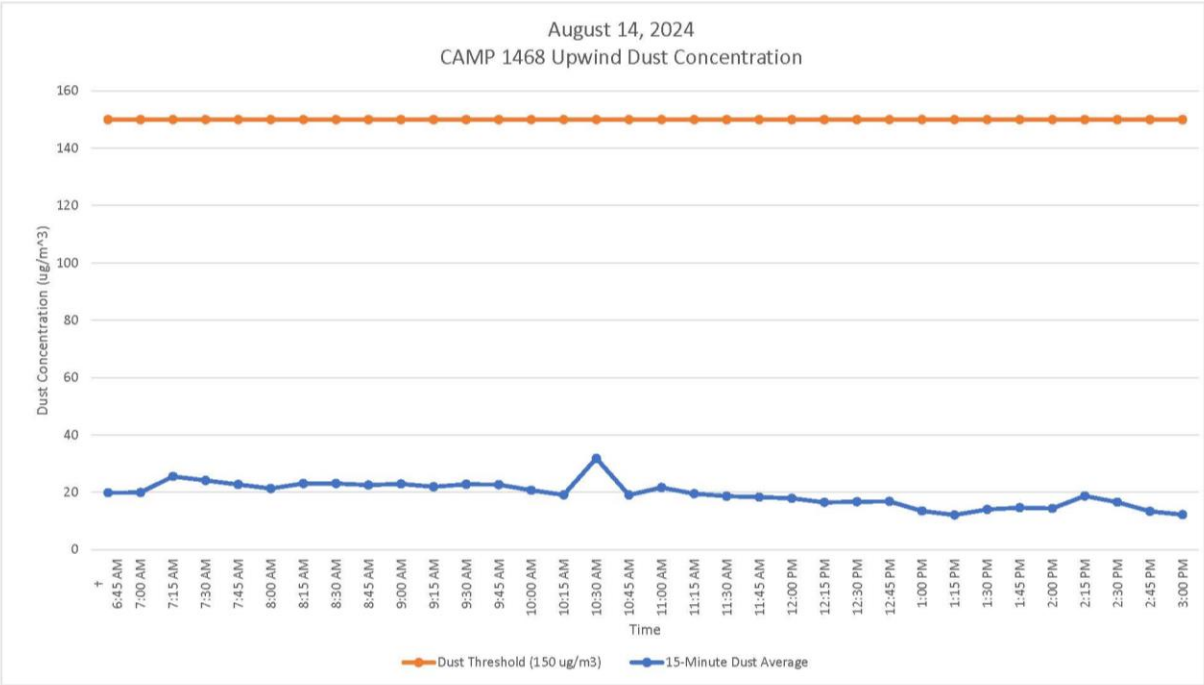
Daily Instrument Calibration Log

Date: August 14, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163279.00		Project Name: 19 Clay Street	
Instruments Used:			
Station 1		AirLogics Station 1454	
Station 2		AirLogics Station 1468	
Hand Held		PID Model 580 SN: 592-602785	
Hand Held		SidePak SN: 853214707	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 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: 0.0		Data Ram 1: 22.87	
PID 2: 0.0		Data Ram 2: 19.86	



GZA DAILY FIELD SUMMARY 007

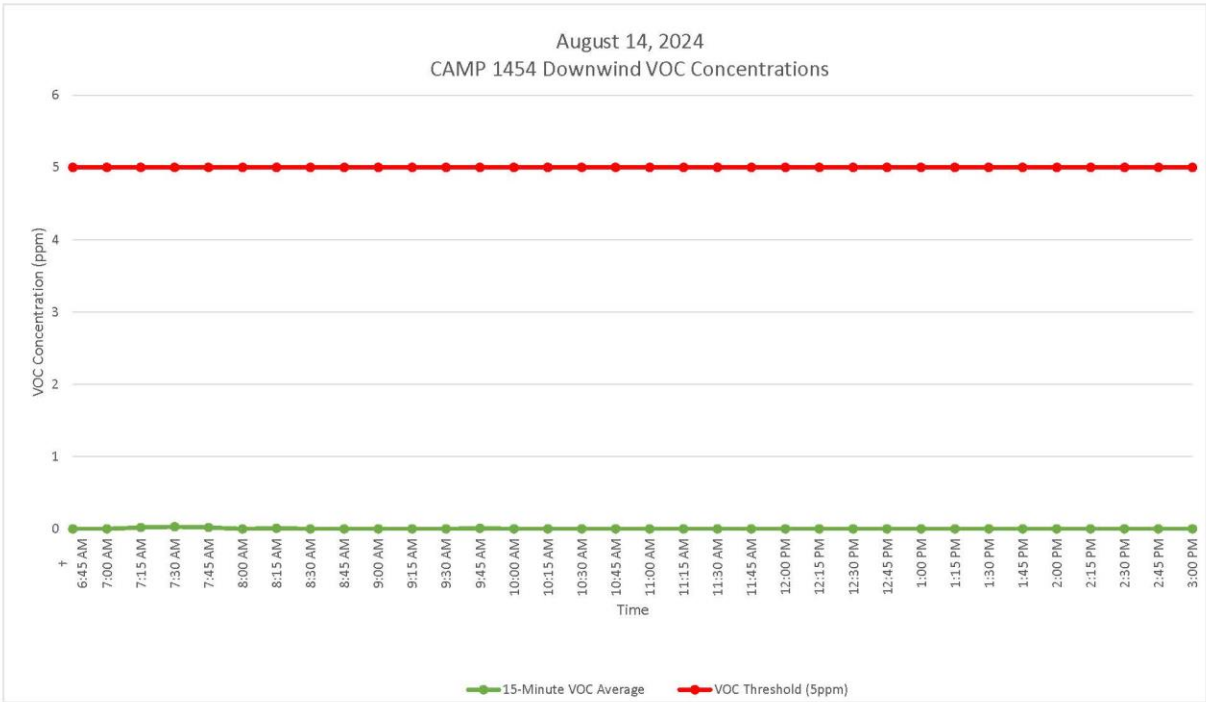
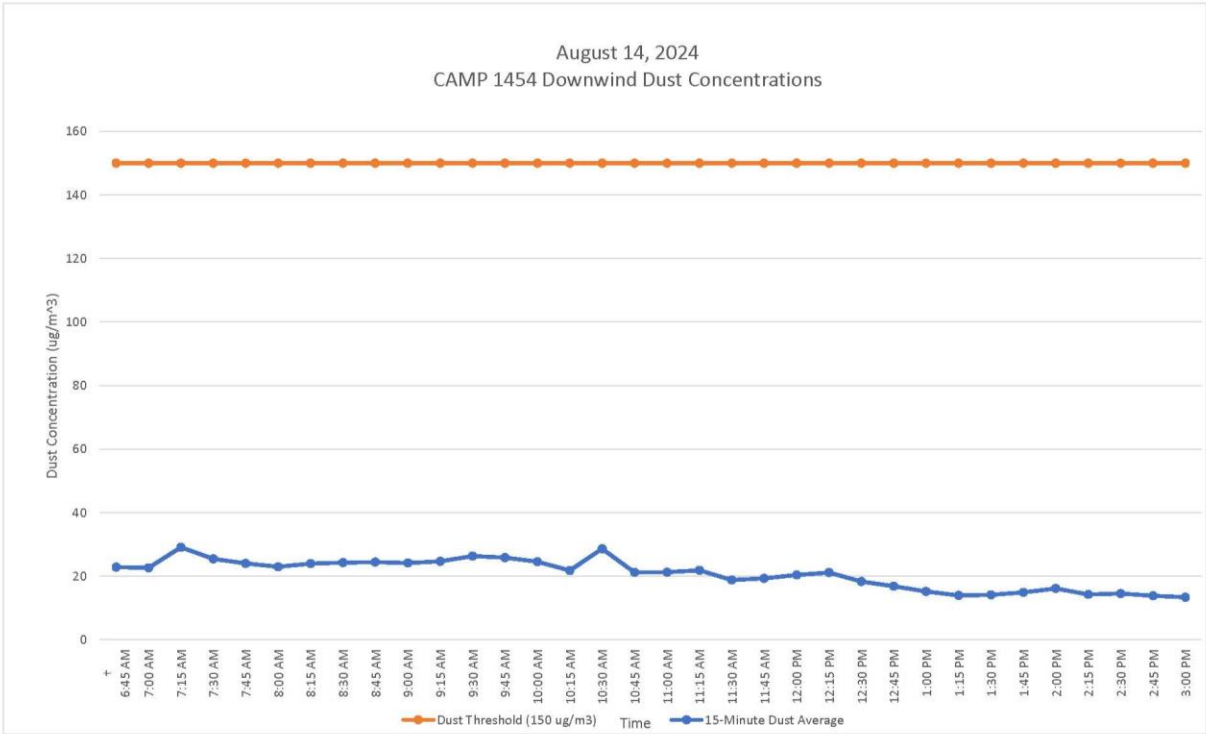
DATE: 8/14/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 007

DATE: 8/14/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 008

DATE: 8/15/2024
FILE NO: 41.0163279.00

PROJECT:

CLIENT:

PREPARED BY:

REVIEWED BY:

ATTACHMENTS:

19-27 Clay and 60-62 Commercial Street
RI – C224390

Clay Properties, LLC

Jackson Bogach (GZA)

Mark Hutson (GZA)

A – Site Plan
B – Photo Log
C – Daily Calibration and Air Monitoring Logs

LOCATION:

WEATHER:

AVE. TEMPERATURE

AVE. DEW POINT

MAX WIND SPEED

PRECIPITATION

Brooklyn, New York

Sunny/Clear

78.06°F

58.59°F

7 mph from NW

0.00 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Thursday, August 15, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Mark Frey
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro, John Slavin	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 008

DATE: 8/15/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Thursday – 8/15/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. (Coastal) drilled soil boring, SB-19 to 45 feet below ground surface (ft bgs) and SB-28 to 20 ft bgs. The location of the soil borings are shown on **Attachment A**.
2. Coastal installed MW-02-M, screened from 15-25 ft bgs, and MW-04-M, screened from 13-23 ft bgs. Coastal attempted to install deep borings, from 25-35 ft bgs at both MW-02 and MW-04, but refusal was encountered at approximately 25 ft bgs at both locations.
3. GZA observed and documented the soil boring and monitoring well drilling/installation, logged soil borings, and collected soil samples for laboratory analysis.

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 (1454–Downwind, 1468– Upwind) with remote telemetry system
- Geoprobe 7722DT
- Geoprobe 7822DT

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-19 (1-3'), SB-19 (4-6')
- SB-28 (1-3') + blind duplicate, SB-28 (4-6') + matrix spike & matrix spike duplicate

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-19 (13') – VOC only
- SB-19 (36') – VOC only
- SB-28 (20') – VOC only

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 26.01 ug/m³

High Conditions – PID: 0.02 ppm, Particulates: 26.01 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

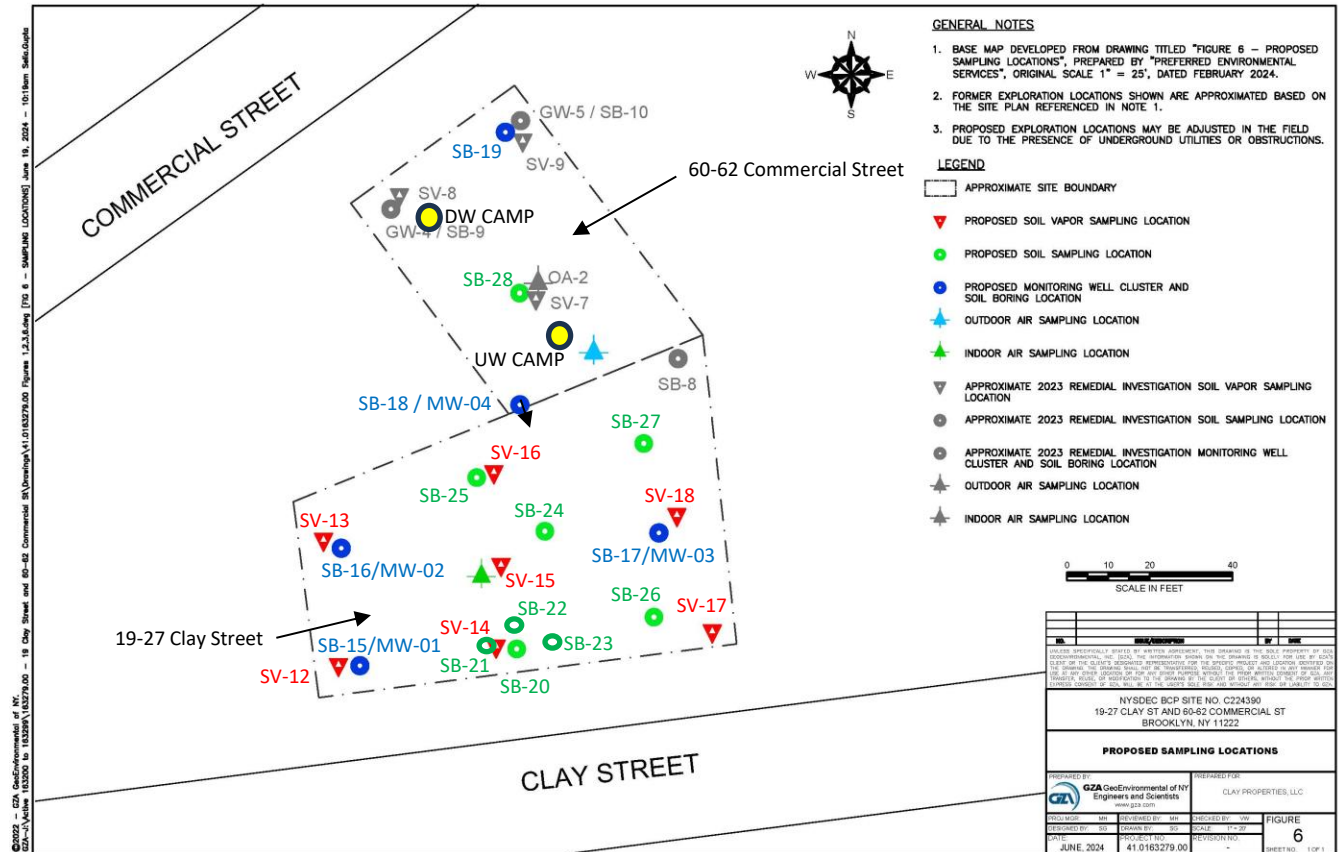
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 008

DATE: 8/15/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN

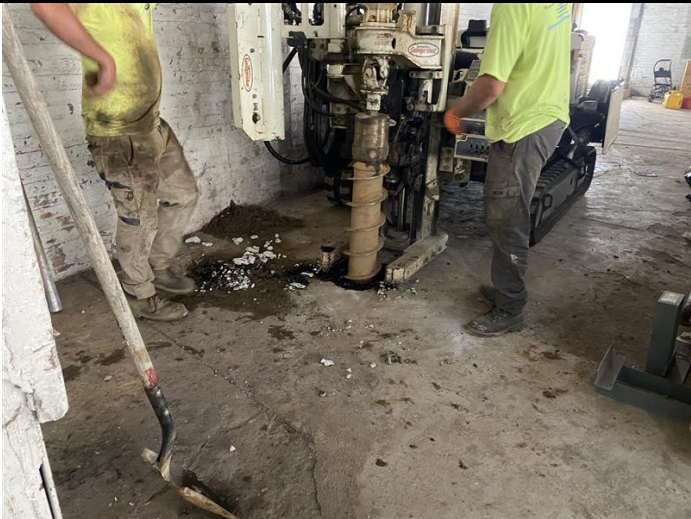
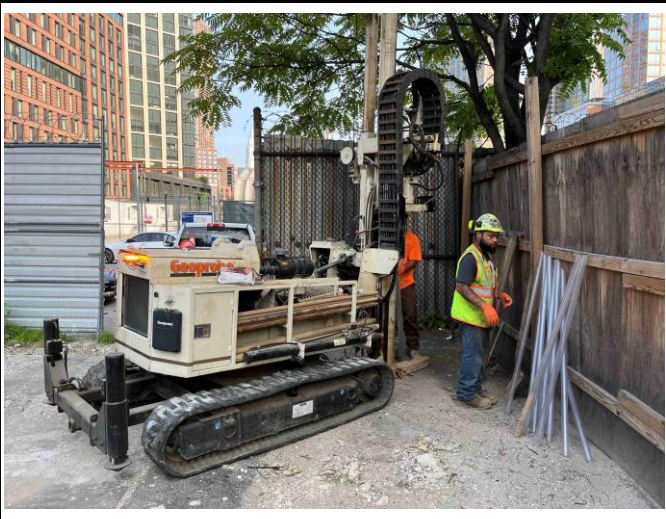






GZA DAILY FIELD SUMMARY 008

DATE: 8/15/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken North
		Description: Coastal drilling SB-19.	
Description: Coastal Environmental installing MW-04-M.			
Photo No. 3	Direction Photo Taken: West	Photo No. 4	Direction Photo Taken N/A
		Description: Fill layer in SB-19.	
Description: Coastal drilling SB-28. The downwind CAMP station is shown in the back of the photo.			



GZA DAILY FIELD SUMMARY 008

DATE: 8/15/2024
FILE NO: 41.0163279.00

ATTACHMENT C – AIR MONITORING

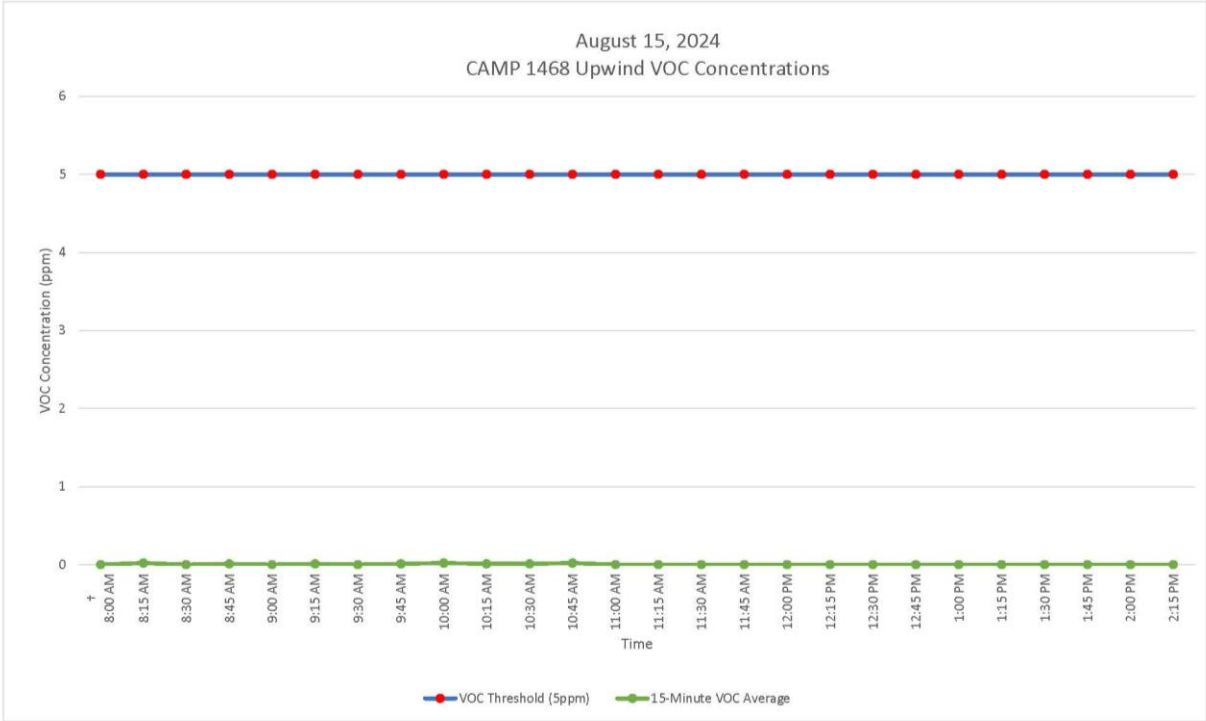
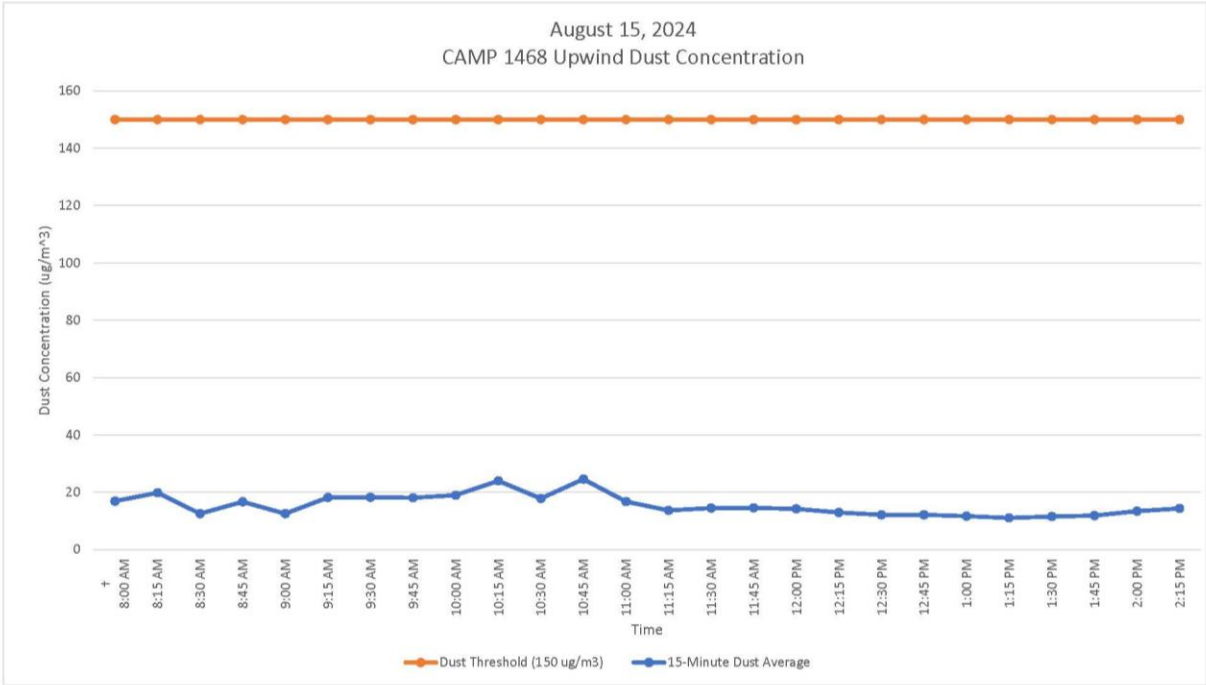
Daily Instrument Calibration Log

Date: August 15, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163279.00		Project Name: 19 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand	PID Model 580	SN: 592-602785	
Held	SidePak	SN: 853214707	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<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
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 type="checkbox"/> YES <input type="checkbox"/> NO
Post-Shift Download:			
PIDs:	Instrument:		Results/Comments:
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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>26.01</u>
PID 2:	<u>0.0</u>	Data Ram 2:	<u>16.88</u>



GZA DAILY FIELD SUMMARY 008

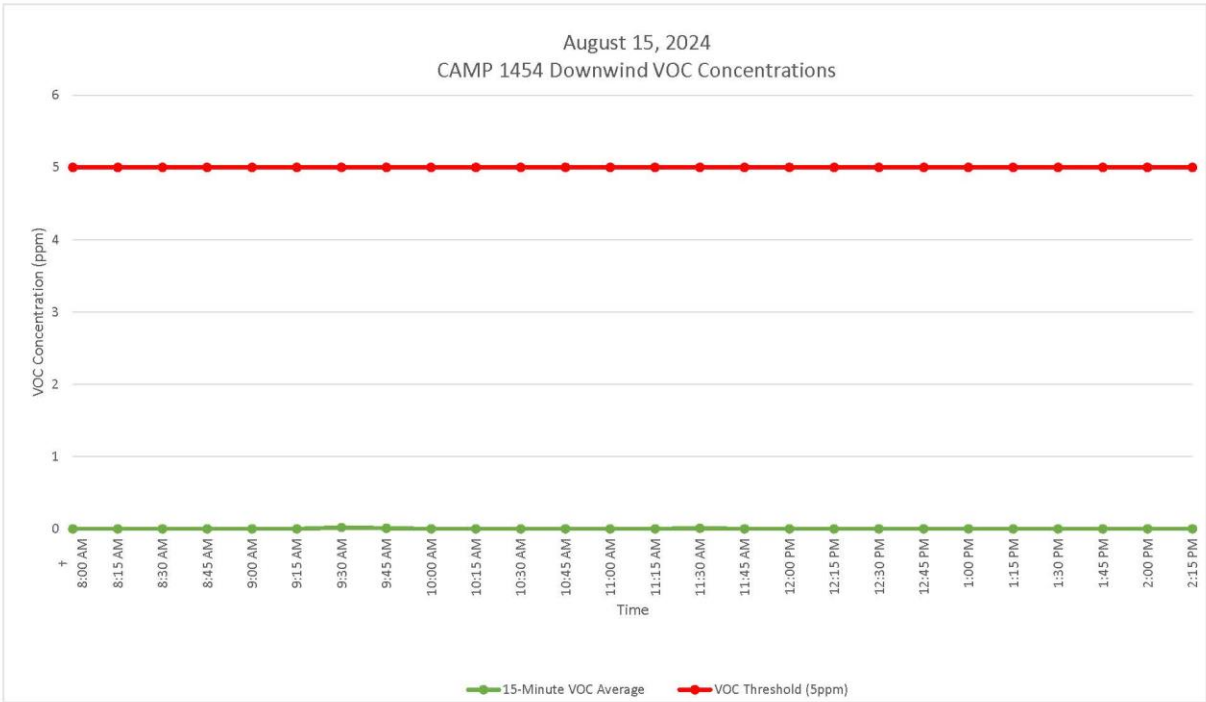
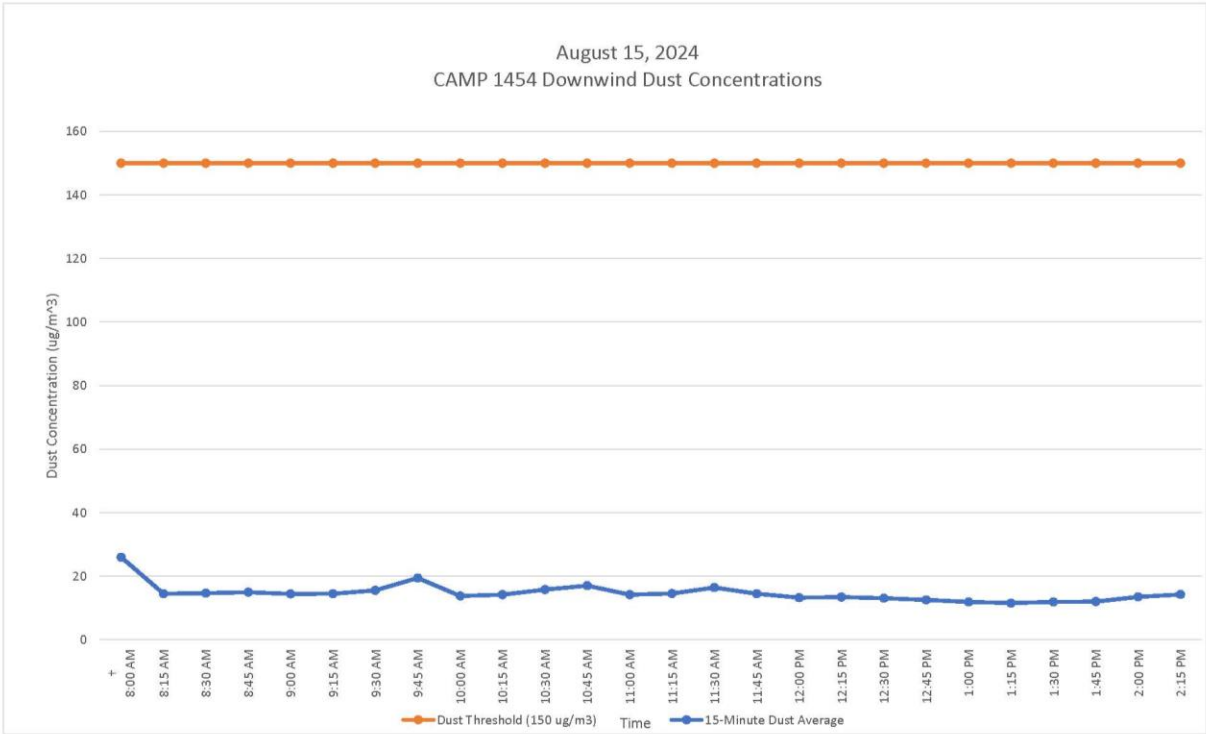
DATE: 8/15/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 008

DATE: 8/15/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 009

DATE: 8/16/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Sunny/Clear
PREPARED BY:	Mark Frey (GZA)	AVE. TEMPERATURE	77.83°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	64.00°F
		MAX WIND SPEED	14 mph from NE
		PRECIPITATION	0.00 inches
ATTACHMENTS:	A – Site Plan B – Photo Log C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Friday, August 16, 2024	
	PERSONNEL	
QEP:	GZA	
	Mark Frey	
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro, John Slavin	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 009

DATE: 8/16/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Friday – 8/16/2024

Work Location (Attachment A):

1. Coastal installed MW-05-S, screened from 5-15 ft bgs, and MW-05-M, screened from 15-25 ft bgs. Coastal attempted to install deep borings, from 25-35 ft bgs for MW-05D, but refusal was encountered three times at approximately 17 ft bgs, 22 ft bgs, and 28 ft bgs.
2. GZA observed and documented the monitoring well drilling/installation, logged soil borings, and collected a outdoor ambient air sample for laboratory analysis.

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 (1454–Upwind, 1468– Downwind) with remote telemetry system
- Geoprobe 7722DT

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.01 ppm, Particulates: 29.71 ug/m³

High Conditions – PID: 0.04 ppm, Particulates: 71.95 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

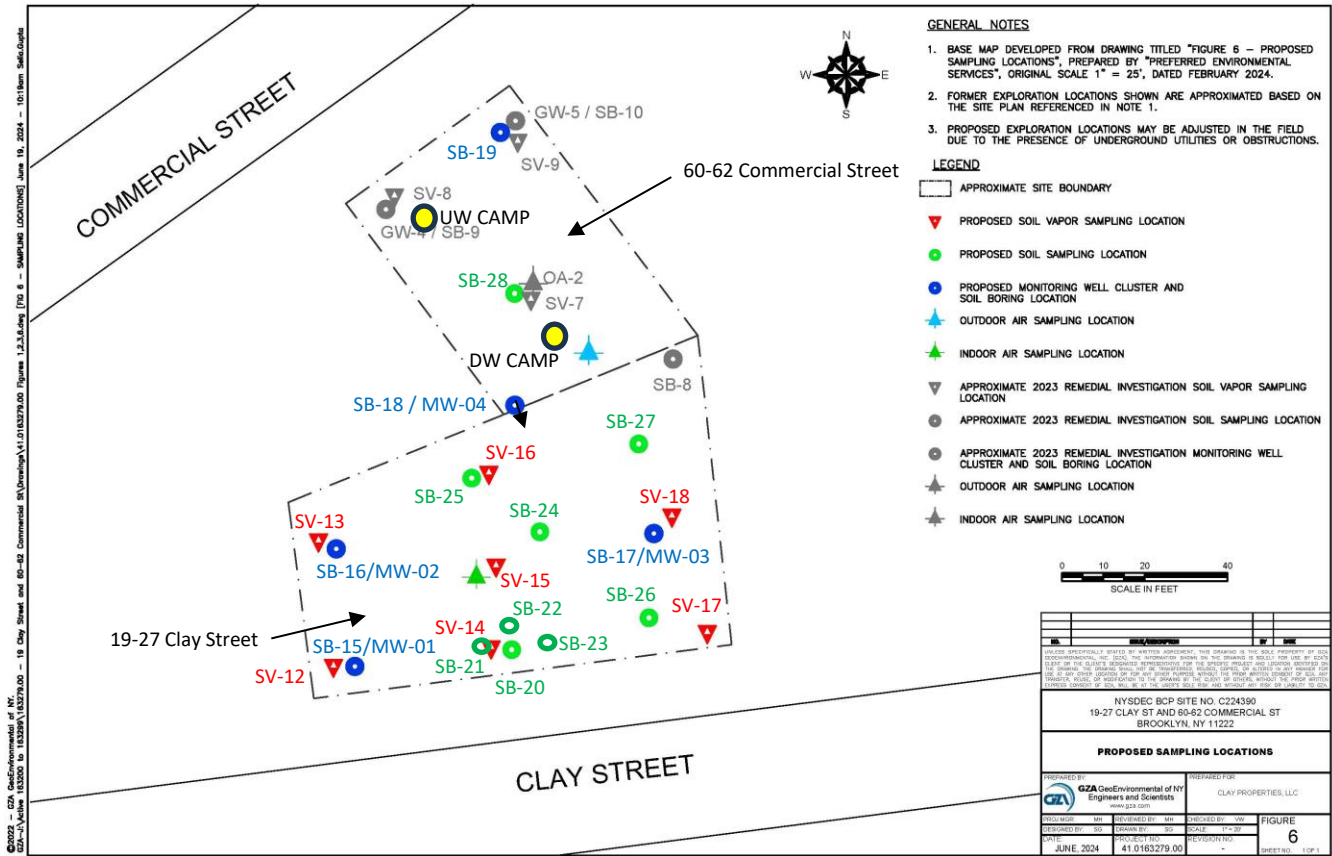
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 009

DATE: 8/16/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 009

DATE: 8/16/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken North
			
Description: Outdoor Ambient Air sample OA-03 positioned on the 60-62 Commercial property.		Description: Coastal using 8" augur bits to attempt installing cluster wells in the MW-05 well area.	
Photo No. 3	Direction Photo Taken: South	Photo No. 4	Direction Photo Taken West
			
Description: Coastal drilling MW-05M. The downwind CAMP station is shown in the back of the photo.		Description: Stick-up wells MW-05S and MW-05M at the end of the day.	



GZA DAILY FIELD SUMMARY 009

DATE: 8/16/2024
FILE NO: 41.0163279.00

ATTACHMENT C – AIR MONITORING

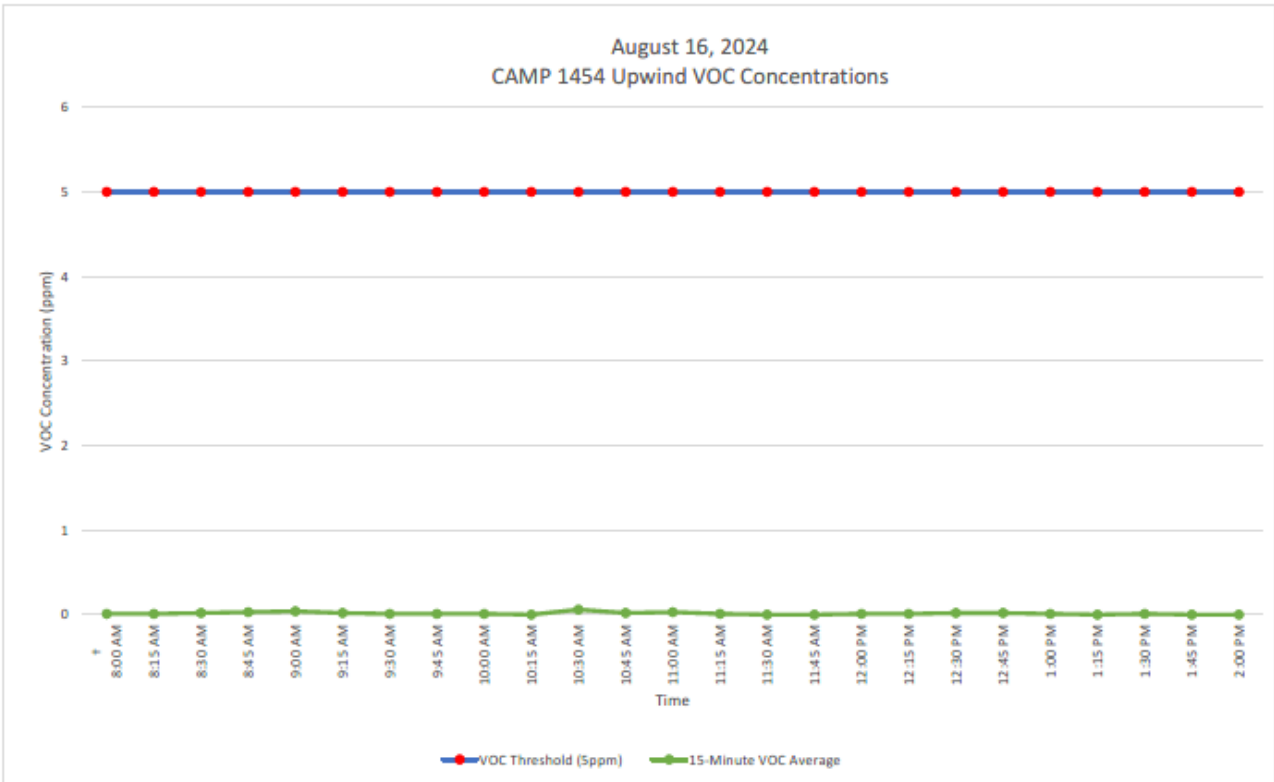
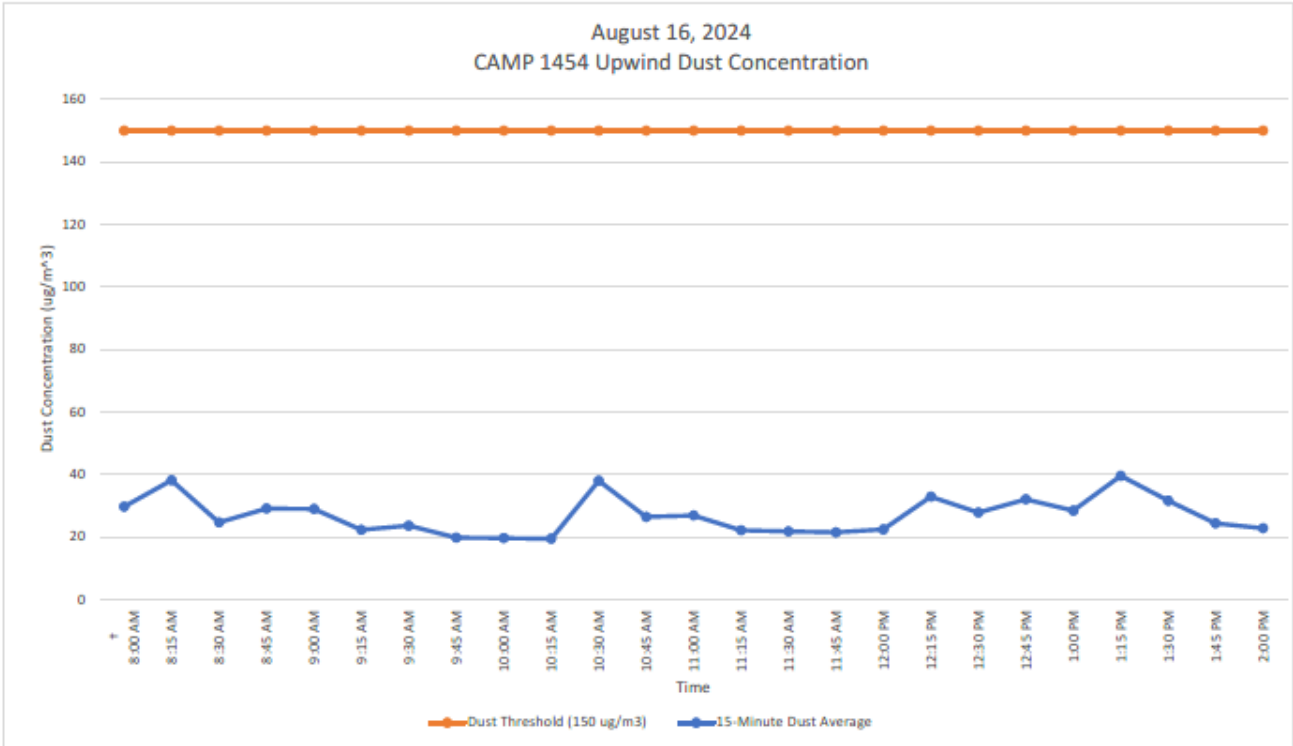
Daily Instrument Calibration Log

Date: August 16, 2024		Sampling Technician: Mark Frey	
Project #: 41.0163279.00		Project Name: 19 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand Held <u>PID Model 580</u> <u>SN: 592-602785</u>			
Hand Held <u>SidePak</u> <u>SN: 853214707</u>			
Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 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>17.43</u>	
PID 2: <u>0.01</u>		Data Ram 2: <u>29.71</u>	



GZA DAILY FIELD SUMMARY 009

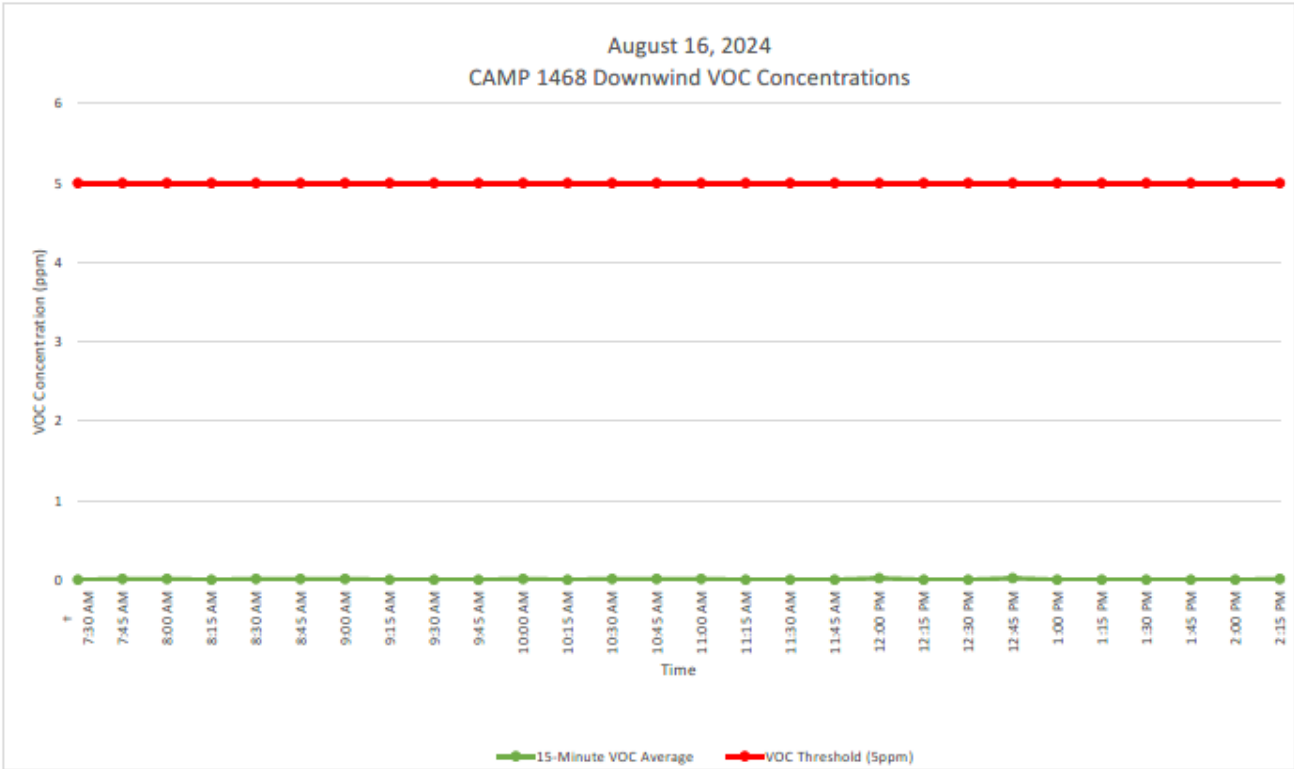
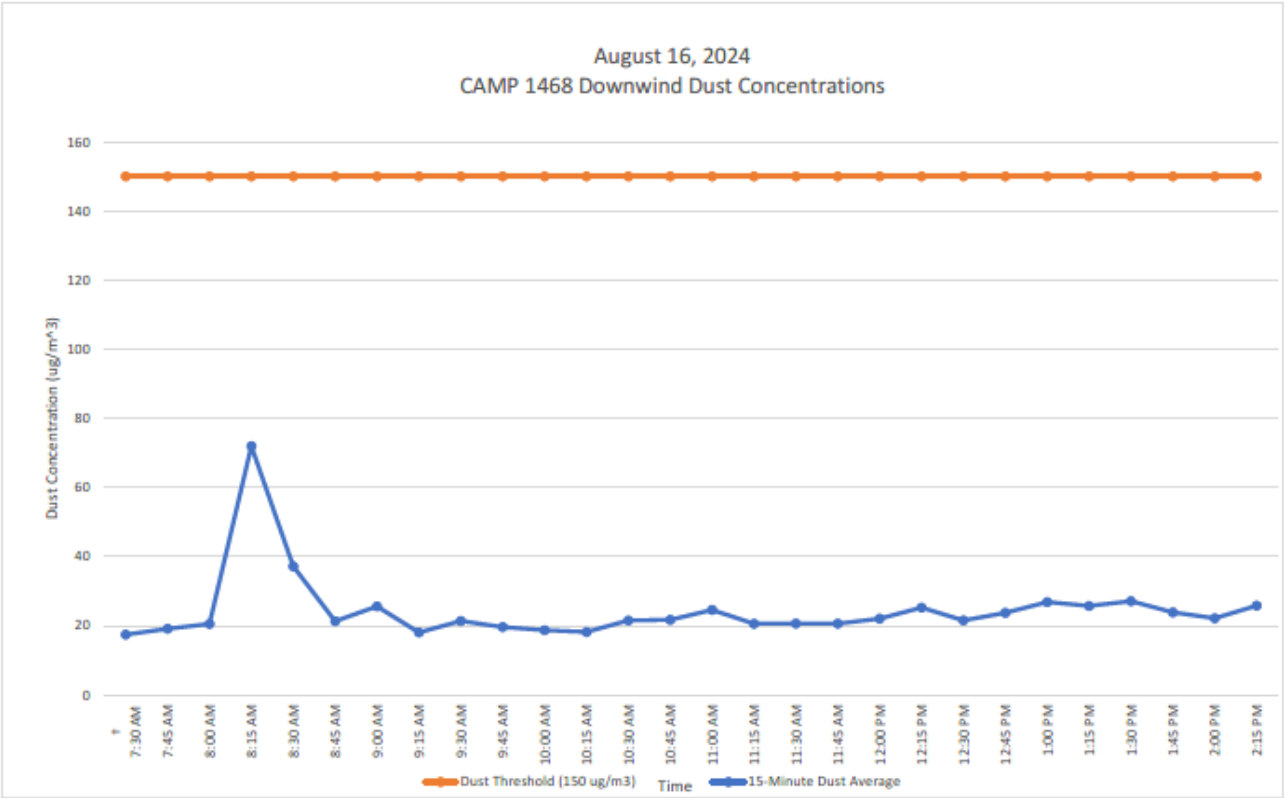
DATE: 8/16/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 009

DATE: 8/16/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 005

DATE: 8/19/2024
FILE NO: 41.0163305.00

PROJECT: 29 Clay Street RI – C224408
CLIENT: Clay Properties, LLC
PREPARED BY: Mark Frey (GZA)
REVIEWED BY: Mark Hutson (GZA)

LOCATION: Brooklyn, New York
WEATHER: Cloudy
AVE. TEMPERATURE 76.13 °F
AVE. DEW POINT 66.87 °F
MAX WIND SPEED 18 mph from WNW
PRECIPITATION 2.18 inches

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

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Monday, August 19, 2024	
	PERSONNEL	
QEP:	GZA	
	Mark Frey	Jackson Bogach
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro/Patrick Nelson	
	Aarco Environmental Solutions, Inc. – Dayvi Pacheco	
SITE VISITORS:	GZA - Victoria Whelan	



GZA DAILY FIELD SUMMARY 005

DATE: 8/19/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Monday – 8/19/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. (Coastal) drilled soil boring SB-35-20E to 45 feet bgs for VOC Delineation samples. Coastal also installed casing to 30 feet bgs in the borehole to prevent migration of contaminated media. Sampling locations are shown on **Attachment A**. No intrusive site work was performed.
2. Coastal proceeded to install the MW-11D well in the SB-35-20E soiling boring; the screen was set from 30 to 40 feet bgs.
3. Coastal also installed a cluster well for MW-11S and MW-11M with screen intervals for MW-11S from 5 to 13 feet bgs and MW-11M from 15-25 feet bgs.
4. GZA observed and documented the soil boring and monitoring well drilling/installation, logged soil borings, and collected soil samples for laboratory analysis.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Air Logics Community Air Monitoring Program Stations (1454–Upwind, 1468– Downwind, Additional CAMP - 801076) with remote telemetry system
- Eijkelpkamp Sonic Samp Drill CRS XL 140 Duo

VAPOR SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-35-20E (7') – VOC only
- SB-35-20E (21') – VOC only
- SB-35-20E (39')+dupe – VOC only

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.01 ppm, Particulates: 38.00 ug/m³

High Conditions – PID: 0.04 ppm, Particulates: 49.00 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

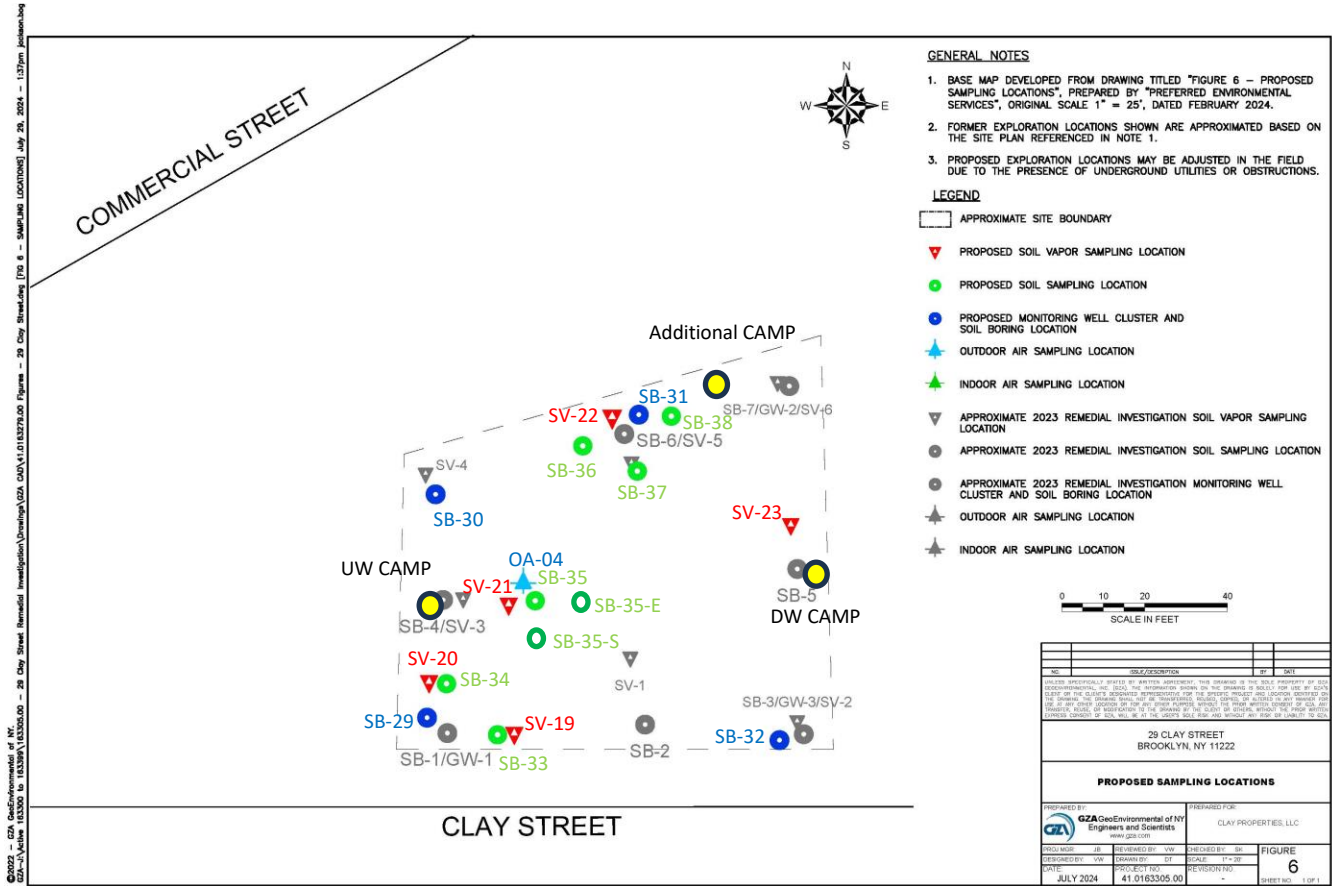
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 005

DATE: 8/19/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 005

DATE: 8/19/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: Southwest	Photo No. 2	Direction Photo Taken South
			
Description: Coastal drilling SB-35-20E for soil classification and sampling.		Description: Soil recovered from SB-35-20E.	
Photo No. 3	Direction Photo Taken: Southwest	Photo No. 4	Direction Photo Taken Southeast
			
Description: Coastal drilling a cluster well to 25 ft bgs for MW-11S and MW-11M.		Description: Coastal using filtration sand for the installation of MW-11D.	



GZA DAILY FIELD SUMMARY 005

DATE: 8/19/2024
FILE NO: 41.0163305.00

ATTACHMENT C – AIR MONITORING

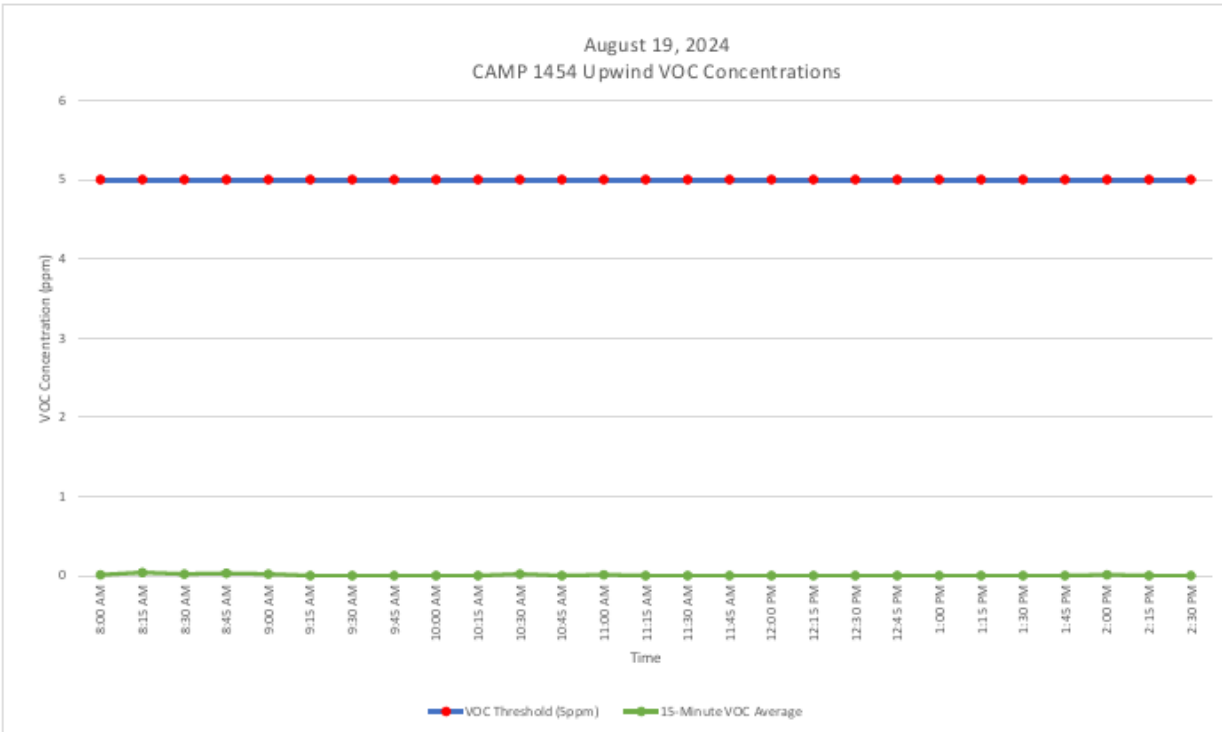
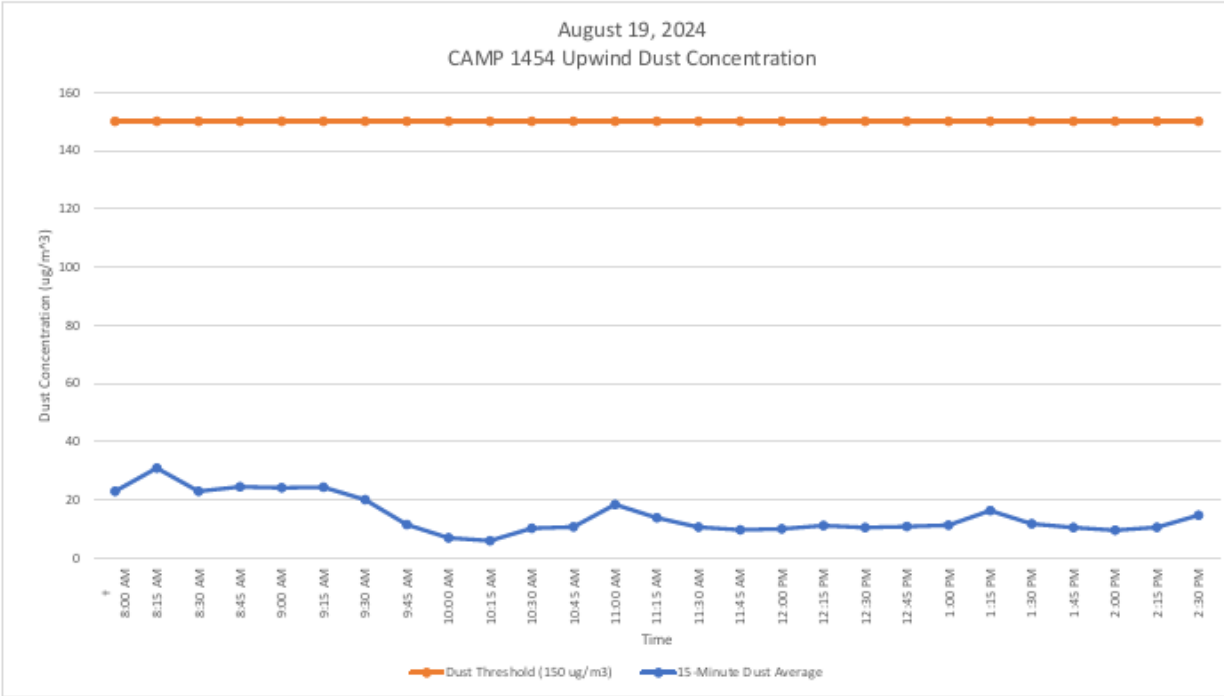
Daily Instrument Calibration Log

Date: August 19, 2024		Sampling Technician: Mark Frey	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand Held <u>PID Model 580</u> <u>SN: 592-602785</u>			
SidePak <u>SN: 853214707</u>			
Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
Data Rams: Zero			
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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	
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
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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>22.93</u>		
PID 2: <u>0.1</u>	Data Ram 2: <u>19.88</u>		



GZA DAILY FIELD SUMMARY 005

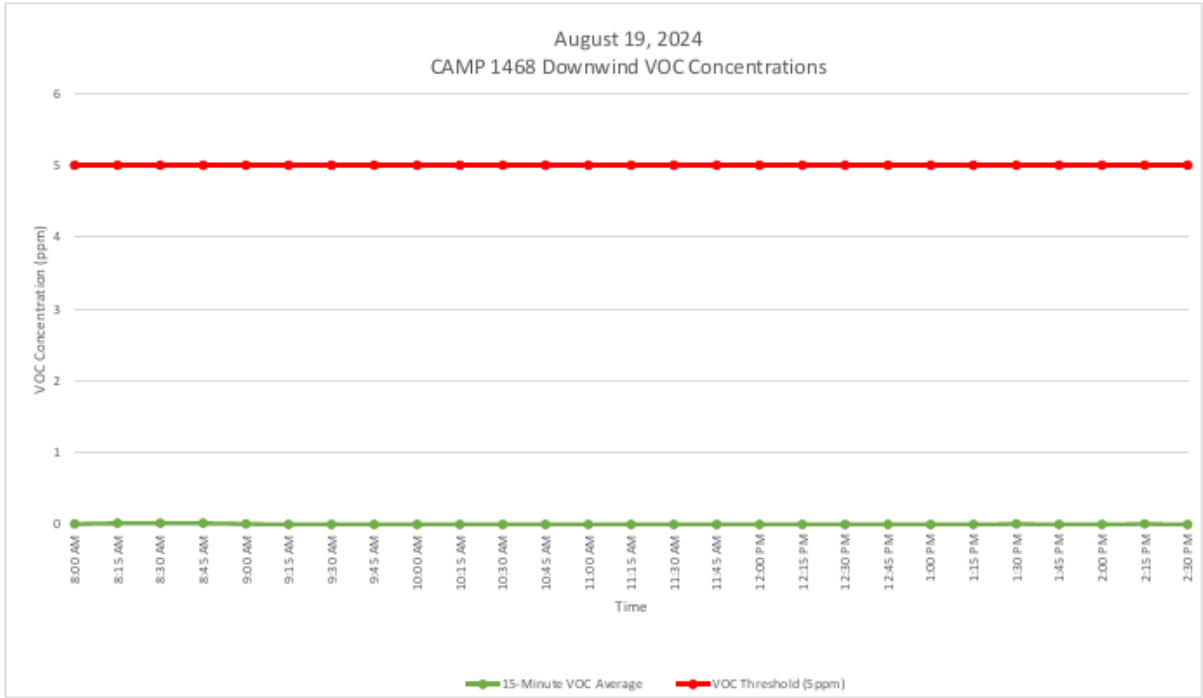
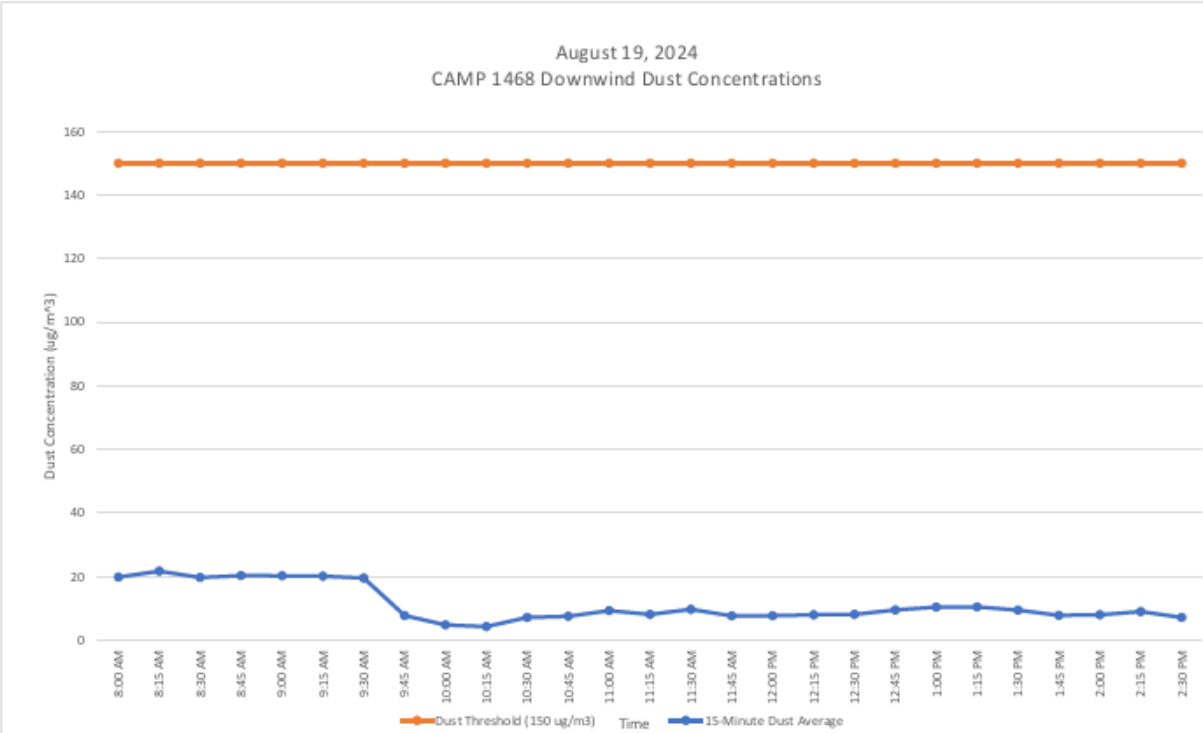
DATE: 8/19/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 005

DATE: 8/19/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 005

DATE: 8/19/2024
FILE NO: 41.0163305.00

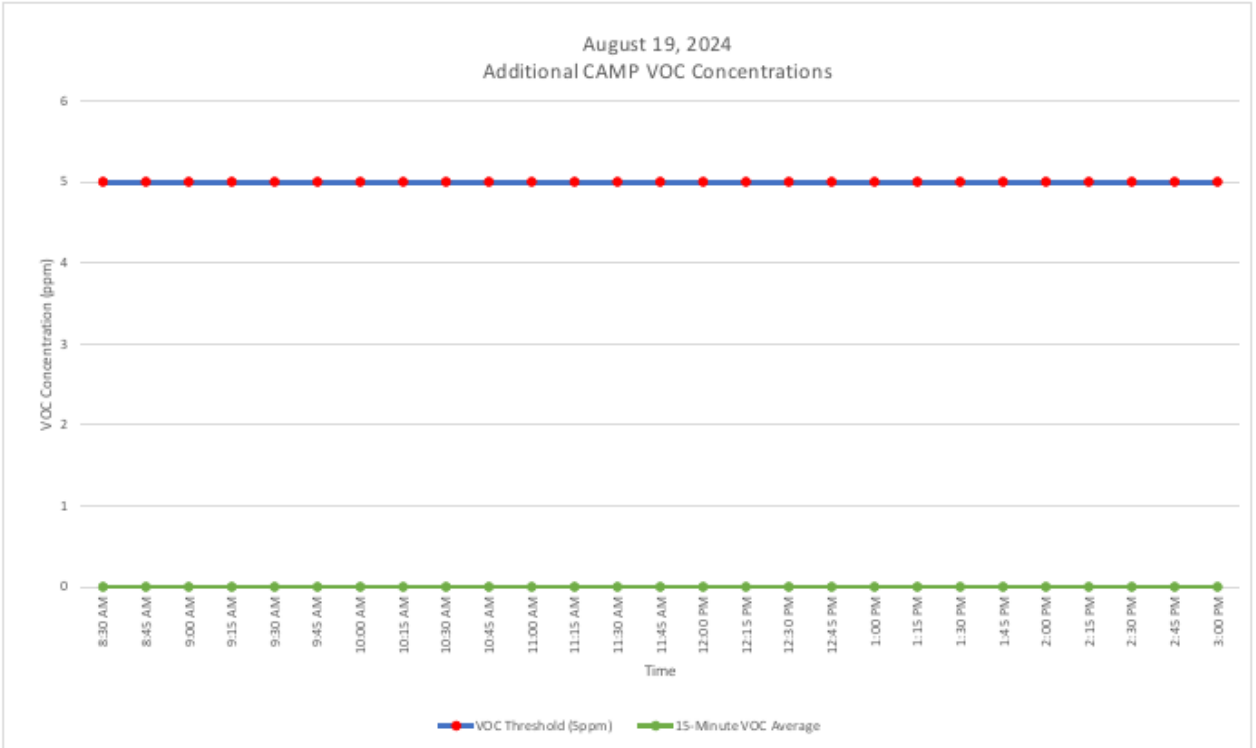
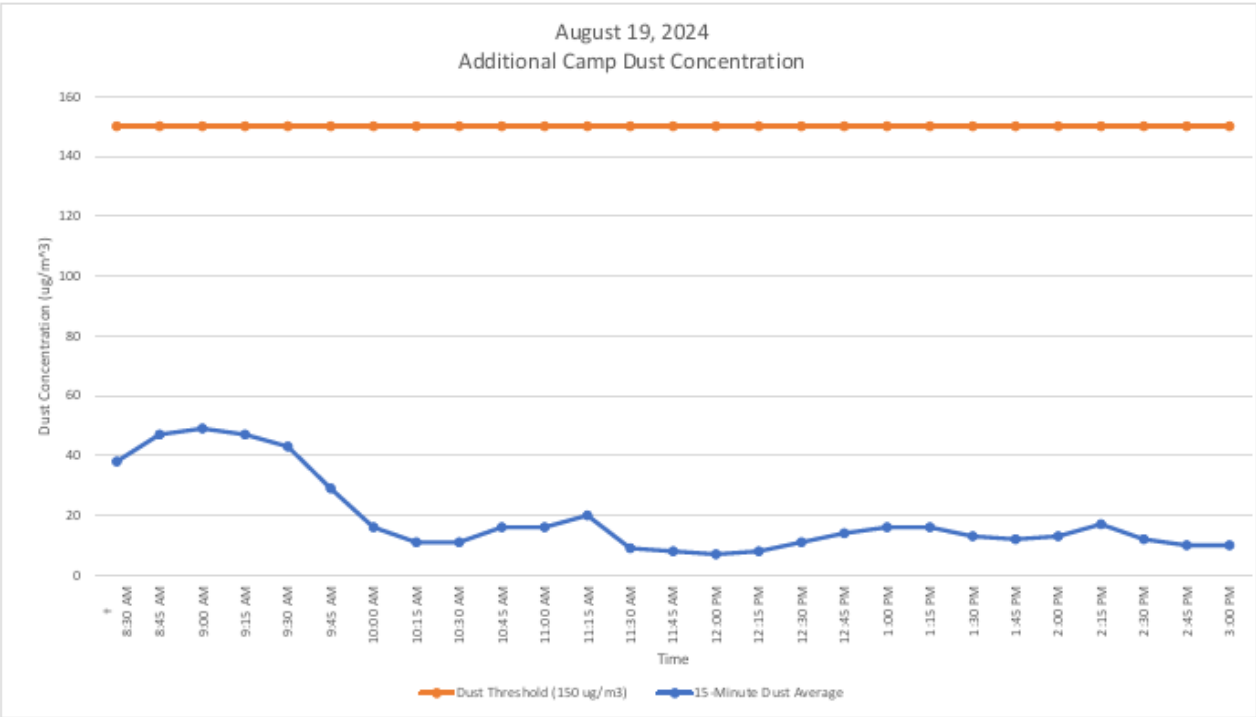
Additional CAMP Daily Instrument Calibration Log

Date: August 19, 2024		Sampling Technician: Mark Frey	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 Pine Environmental CAMP - 801076			
Station 2			
Hand Held			
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
2 <input type="checkbox"/> YES <input type="checkbox"/> NO		2 <input type="checkbox"/> YES <input type="checkbox"/> NO	
Hand Held <input 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 type="checkbox"/> NO			
2 <input type="checkbox"/> YES <input type="checkbox"/> NO			
Hand Held <input type="checkbox"/> YES <input type="checkbox"/> NO		Hand Held <input type="checkbox"/> YES <input type="checkbox"/> NO	
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
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2 <input type="checkbox"/> Data <input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary			
Data Rams:			
1 <input checked="" type="checkbox"/> Data			
2 <input type="checkbox"/> Data			
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1: 0.0		Data Ram 1: 38.00	
PID 2:		Data Ram 2:	



GZA DAILY FIELD SUMMARY 005

DATE: 8/19/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 010

DATE: 8/19/2024
FILE NO: 41.0163279.00

PROJECT: 19-27 Clay and 60-62 Commercial Street
RI – C224390
CLIENT: Clay Properties, LLC
PREPARED BY: Jackson Bogach (GZA)
REVIEWED BY: Mark Hutson (GZA)
ATTACHMENTS: A – Site Plan
B – Photo Log
C – Daily Calibration and Air Monitoring Logs

LOCATION: Brooklyn, New York
WEATHER: Overcast
AVE. TEMPERATURE 75.05°F
AVE. DEW POINT 67.35°F
MAX WIND SPEED 10 mph from SW
PRECIPITATION 2.18 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Monday, August 19, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Mark Frey
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – John Hudson	
	AARCO – Daybi Pacheco	
SITE VISITORS:	GZA – Victoria Whelan	



GZA DAILY FIELD SUMMARY 010

DATE: 8/19/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Monday – 8/19/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. (Coastal) installed MW-02-D, MW-04-S, MW-04-D, and MW-05-D. MW-04-S is screened from 5 to 15 feet below ground surface (ft bgs) and the other borings drilled today are screened from 25-35 ft bgs. The deep wells with screens from 25-35 ft bgs were installed with 1" PVC due to obstructions encountered during prior drilling when attempting to install 2" monitoring wells.
2. AARCO developed MW-05-S/M/D by pumping groundwater from the installed wells.
3. GZA observed and documented the monitoring well drilling/installation and well development. GZA collected perimeter air monitoring readings during all work activities.

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 (1454–Upwind, 1468– Downwind) with remote telemetry system
- Geoprobe 7722DT
- Hach Turbidity Meter
- Peristaltic Pump and Monsoon Pump

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 12.00 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**.

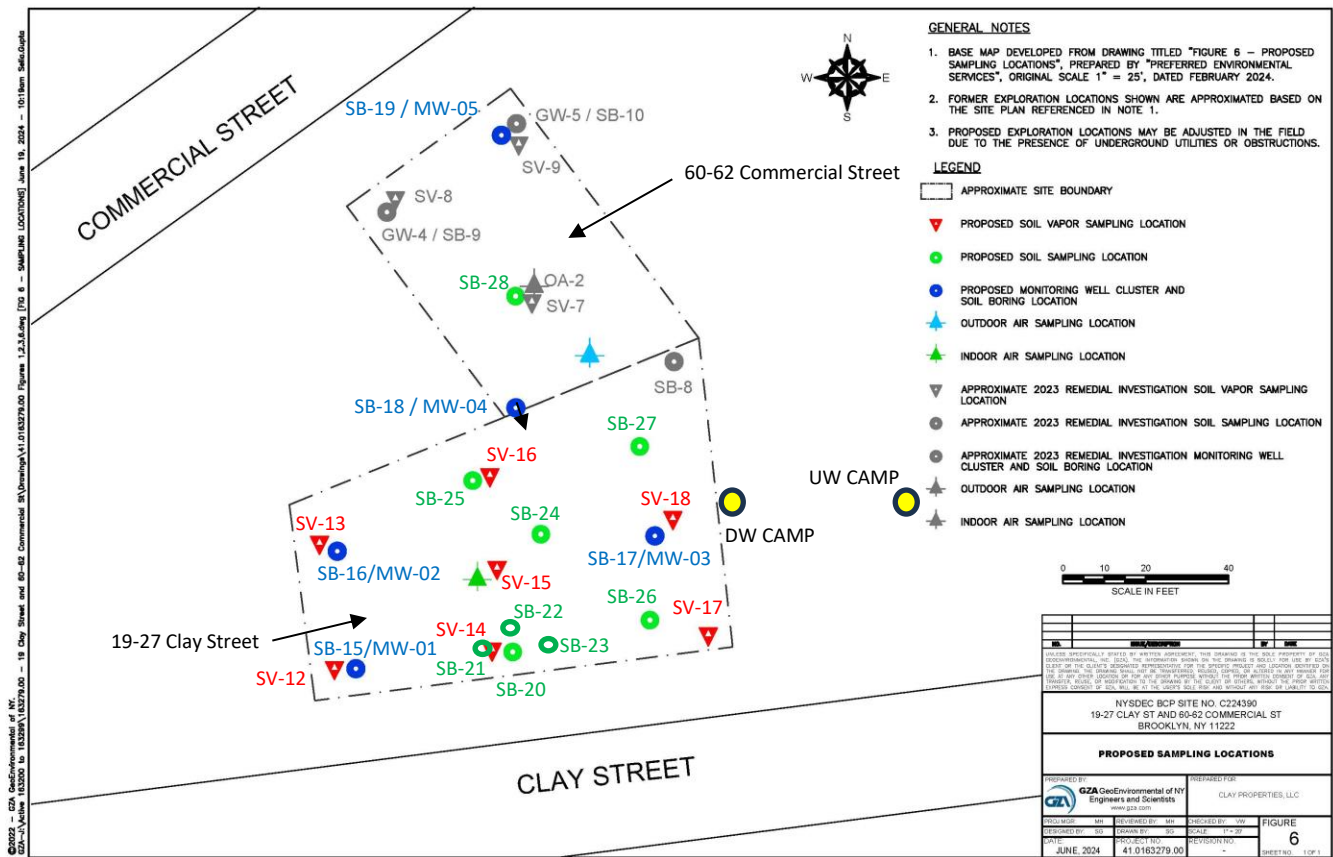
GZA collected perimeter air monitoring readings during all activities with a handheld PID and dust monitor. Results are shown in **Attachment C**.



GZA DAILY FIELD SUMMARY 010

DATE: 8/19/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 010

DATE: 8/19/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken West
			
Description: Coastal drilling MW-05-D.		Description: Coastal drilling MW-04-D.	
Photo No. 3	Direction Photo Taken: West	Photo No. 4	Direction Photo Taken N/A
			
Description: MW-04-S/M/D after drilling.		Description: AARCO developing MW-05-D using a peristaltic pump.	



GZA DAILY FIELD SUMMARY 010

DATE: 8/19/2024
FILE NO: 41.0163279.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

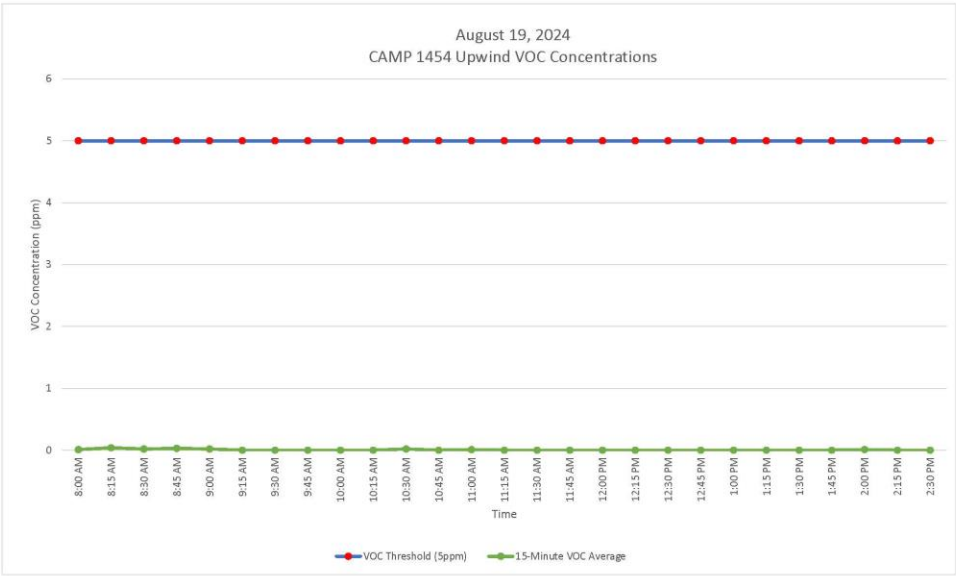
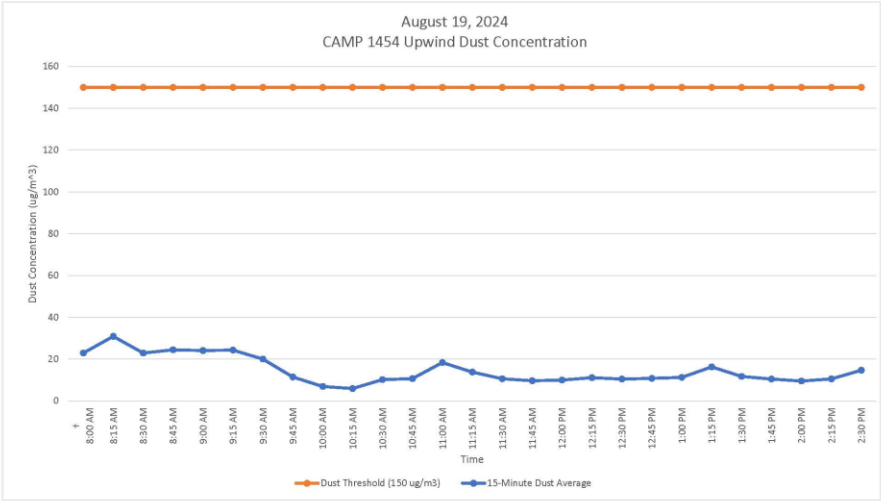
Date: August 19, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand Held <u>PID Model 580</u> SN: 592-602785			
SidePak SN: 853214707			
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
Data Rams: Zero			
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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	
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>0.1</u>		Data Ram 1: <u>22.93</u>	
PID 2: <u>0.1</u>		Data Ram 2: <u>19.88</u>	

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



GZA DAILY FIELD SUMMARY 010

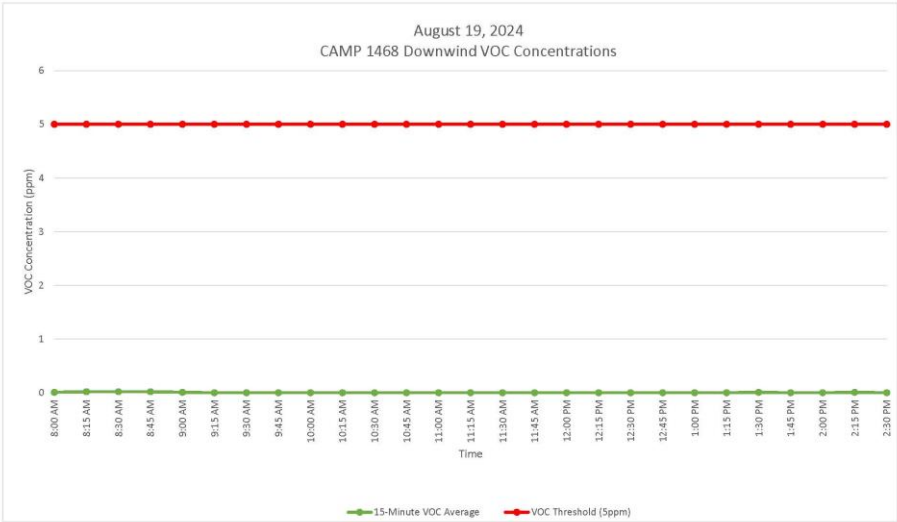
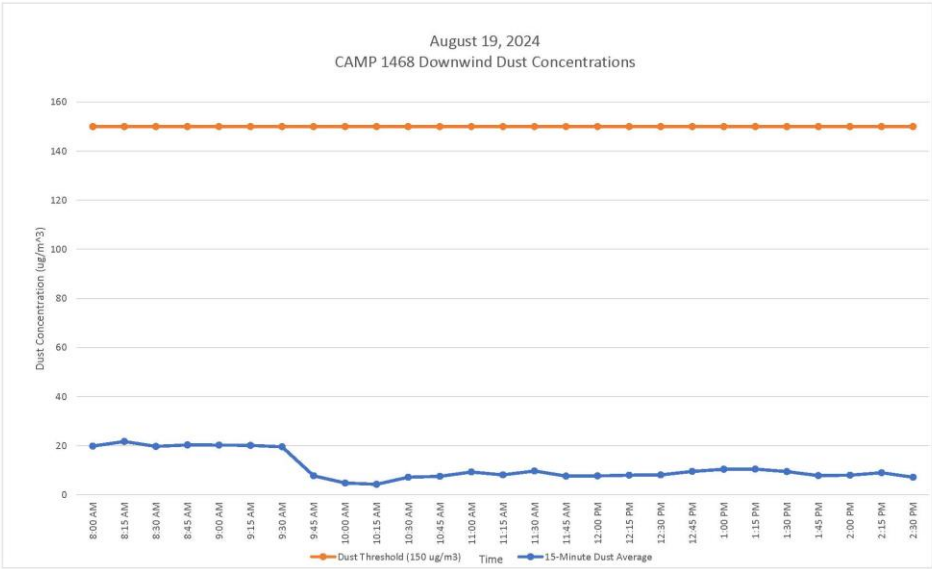
DATE: 8/19/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 010

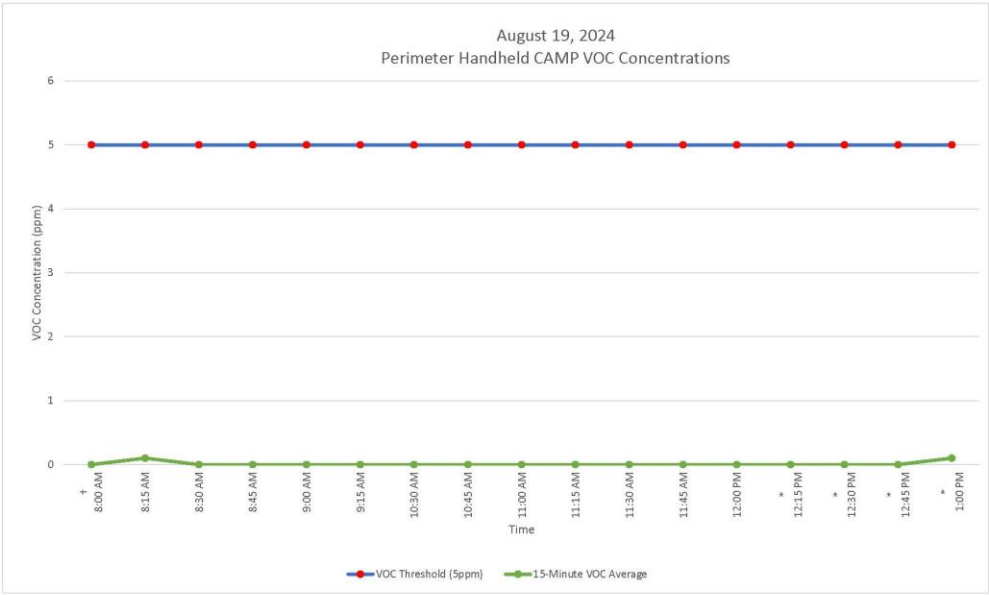
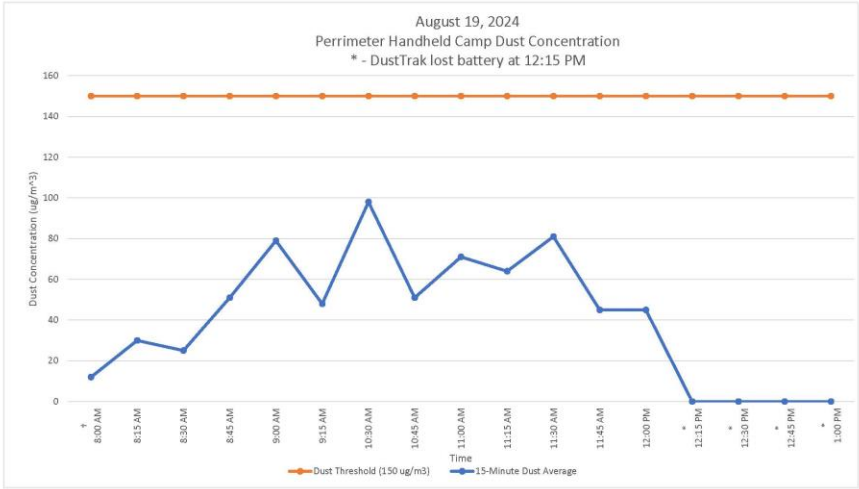
DATE: 8/19/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 010

DATE: 8/19/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 006

DATE: 8/20/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Cloudy
PREPARED BY:	Mark Frey (GZA)	AVE. TEMPERATURE	67.39 °F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	50.43 °F
		MAX WIND SPEED	21 mph from NW
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.03 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Tuesday, August 20, 2024	
	PERSONNEL	
QEP:	GZA	
	Mark Frey	Jackson Bogach
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro/Patrick Nelson	
	Aarco Environmental Solutions, Inc. – Jose Garcia Sr.	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 006

DATE: 8/20/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 8/20/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. (Coastal) drilled soil boring SB-35 to 42 feet bgs for VOC Delineation samples. Coastal also installed casing to 30 feet bgs in the borehole to prevent migration of contaminated media. Sampling locations are shown on **Attachment A**.
2. Coastal proceeded to install the MW-10D well in the SB-35 soiling boring; the screen was set from 32 to 42 feet bgs.
3. Coastal also installed a cluster well for MW-10S and MW-10M with screen intervals for MW-10S from 5 to 13 feet bgs and MW-10M from 15-25 feet bgs.
4. Aarco Environmental Solutions, Inc. (Aarco) used a jack hammer to break concrete over a drainage area for sampling of soil. Aarco patched over the exposed area with concrete after sampling was completed.
5. GZA observed and documented the soil boring and monitoring well drilling/installation, logged soil borings, and collected soil samples for laboratory analysis.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Air Logics Community Air Monitoring Program Stations (1454–Upwind, 1468– Downwind, Additional CAMP - 801076) with remote telemetry system
- Eijkelpkamp Sonic Samp Drill CRS XL 140 Duo

VAPOR SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- 29 Clay-Trench-1 – VOC only

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.0 ppm, Particulates: 5.33 ug/m³

High Conditions – PID: 0.11 ppm, Particulates: 17.99 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

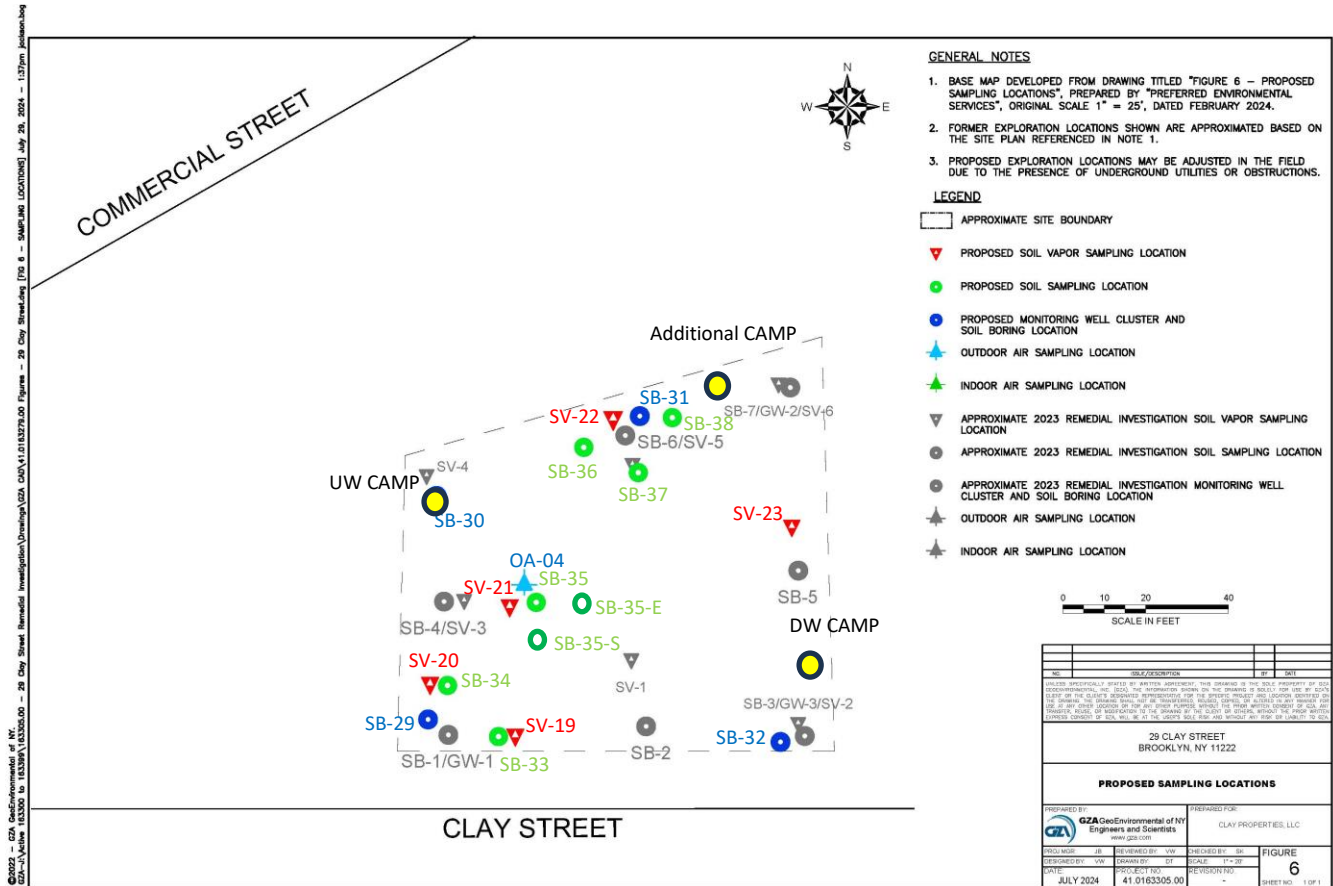
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 006

DATE: 8/20/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 006

DATE: 8/20/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: Southwest	Photo No. 2	Direction Photo Taken West
			
Description: Coastal drilling SB-35 for soil classification 25-40 feet bgs and sampling.		Description: Soil recovered from SB-35 (25-30').	
Photo No. 3	Direction Photo Taken: South	Photo No. 4	Direction Photo Taken Southwest
			
Description: Aarco breaking concrete over drainage line for soil sampling.		Description: Coastal pushing casing to 25 feet for the installation of cluster well MW-10 S,M.	



GZA DAILY FIELD SUMMARY 006

DATE: 8/20/2024
FILE NO: 41.0163305.00

ATTACHMENT C – AIR MONITORING

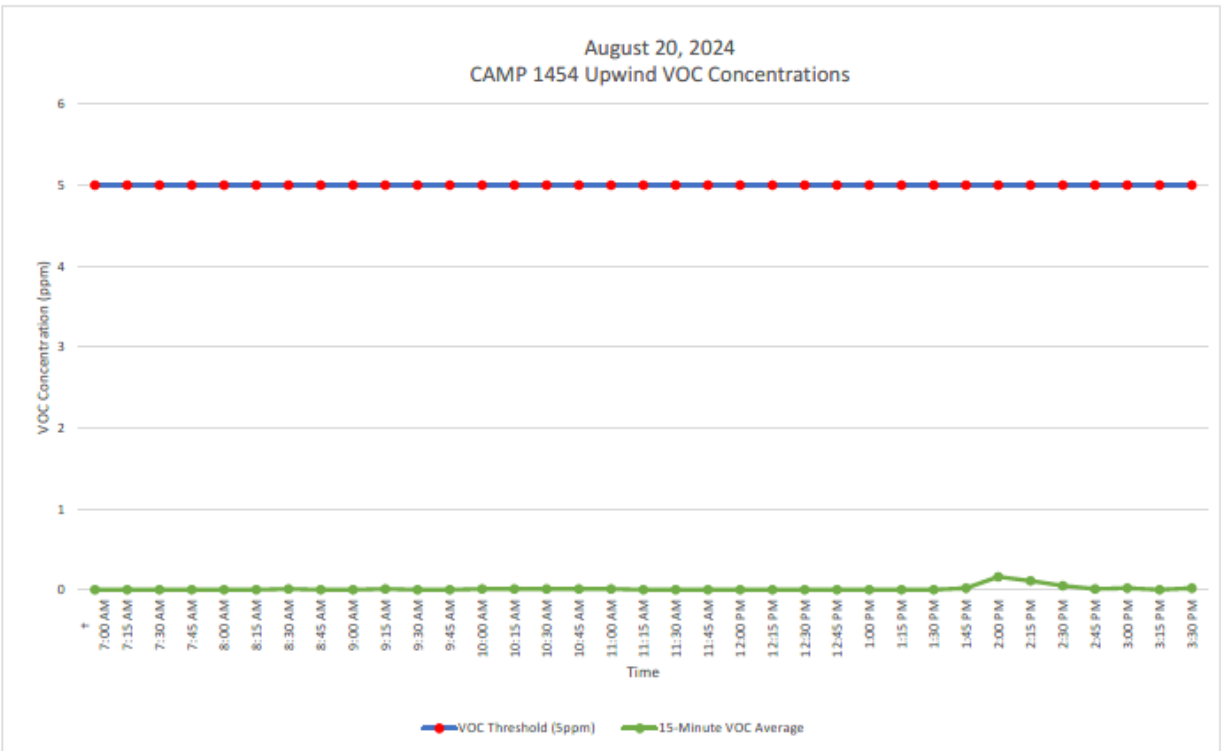
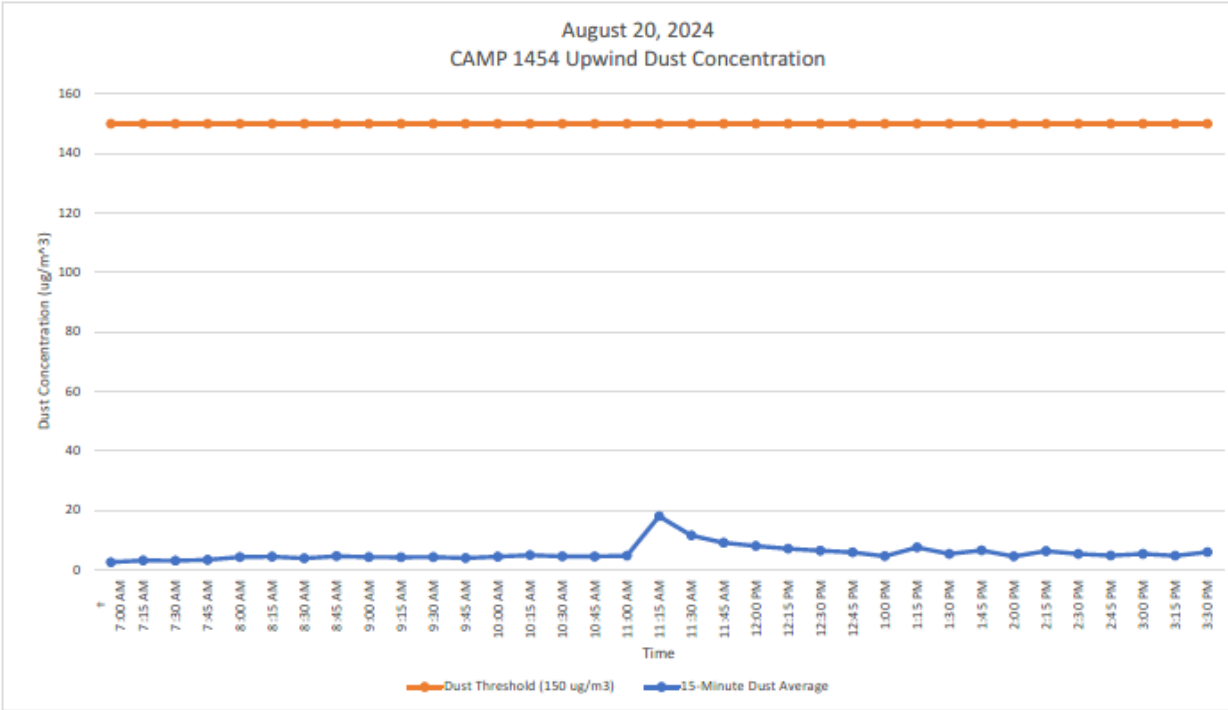
Daily Instrument Calibration Log

Date: August 20, 2024		Sampling Technician: Mark Frey	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 AirLogics Station 1454			
Station 2 AirLogics Station 1468			
Hand Held		PID Model 580 SN: 592-602785	
SidePak		SN: 853214707	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 type="checkbox"/> YES <input type="checkbox"/> NO	
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
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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		Data Ram 1: 5.33	
PID 2: 0		Data Ram 2: 2.55	



GZA DAILY FIELD SUMMARY 006

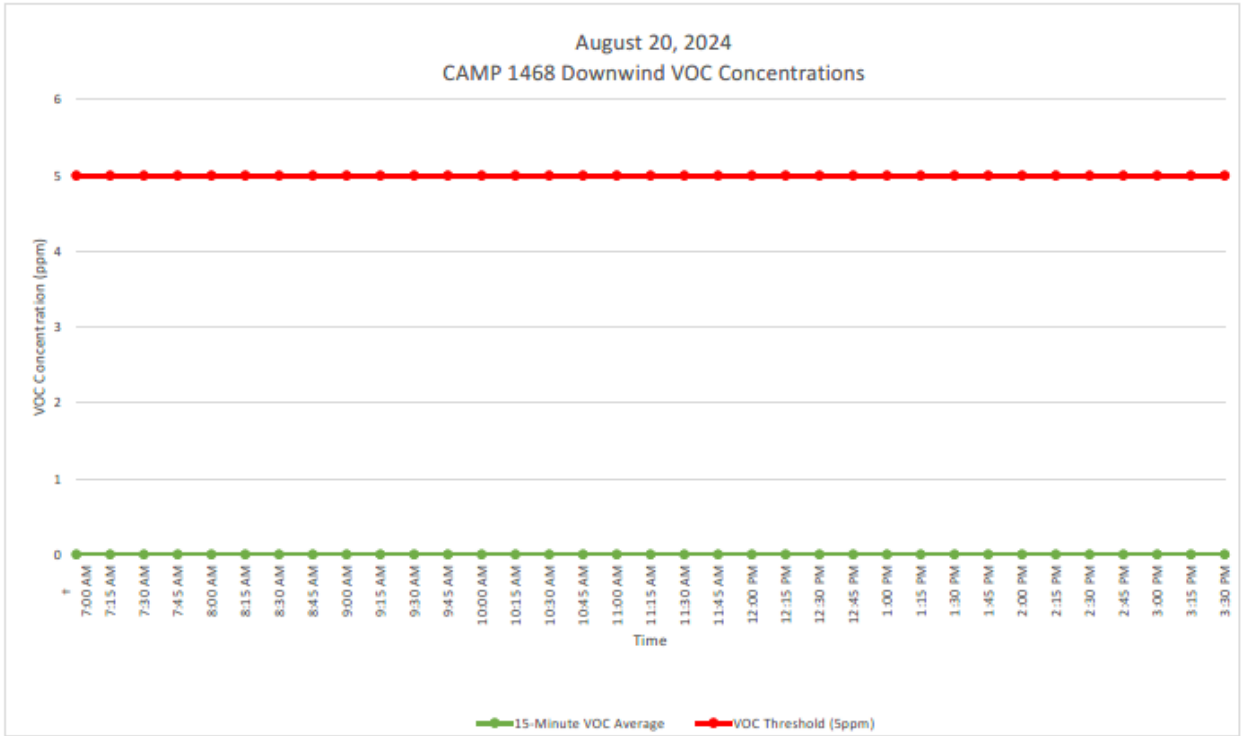
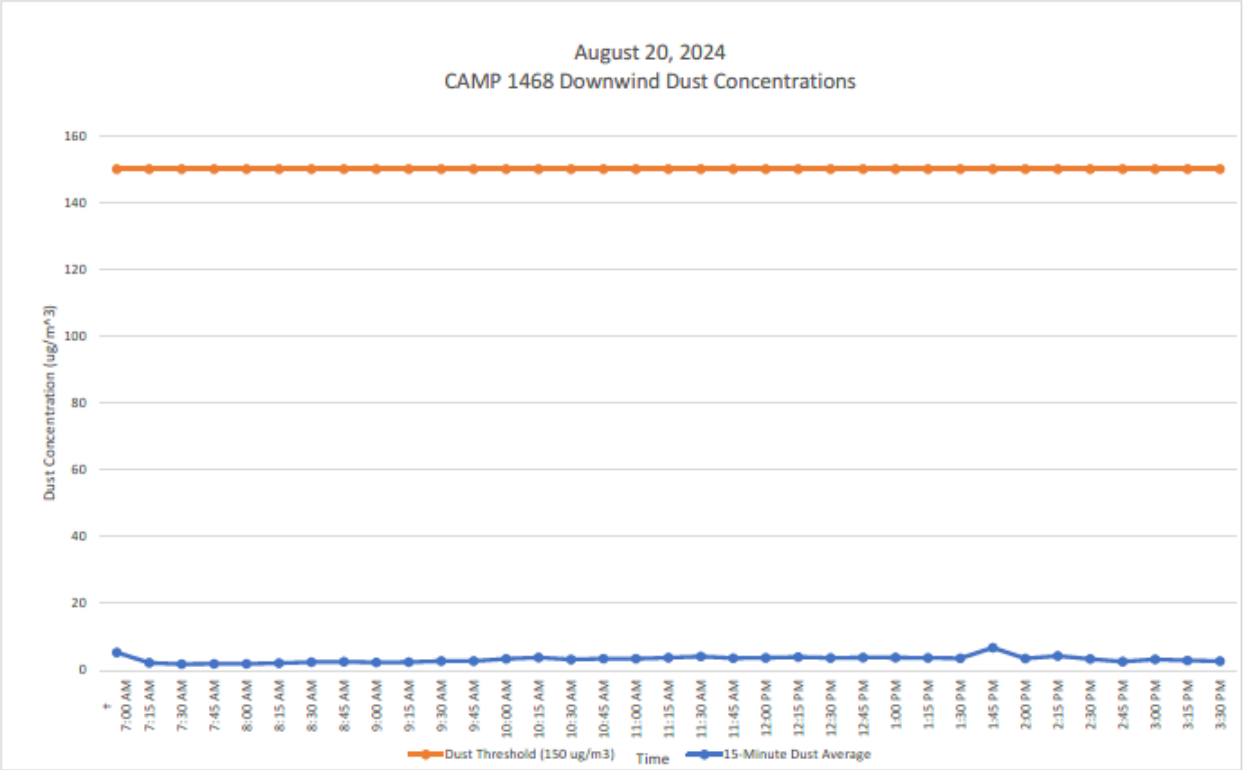
DATE: 8/20/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 006

DATE: 8/20/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 006

DATE: 8/20/2024
FILE NO: 41.0163305.00

Additional CAMP Daily Instrument Calibration Log

Date: August 20, 2024		Sampling Technician: Mark Frey	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 <u>Pine Environmental CAMP - 801076</u>			
Station 2 _____			

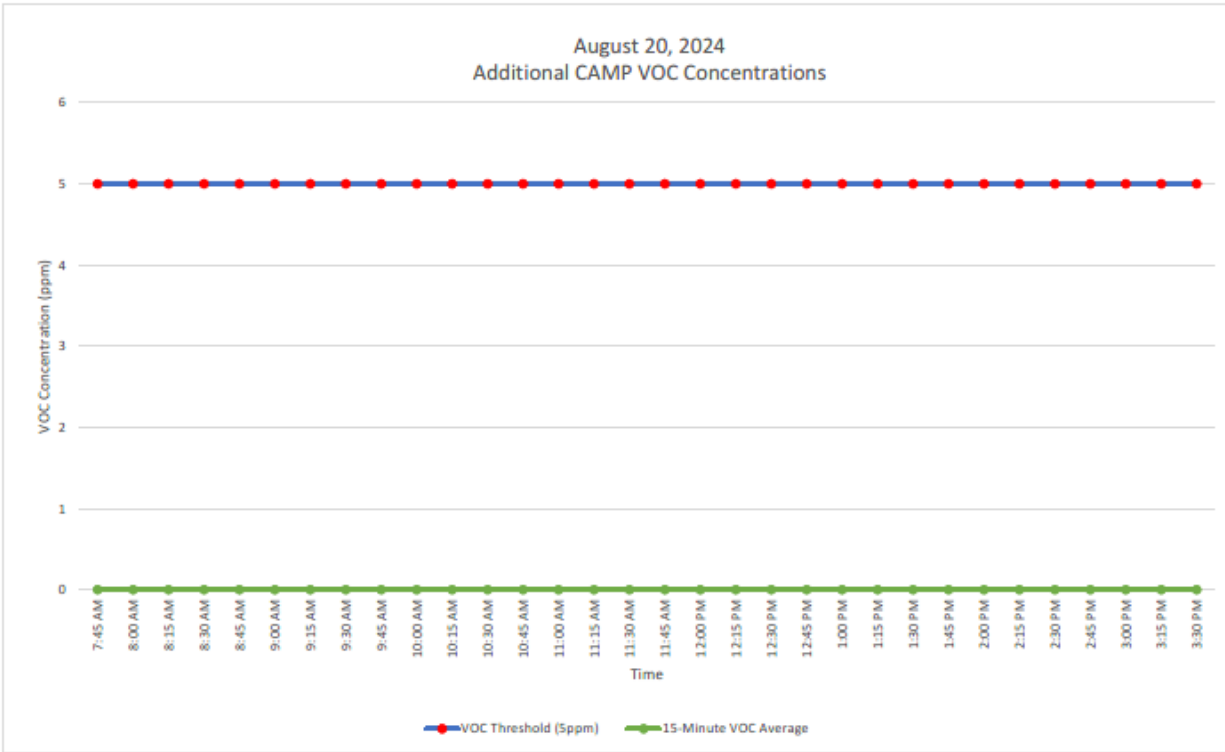
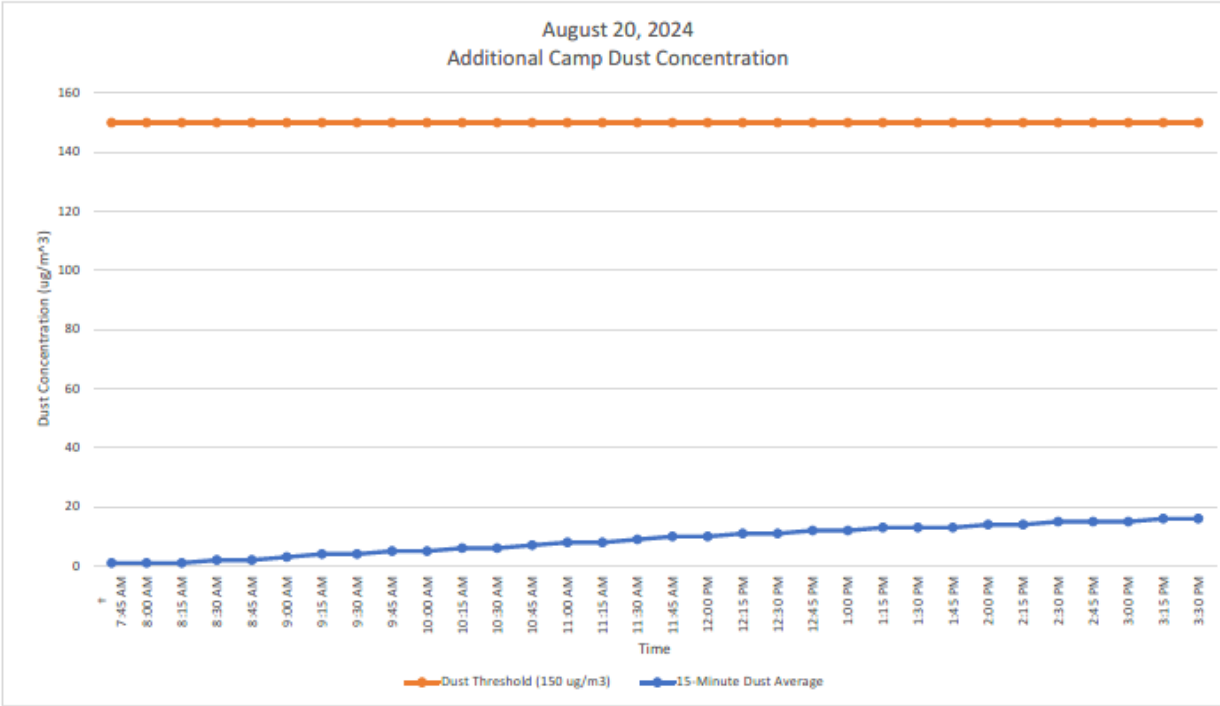
Hand Held _____			

Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
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2 <input type="checkbox"/> YES	<input type="checkbox"/> NO	2 <input type="checkbox"/> YES	<input type="checkbox"/> NO
Hand Held <input 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 type="checkbox"/> NO		
2 <input type="checkbox"/> YES	<input type="checkbox"/> NO		
Hand Held <input type="checkbox"/> YES	<input type="checkbox"/> NO	Hand Held <input type="checkbox"/> YES	<input type="checkbox"/> NO
Post-Shift Download:			
PIDs: Instrument:		Results/Comments:	
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2 <input type="checkbox"/> Data	<input checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary	_____	
Data Rams:			
1 <input checked="" type="checkbox"/> Data		_____	
2 <input type="checkbox"/> Data		_____	
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1: <u>0.0</u>	Data Ram 1: <u>1.00</u>		
PID 2: _____	Data Ram 2: _____		



GZA DAILY FIELD SUMMARY 006

DATE: 8/20/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 011

DATE: 8/20/2024
FILE NO: 41.0163279.00

PROJECT:

CLIENT:

PREPARED BY:

REVIEWED BY:

ATTACHMENTS:

19-27 Clay and 60-62 Commercial Street
RI – C224390

Clay Properties, LLC

Jackson Bogach (GZA)

Mark Hutson (GZA)

A – Site Plan
B – Photo Log
C – Daily Calibration and Air Monitoring Logs

LOCATION:

WEATHER:

AVE. TEMPERATURE

AVE. DEW POINT

MAX WIND SPEED

PRECIPITATION

Brooklyn, New York

Cloudy

67.39°F

50.43°F

21 mph from NW

0.03 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Tuesday, August 20, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Mark Frey
CONTRACTORS:		
SUBCONTRACTORS:	AARCO – Jose Garcia Sr.	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 011

DATE: 8/20/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 8/20/2024

Work Location (Attachment A):

1. GZA collected soil vapor samples and indoor air samples (SV-12, SV-13, SV-14, SV-15, SV-16, SV-18, IA-01, and IA-02). Prior to collecting soil vapor samples, GZA purged each location using a personal air sampling pump and performed a helium detector test.
2. GZA and AARCO developed monitoring wells MW-02-S, MW-02-D, and MW-04-D,

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

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Gilian GilAir Plus Air Sampling Pump
- MGD-2002 Dielectric Helium Detector
- Hach Turbidity Meter
- Peristaltic Pump and Whale Pump

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

SOIL VAPOR AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- Soil Vapor – SV-12, SV-13, SV-14, SV-15, SV-16, and SV-18 for volatile organic compounds
 - The flow regulator for SV-17 was not performing properly, so this sample will be collected when a new flow regulator is received.
- Indoor air – IA-01 and IA-02 for volatile organic compounds

AIR MONITORING RESULTS:

No intrusive work occurred during this monitoring period. Air monitoring was not performed.

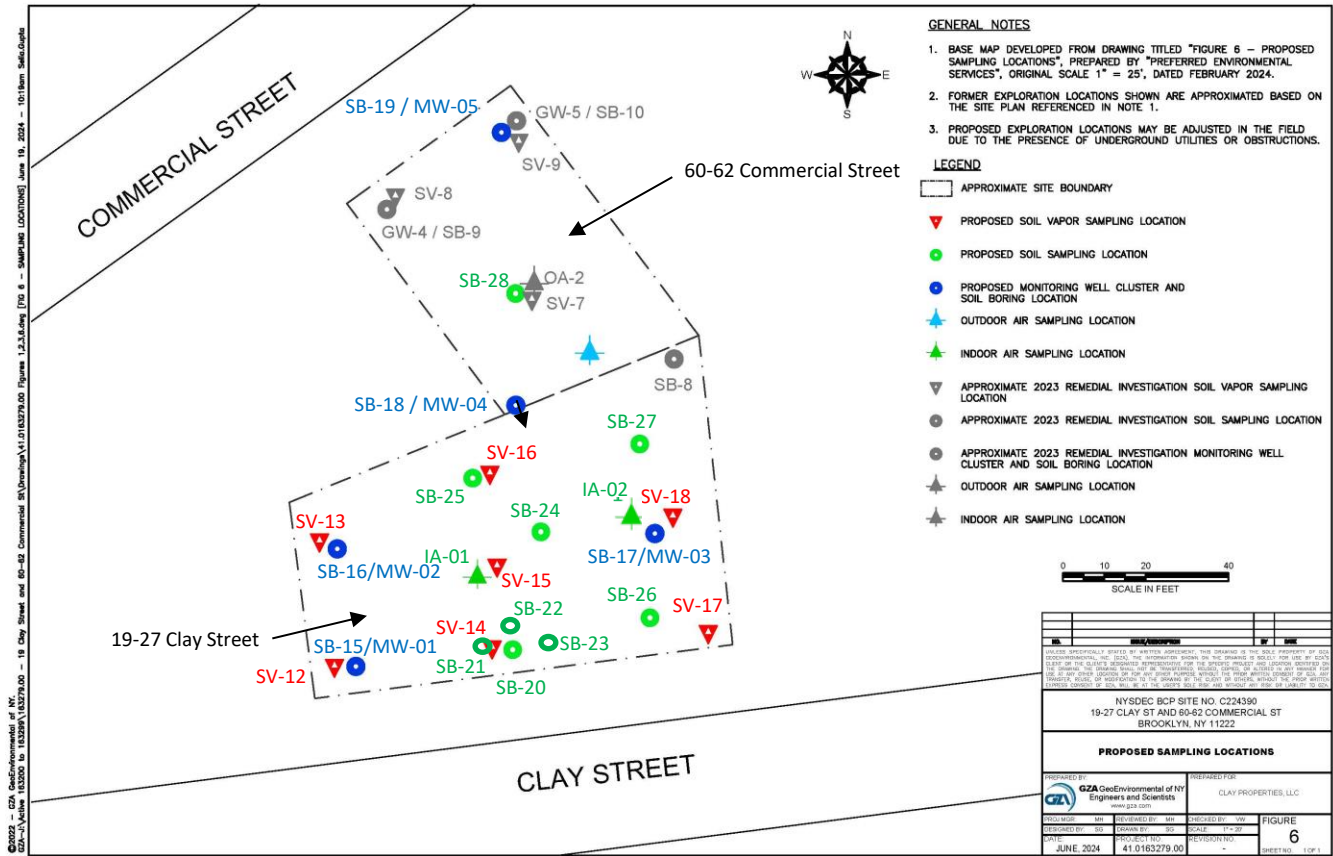
Daily instrumentation calibration log is included in **Attachment C**.



GZA DAILY FIELD SUMMARY 011

DATE: 8/20/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 011

DATE: 8/20/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: N/A	Photo No. 2	Direction Photo Taken N/A
			
Description: GZA performing helium leak detector test prior to soil vapor sampling.		Description: GZA collecting PID readings from soil vapor tubing prior to sampling.	
Photo No. 3	Direction Photo Taken: North	Photo No. 4	Direction Photo Taken Northwest
			
Description: SV-15 and IA-01 sample locations.		Description: AARCO and GZA developing MW-02-S.	



GZA DAILY FIELD SUMMARY 011

DATE: 8/20/2024
FILE NO: 41.0163279.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

Date: August 20, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1			
Station 2			
Hand Held		PID Model 580 SN: 592-602785	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
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2 <input type="checkbox"/> YES <input 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
Data Rams: Zero			
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2 <input type="checkbox"/> YES <input type="checkbox"/> NO			
Hand Held <input type="checkbox"/> YES <input type="checkbox"/> NO		Hand Held <input type="checkbox"/> YES <input type="checkbox"/> NO	
Post-Shift Download:			
PIDs:		Results/Comments:	
Instrument:			
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2 <input type="checkbox"/> Data <input type="checkbox"/> Avg <input type="checkbox"/> Summary			
Data Rams:			
1 <input type="checkbox"/> Data			
2 <input type="checkbox"/> Data			
Weather Station:		<input type="checkbox"/> YES	
Background Readings:			
PID 1:		Data Ram 1:	
PID 2:		Data Ram 2:	

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



GZA DAILY FIELD SUMMARY 007

DATE: 8/21/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Sunny
PREPARED BY:	Mark Frey (GZA)	AVE. TEMPERATURE	66.95 °F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	47.53 °F
		MAX WIND SPEED	16 mph from NW
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.00 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Wednesday, August 21, 2024	
	PERSONNEL	
QEP:	GZA	
	Mark Frey	Jackson Bogach
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro/Paul Nelson	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 007

DATE: 8/21/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 8/21/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. (Coastal) drilled soil boring SB-35-10W and SB-35-10N to 30 feet bgs for VOC Delineation samples. Coastal also installed casing to 30 feet bgs in the boreholes to prevent migration of contaminated media. Sampling locations are shown on **Attachment A**.
2. Coastal drilled 30 feet of casing at SB-35 for delineation sampling that will occur tomorrow.
3. Coastal used a geoprobe 7822DT to drill SV-31 to 35 feet bgs.
4. GZA observed and documented the soil boring and monitoring well drilling/installation, logged soil borings, and collected soil samples for laboratory analysis.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Air Logics Community Air Monitoring Program Stations (1454–Upwind, 1468– Downwind, Additional CAMP - 801076) with remote telemetry system
- Eijkelpkamp Sonic Samp Drill CRS XL 140 Duo
- Geoprobe 7822DT

VAPOR SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-31 (35') – VOC only
- SB-35-10W (7') – VOC only
- SB-35-10W_MS (7') – VOC only
- SB-35-10W_MSD (7') – VOC only
- SB-35-10W (21') – VOC only
- SB-35-10W (27') – VOC only
- SB-35-10W (4') – VOC only
- SB-35-10W (12') – VOC only
- SB-35-10W (26') – VOC only

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.0 ppm, Particulates: 15.47 ug/m³
High Conditions – PID: 0.38 ppm, Particulates: 21.86 ug/m³

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

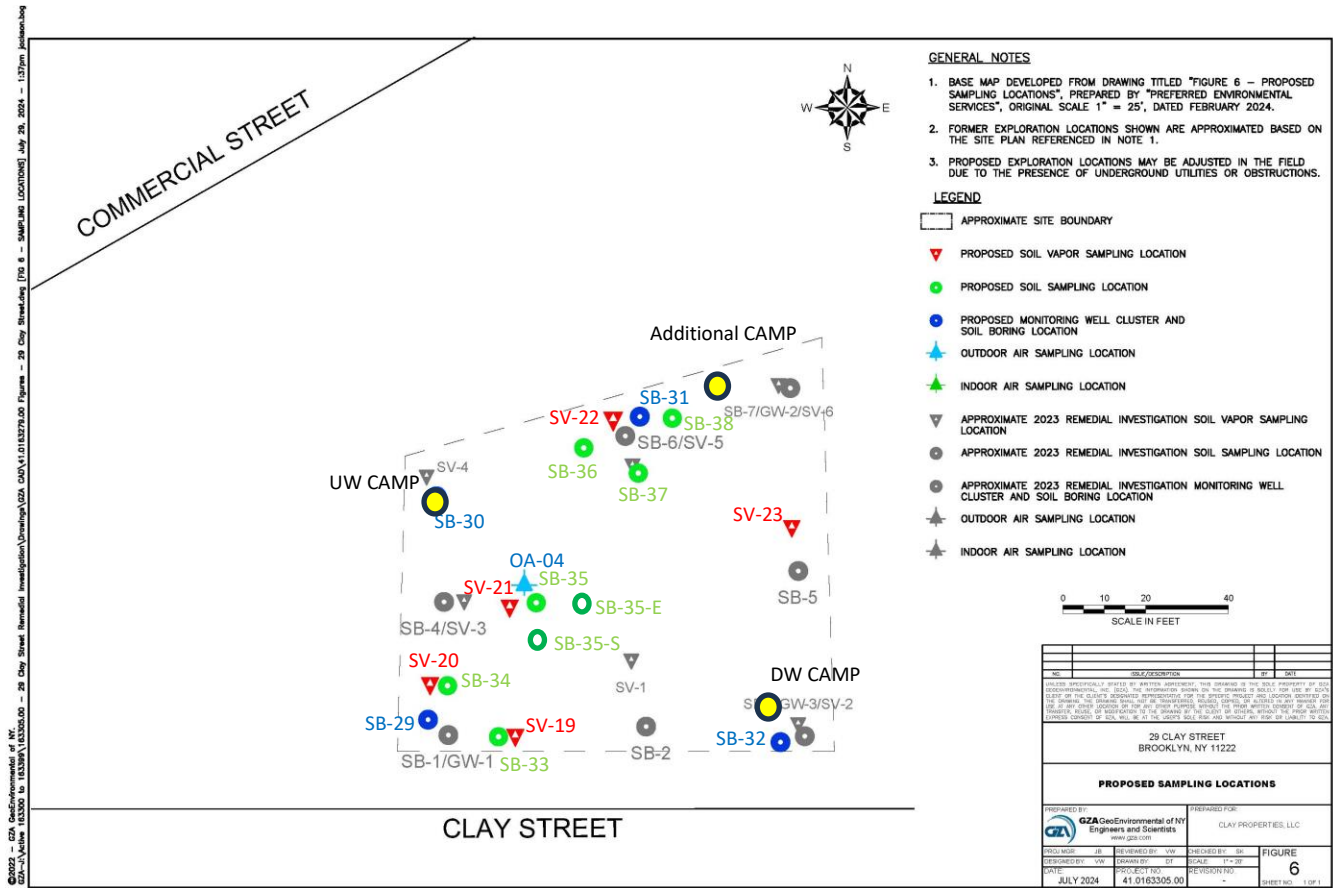


GZA DAILY FIELD SUMMARY 007

DATE: 8/21/2024
FILE NO: 41.0163305.00

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**.

ATTACHMENT A – SITE PLAN




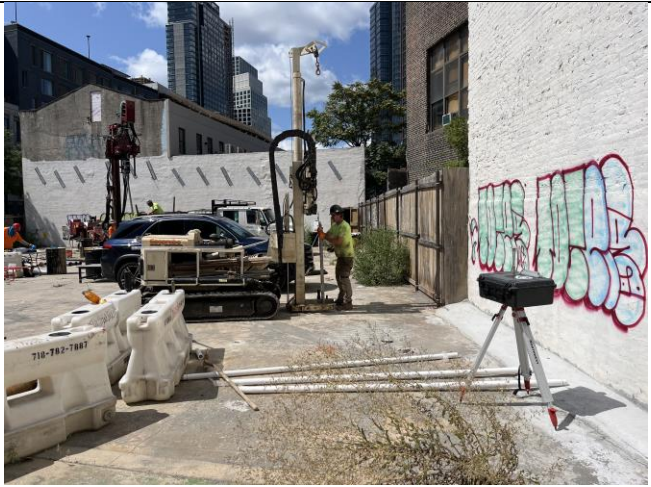




GZA DAILY FIELD SUMMARY 007

DATE: 8/21/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: Southwest	Photo No. 2	Direction Photo Taken West
			
Description: Coastal pushing casing in SB-35 to 30 feet for soil delineation samples.		Description: Coastal drilling SB-35-10W for soil classification and sampling to 30 feet.	
Photo No. 3	Direction Photo Taken: West	Photo No. 4	Direction Photo Taken West
			
Description: Soil recovered from 0-15 feet bgs in SB-35-10W.		Description: Coastal drilling is SB-31 to 35 feet bgs for soil sampling. Additional CAMP station is pictured.	



GZA DAILY FIELD SUMMARY 007

DATE: 8/21/2024
FILE NO: 41.0163305.00

ATTACHMENT C – AIR MONITORING

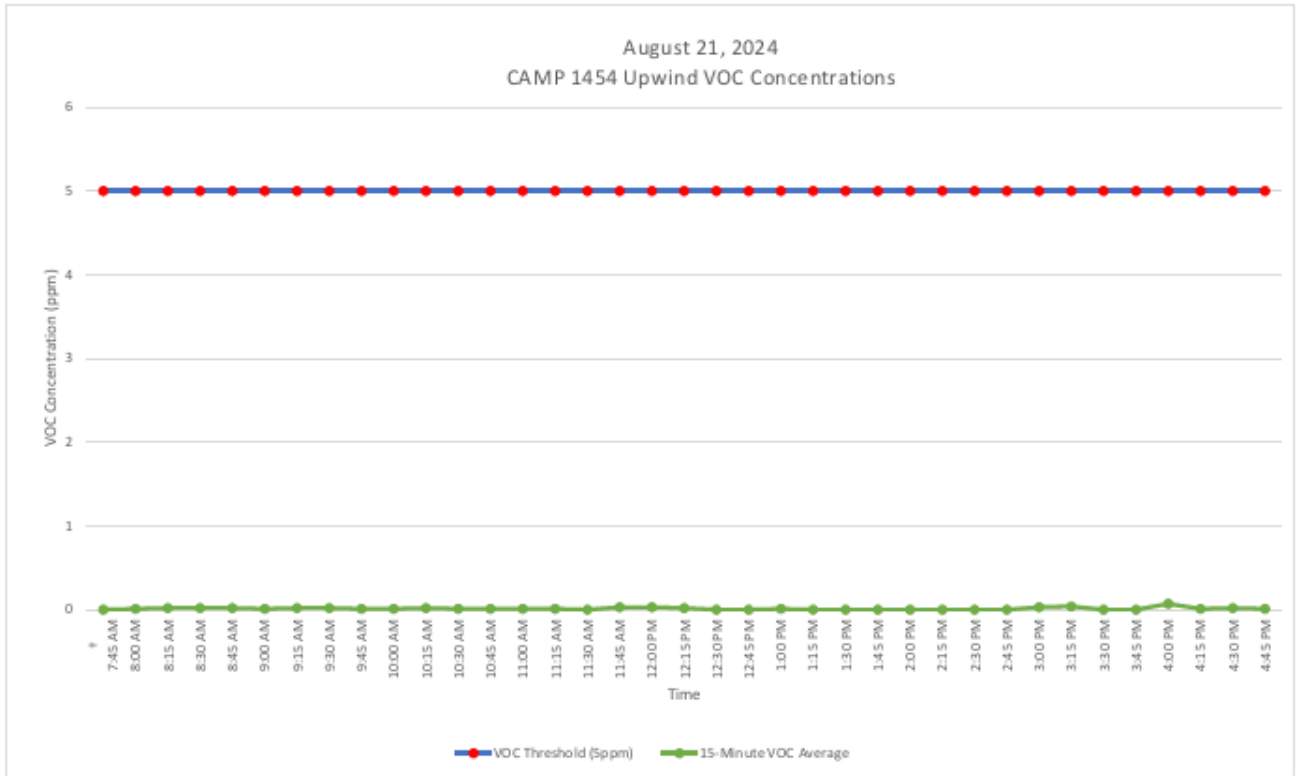
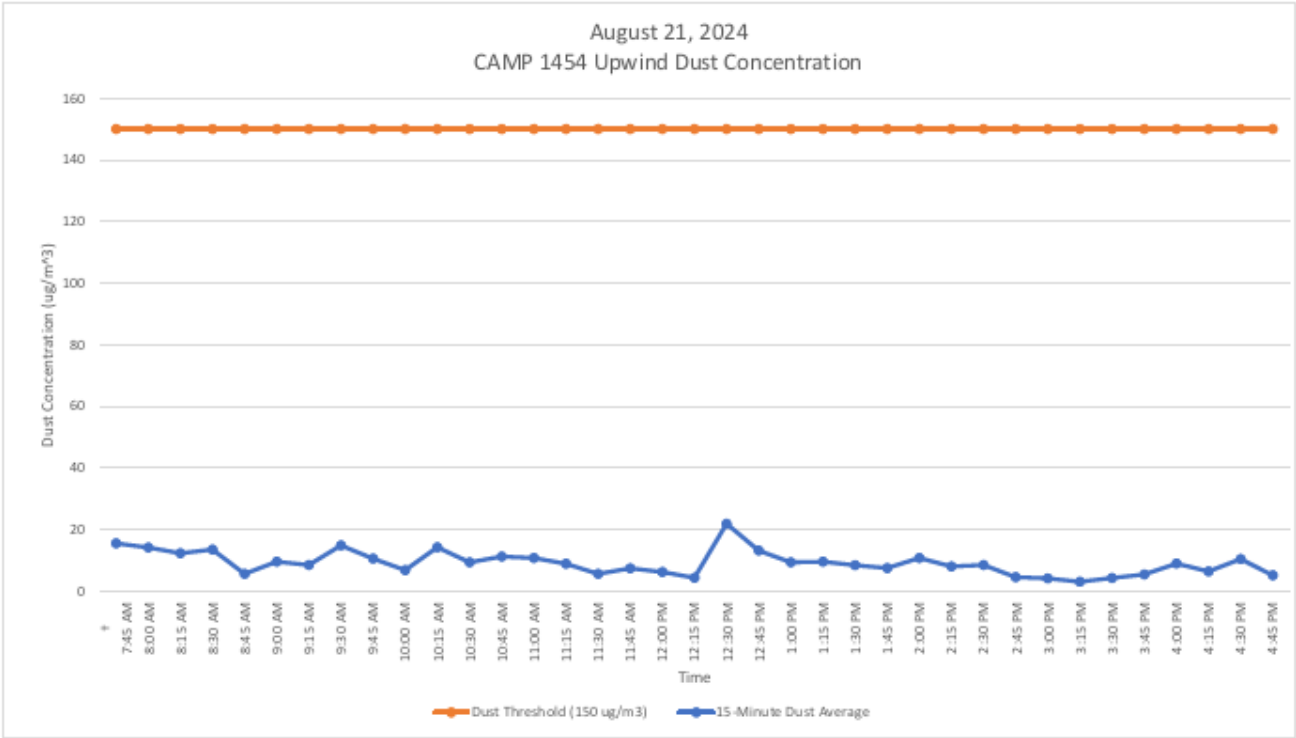
Daily Instrument Calibration Log

Date: August 21, 2024		Sampling Technician: Mark Frey	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand <u>PID Model 580</u> SN: 592-602785			
Held <u>SidePak</u> SN: 853214707			
Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 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>15.47</u>		
PID 2: <u>0.0</u>	Data Ram 2: <u>7.74</u>		



GZA DAILY FIELD SUMMARY 007

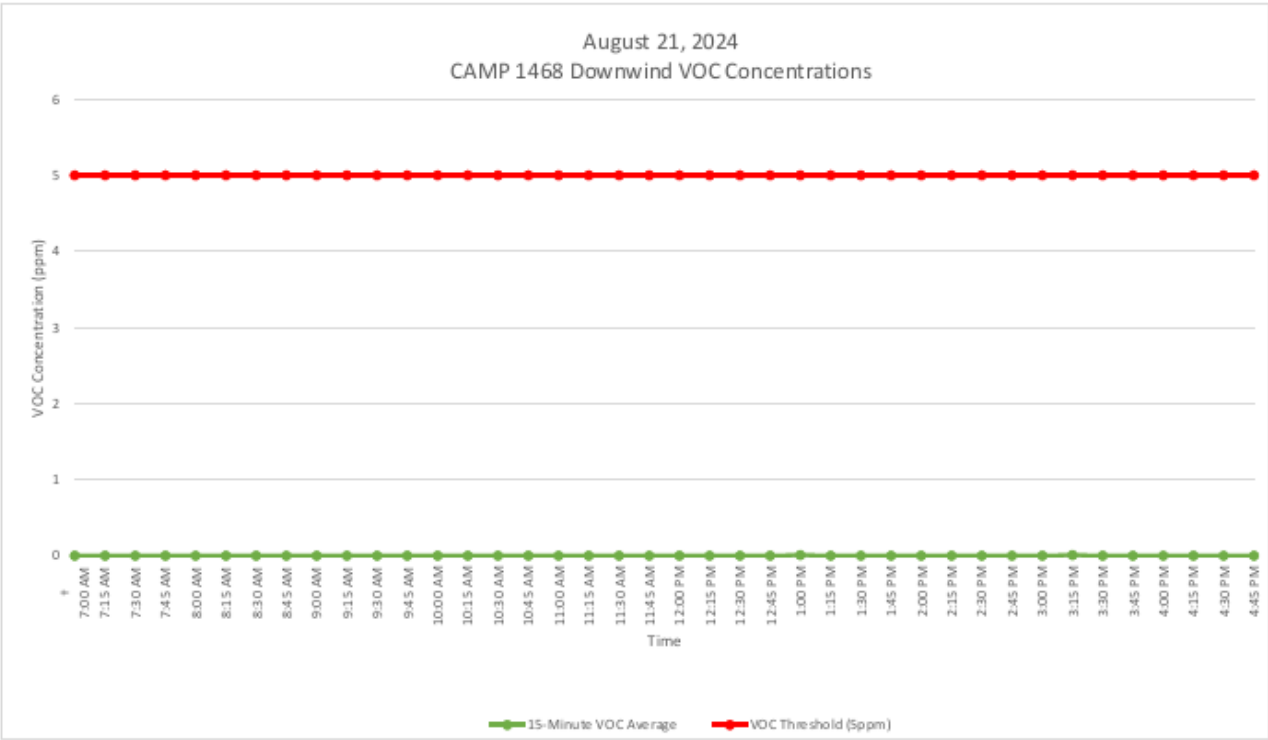
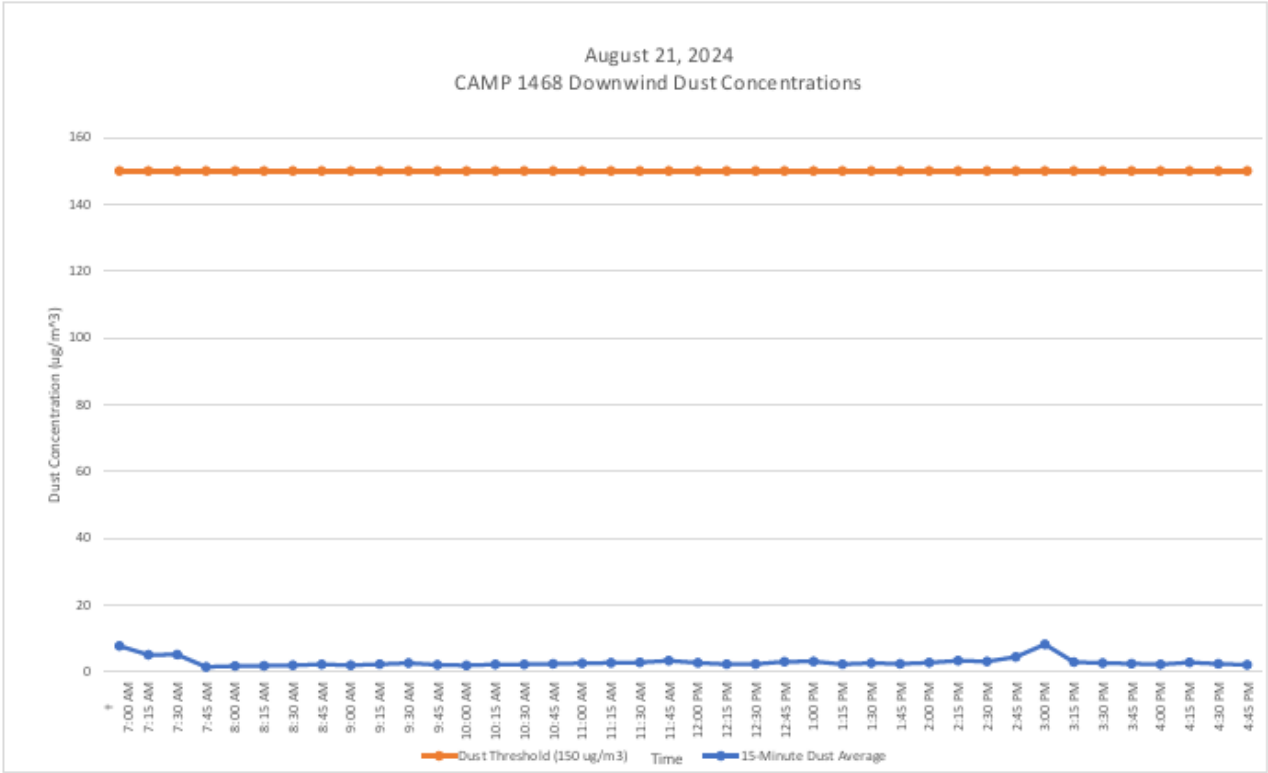
DATE: 8/21/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 007

DATE: 8/21/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 007

DATE: 8/21/2024
FILE NO: 41.0163305.00

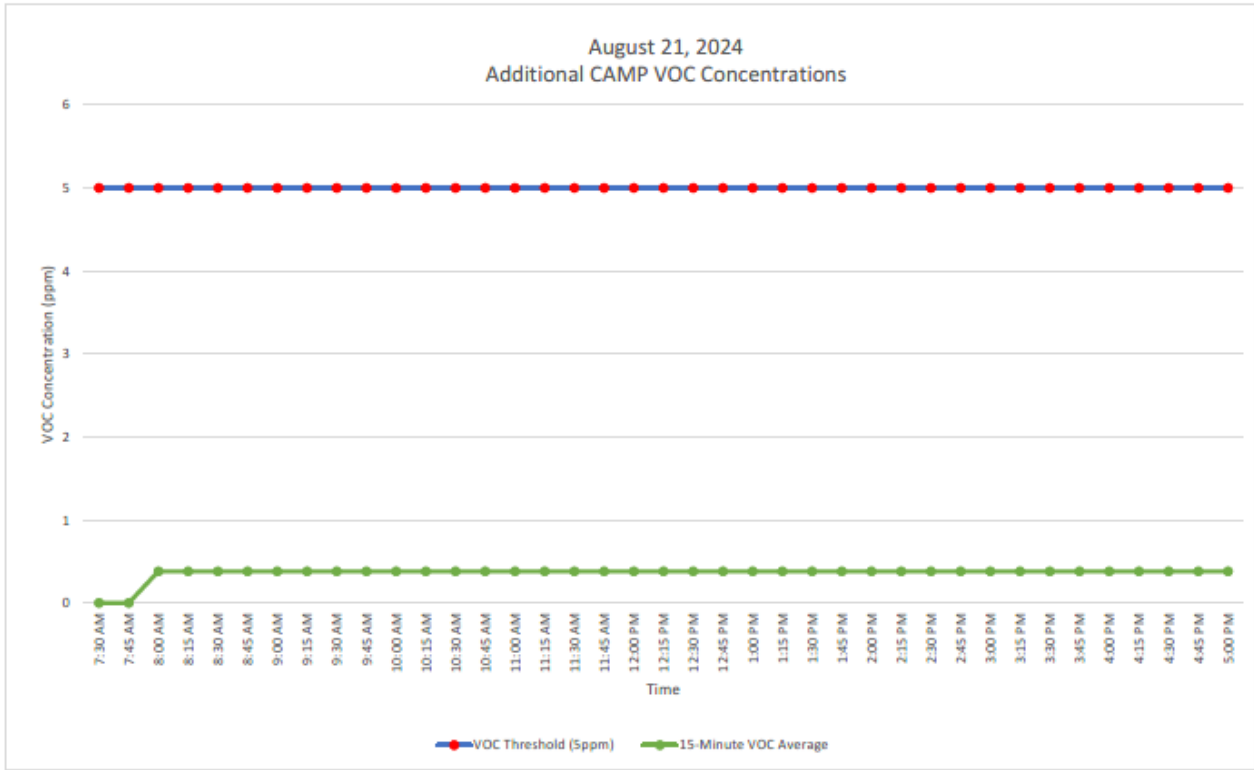
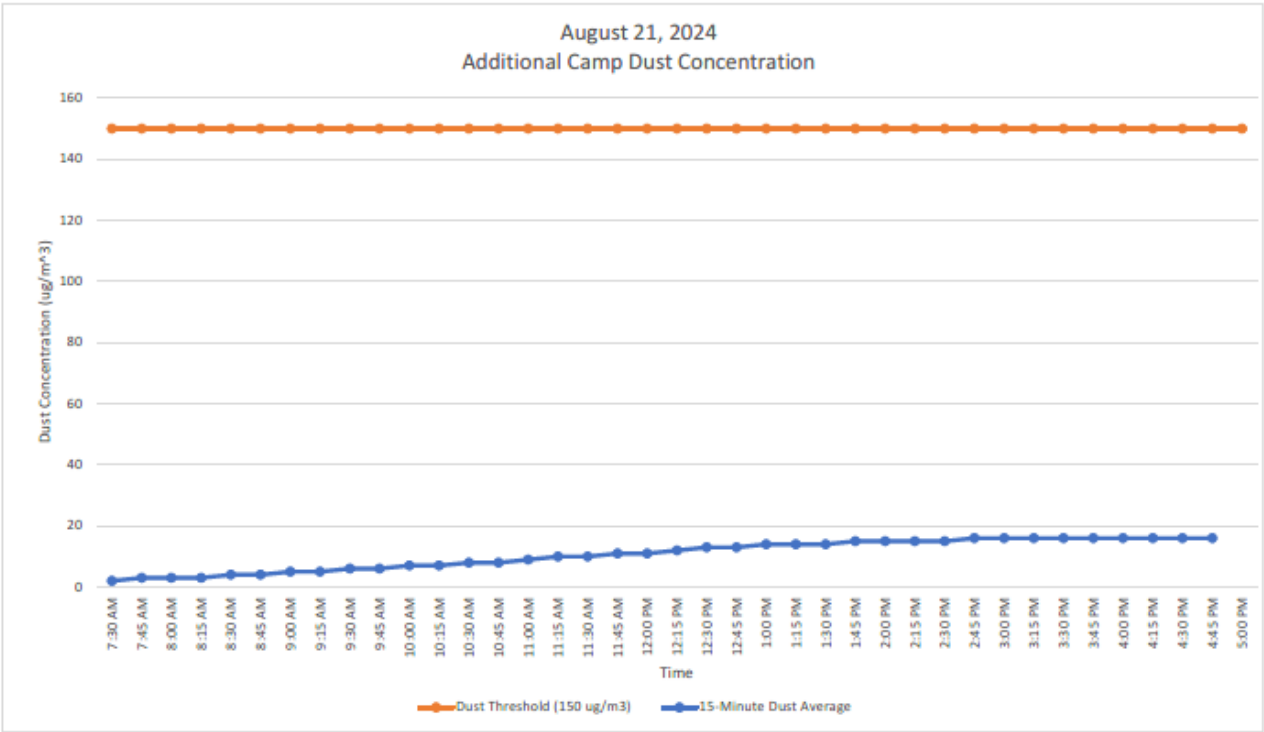
Additional CAMP Daily Instrument Calibration Log

Date: August 21, 2024		Sampling Technician: Mark Frey	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 Pine Environmental CAMP - 801076			
Station 2			
Hand Held			
Pre-Calibration/Standardization:			
PIDs: Zero		Repair Needed: Gas - 100 ppm	
1	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO	1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2	<input type="checkbox"/> YES <input type="checkbox"/> NO	2	<input type="checkbox"/> YES <input type="checkbox"/> NO
Hand Held	<input type="checkbox"/> YES <input type="checkbox"/> NO	Hand Held	<input type="checkbox"/> YES <input type="checkbox"/> NO
Data Rams: Zero			
1	<input type="checkbox"/> YES <input type="checkbox"/> NO		
2	<input type="checkbox"/> YES <input type="checkbox"/> NO		
Hand Held	<input 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 checked="" type="checkbox"/> Avg <input type="checkbox"/> Summary		
Data Rams:			
1	<input checked="" type="checkbox"/> Data		
2	<input type="checkbox"/> Data		
Weather Station: <input type="checkbox"/> YES			
Background Readings:			
PID 1:	0.0	Data Ram 1:	2.00
PID 2:		Data Ram 2:	



GZA DAILY FIELD SUMMARY 007

DATE: 8/21/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 012

DATE: 8/21/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Sunny
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	65.95°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	47.53°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		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Wednesday, August 21, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Mark Frey
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Paul Nelson	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 012

DATE: 8/21/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 8/21/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. (Coastal) installed MW-01-S, MW-01-M, MW-01-D, MW-03-M, and MW-03-D. The shallow well ('S') is screened from 5 to 15 feet below ground surface (ft bgs), the intermediate wells ('M') are screened from 15-25 ft bgs, and the deep wells ('D') are screened from 25-35 ft bgs. The wells were installed with 1" PVC due to repeated obstructions encountered during drilling with augers in attempt to install 2" wells at these locations.
2. GZA developed MW-02-M, MW-04-S, and MW-04-M by pumping groundwater from the installed wells.
3. GZA observed and documented the monitoring well drilling/installation and well development. GZA collected perimeter air monitoring readings during all work activities.

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 (1454–Upwind, 1468– Downwind) with remote telemetry system
- Geoprobe 7722DT
- Hach Turbidity Meter
- Whale Pump

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 35.00 ug/m³

High Conditions – PID: 0.2 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**.

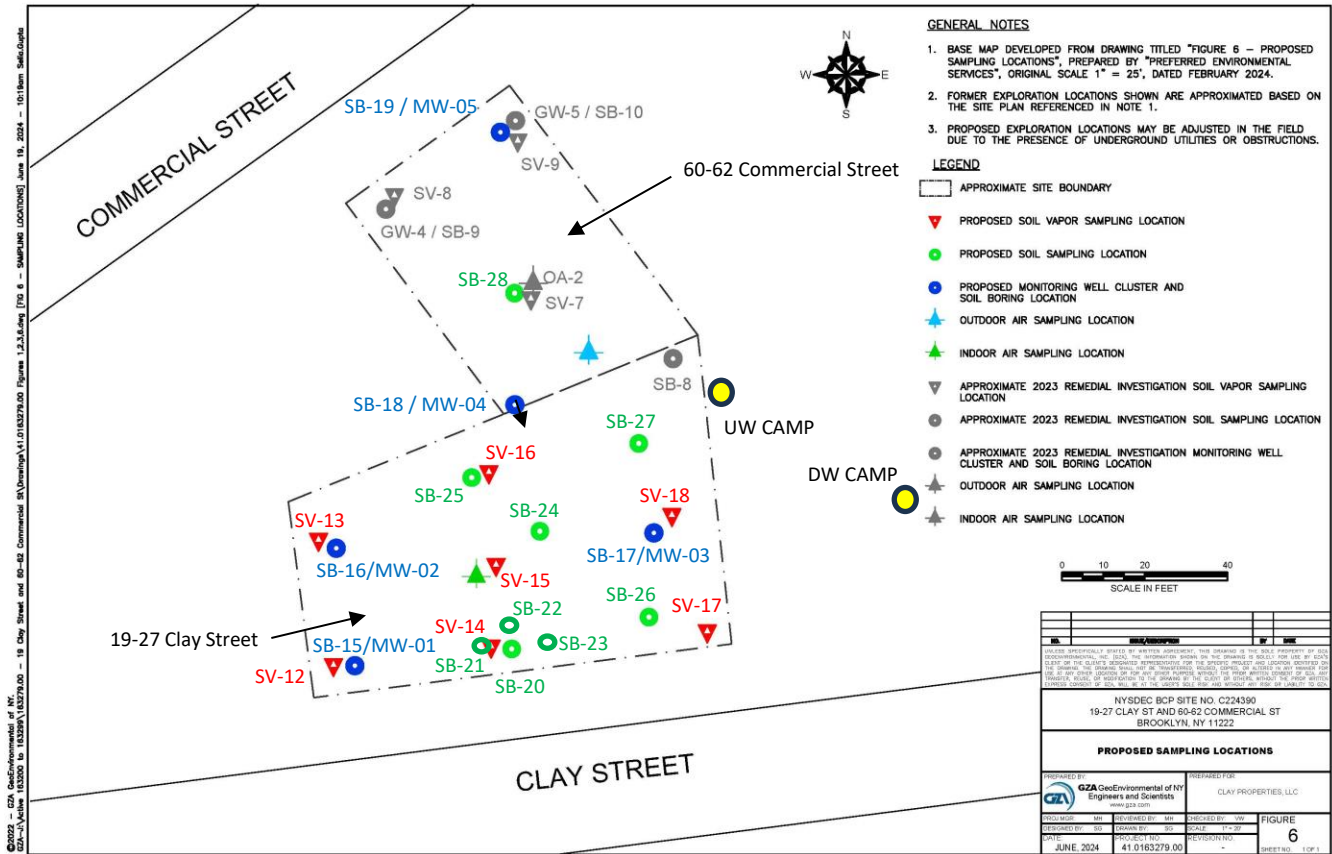
GZA collected perimeter air monitoring readings during all activities with a handheld PID and dust monitor. Results are shown in **Attachment C**.



GZA DAILY FIELD SUMMARY 012

DATE: 8/21/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN

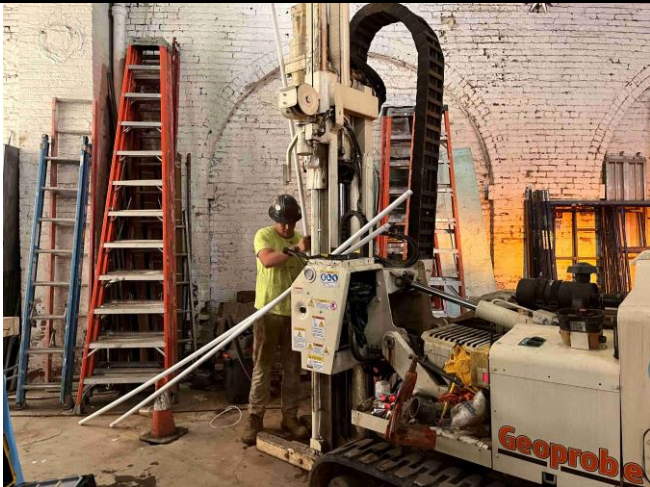
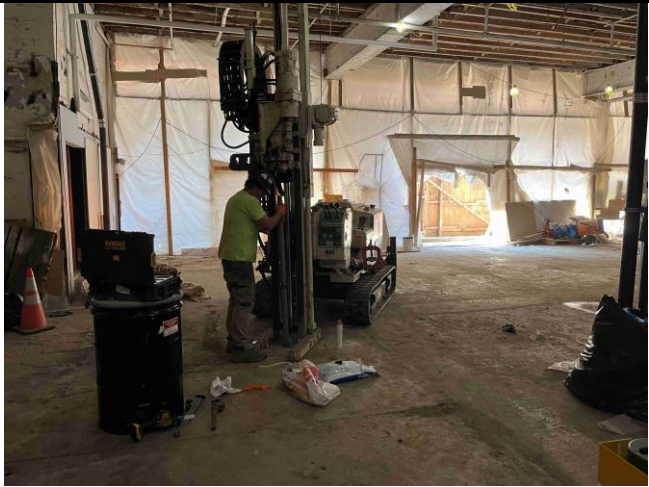






GZA DAILY FIELD SUMMARY 012

DATE: 8/21/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: West	Photo No. 2	Direction Photo Taken South
			
Description: Coastal installing MW-01.		Description: Coastal drilling MW-03.	
Photo No. 3	Direction Photo Taken: South	Photo No. 4	Direction Photo Taken N/A
			
Description: Coastal backfilling MW-03 with FilPro filter sand.		Description: GZA developing MW-04-M.	



GZA DAILY FIELD SUMMARY 012

DATE: 8/21/2024
FILE NO: 41.0163279.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

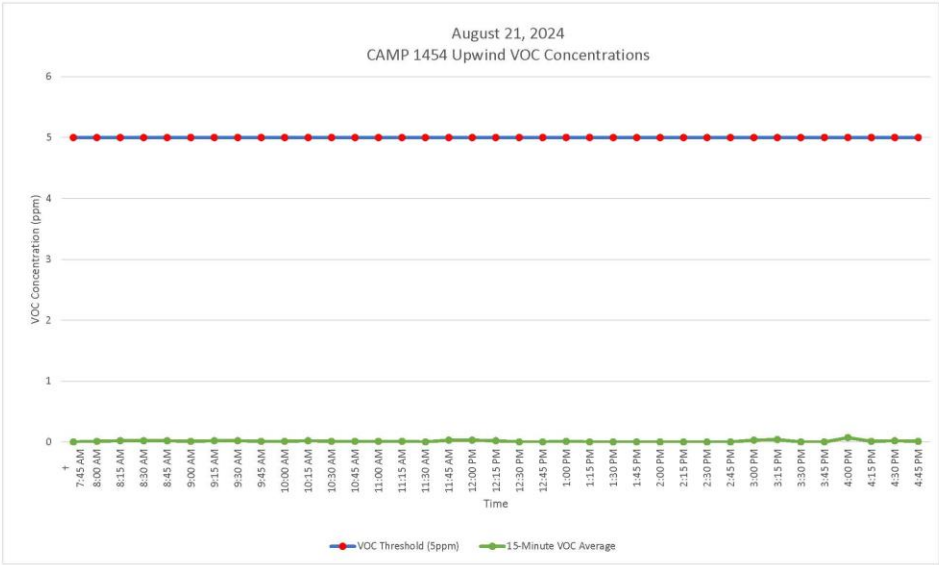
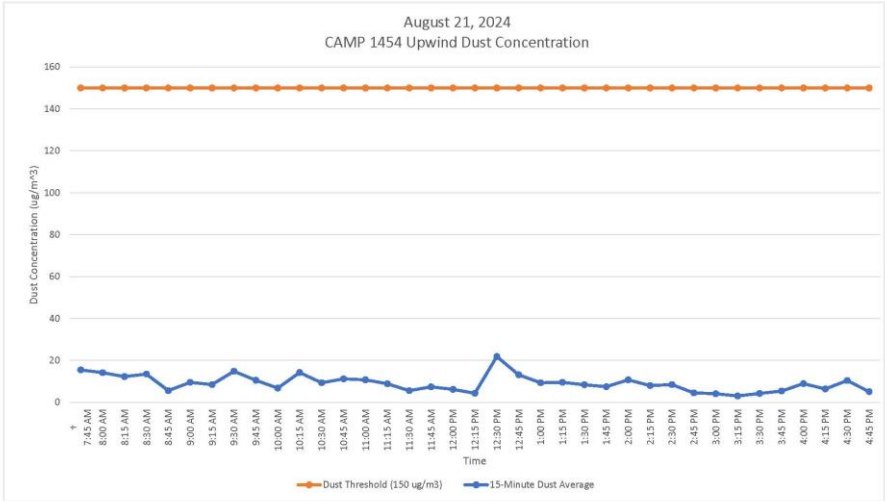
Date: August 21, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1	AirLogics Station 1454		
Station 2	AirLogics Station 1468		
Hand Held	PID Model 580	SN: 592-602785	
Hand Held	SidePak	SN: 853214707	
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	1	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2	<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
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 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:	15.47
PID 2:	0.0	Data Ram 2:	7.74

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



GZA DAILY FIELD SUMMARY 012

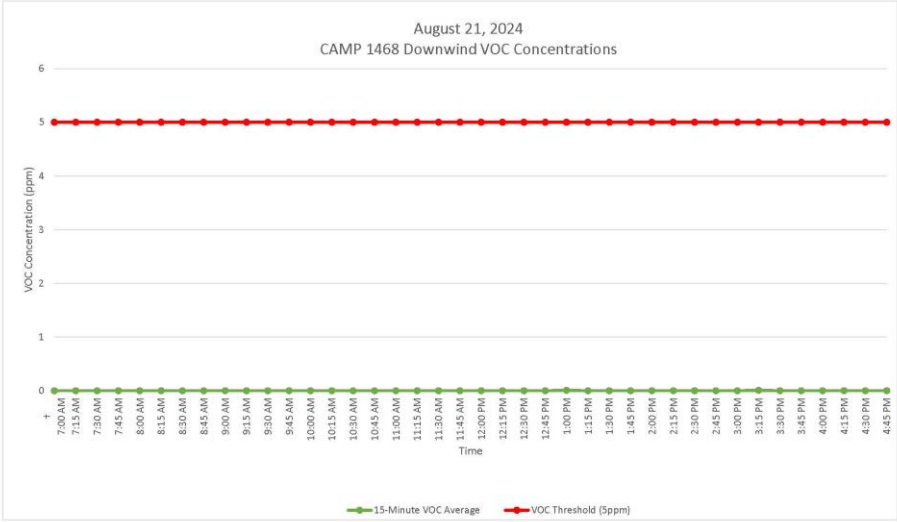
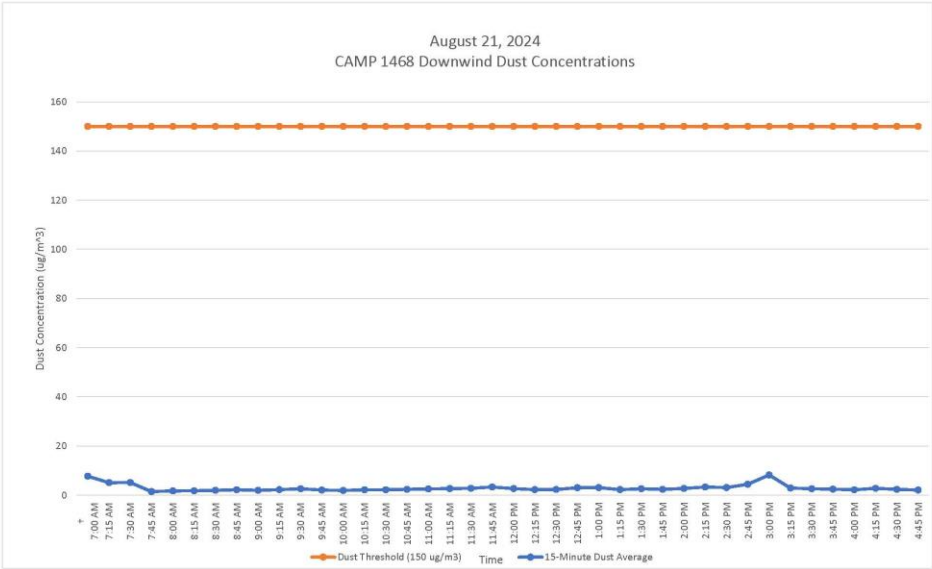
DATE: 8/21/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 012

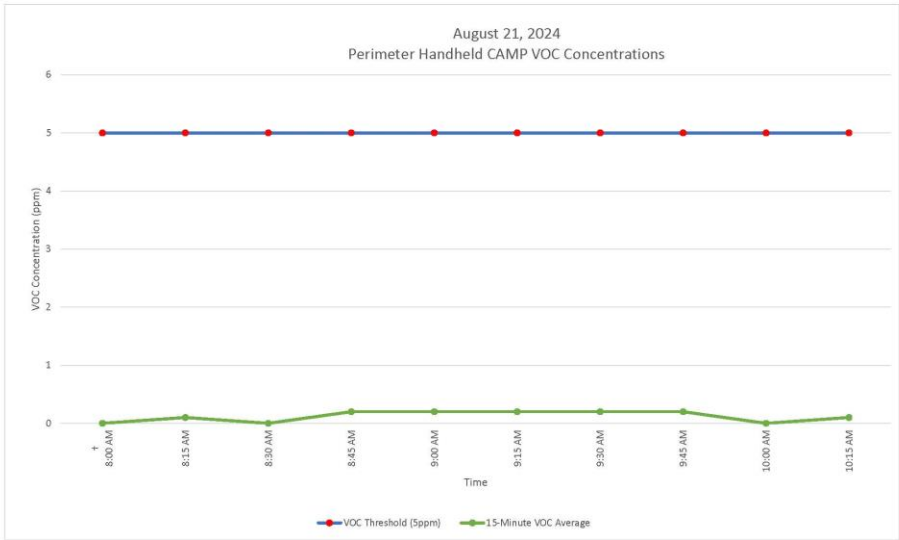
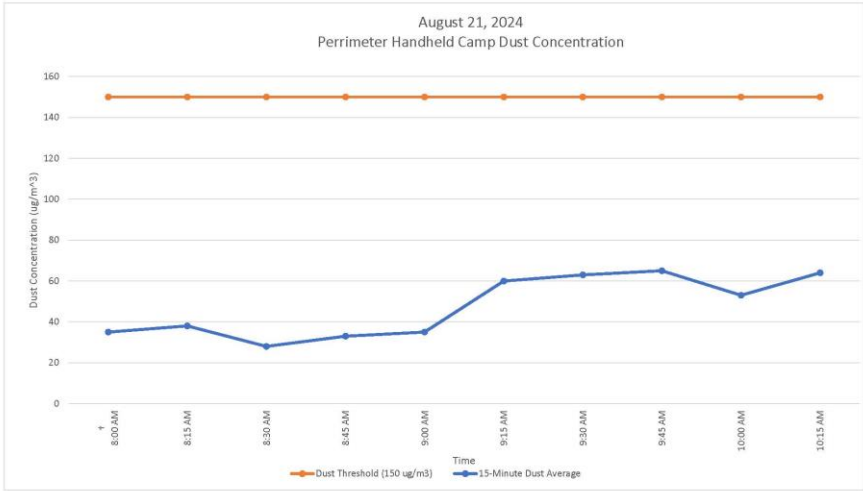
DATE: 8/21/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 012

DATE: 8/21/2024
FILE NO: 41.0163279.00





GZA DAILY FIELD SUMMARY 008

DATE: 8/22/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Cloudy
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	67.63°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	48.94°F
		MAX WIND SPEED	15 mph from NW
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.00 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Thursday, August 22, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro/Paul Nelson	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 008

DATE: 8/22/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Thursday – 8/22/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. (Coastal) drilled soil boring SB-35 from 30 feet below ground surface (ft bgs) to refusal, SB-35-W from 30 ft bgs to refusal, SB-35-N from 30 ft bgs to refusal, and SB-35-20W to 25 ft bgs for VOC Delineation samples. Sampling locations are shown on **Attachment A**.
2. Coastal Environmental Solutions, Inc. (Coastal) installed MW-08-S, MW-08-M, MW-08-D, MW-09-S, MW-09-M, and MW-09-D. The shallow well ('S') is screened from 5 to 15 feet below ground surface (ft bgs), the intermediate wells ('M') are screened from 17-27 ft bgs, and the deep wells ('D') are screened from 29-39 ft bgs.
3. GZA observed and documented the soil boring and monitoring well drilling/installation, logged soil borings and well installation logs, and collected soil samples for laboratory analysis.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Air Logics Community Air Monitoring Program Stations (1454–Downwind, 1468– Upwind, Additional CAMP - 801076) with remote telemetry system
- Eijkelpamp Sonic Samp Drill CRS XL 140 Duo
- Geoprobe 7822DT

VAPOR SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-32(39') – VOC only
- SB-35(35'), SB-35(38') – VOC only
- SB-35-N(32'), SB-35-N(38') – VOC only
- SB-35-W(33'), SB-35-W(39') – VOC only
- SB-35-20W(20'), SB-35-20W(25') - VOC only

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.0 ppm, Particulates: 3.17 ug/m³

High Conditions – PID: 0.04 ppm, Particulates: 27.00 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

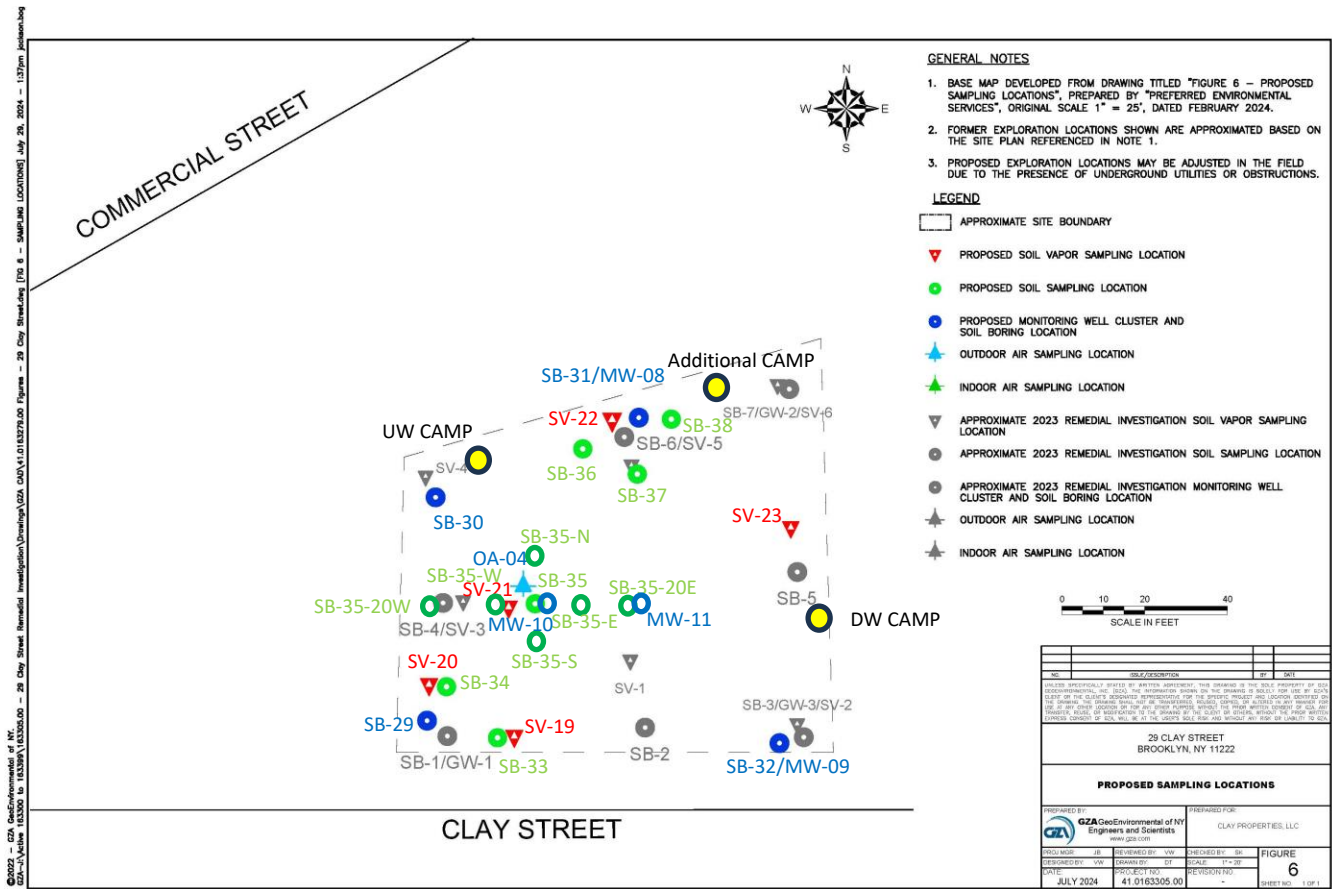
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 008

DATE: 8/22/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN



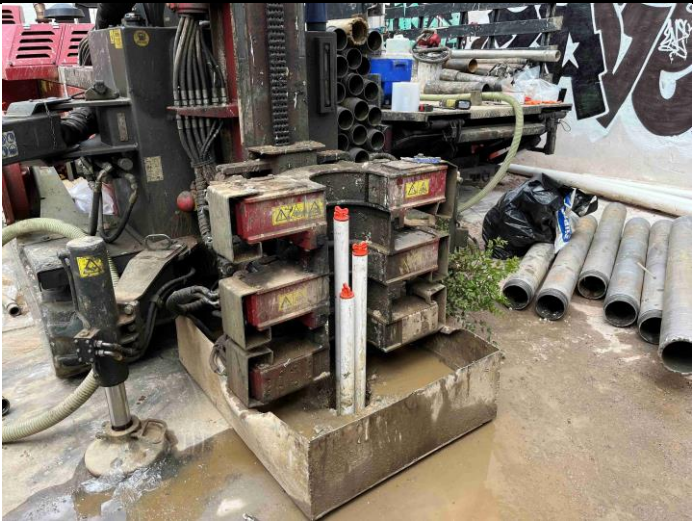





GZA DAILY FIELD SUMMARY 008

DATE: 8/22/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: West	Photo No. 2	Direction Photo Taken East
			
Description: Coastal drilling MW-08 with a sonic drill rig and SB-35-N with a Geoprobe drill rig.		Description: Coastal drilling MW-09.	
Photo No. 3	Direction Photo Taken: Northeast	Photo No. 4	Direction Photo Taken North
			
Description: Installed MW-09-S/M/D cluster wells.		Description: Coastal drilling is SB-35-20W. A CAMP station is shown in the background.	



GZA DAILY FIELD SUMMARY 008

DATE: 8/22/2024
FILE NO: 41.0163305.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

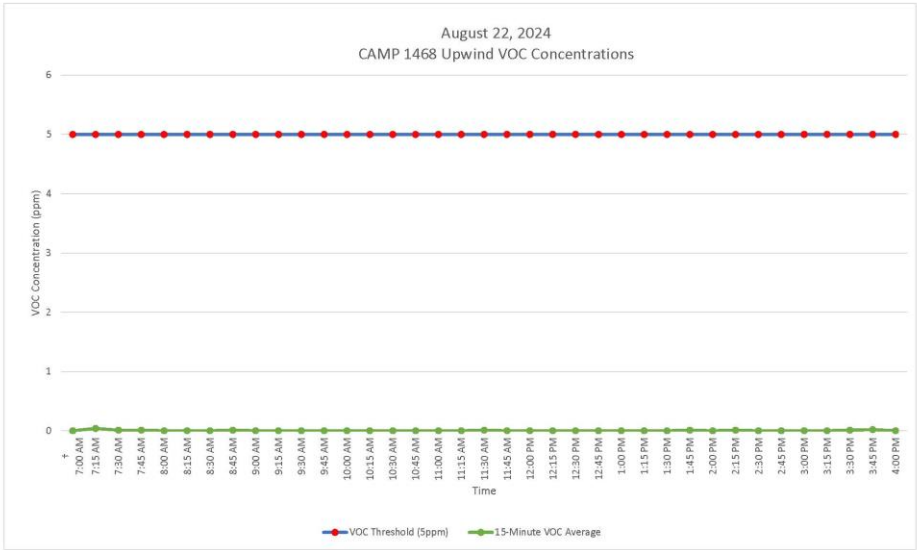
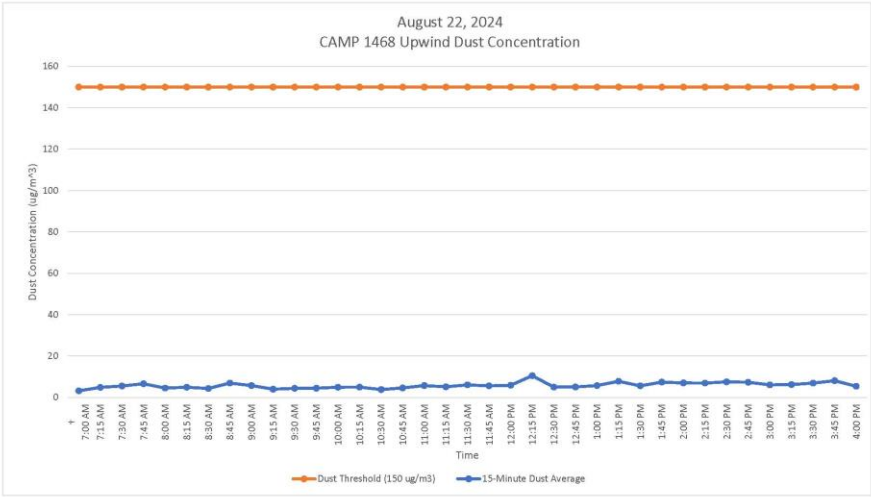
Date: August 22, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand Held <u>PID Model 580</u> <u>SN: 592-602785</u>			
SidePak <u>SN: 853214707</u>			
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 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>20.36</u>	
PID 2: <u>0.0</u>		Data Ram 2: <u>3.17</u>	

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



GZA DAILY FIELD SUMMARY 008

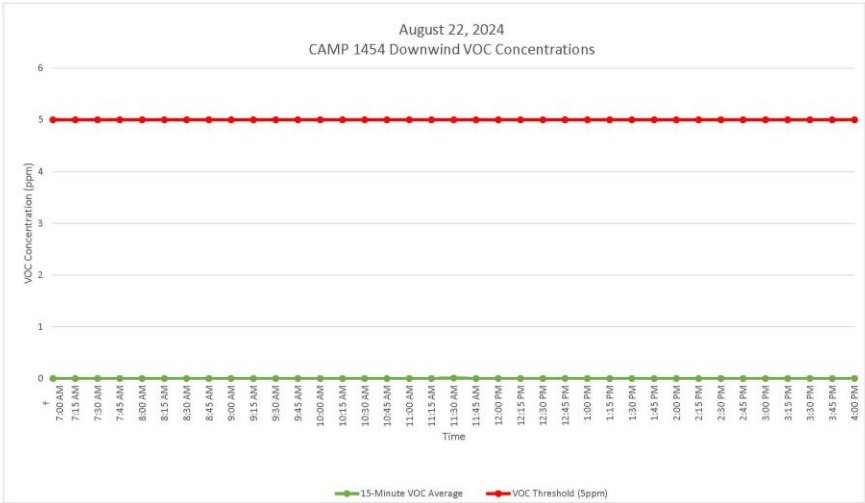
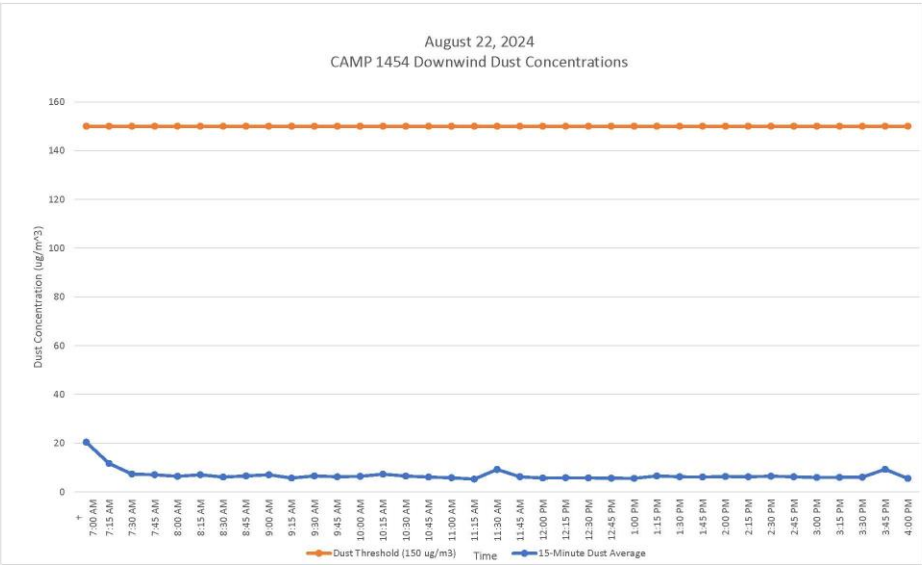
DATE: 8/22/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 008

DATE: 8/22/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 008

DATE: 8/22/2024
FILE NO: 41.0163305.00

Additional CAMP Daily Instrument Calibration Log

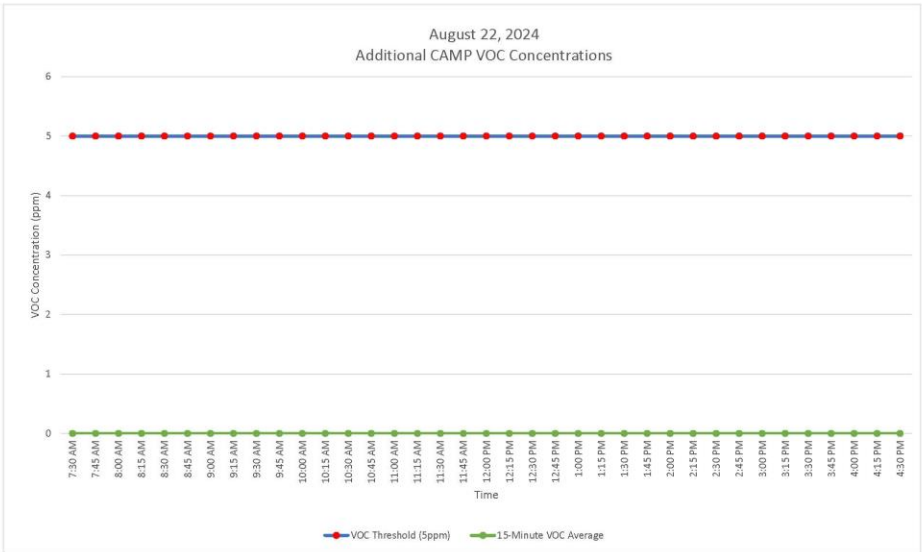
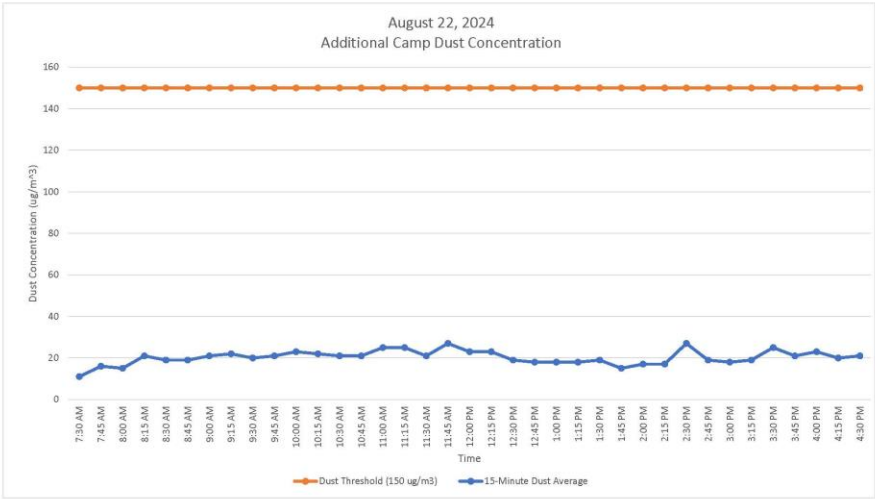
Date: August 22, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 Pine Environmental CAMP - 801076			
Station 2			
Hand Held			
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
2 <input type="checkbox"/> YES <input type="checkbox"/> NO		2 <input type="checkbox"/> YES <input type="checkbox"/> NO	
Hand Held <input type="checkbox"/> YES <input type="checkbox"/> NO		Hand Held <input type="checkbox"/> YES <input type="checkbox"/> NO	
Data Rams: Zero			
1 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
2 <input type="checkbox"/> YES <input type="checkbox"/> NO			
Hand Held <input 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 type="checkbox"/> YES	
Background Readings:			
PID 1: 0.0		Data Ram 1: 11.0	
PID 2:		Data Ram 2:	

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



GZA DAILY FIELD SUMMARY 008

DATE: 8/22/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 013

DATE: 8/22/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Partly Cloudy
PREPARED BY:	Yunmee Han (GZA)	AVE. TEMPERATURE	67.63°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	48.94°F
		MAX WIND SPEED	15 mph from NW
ATTACHMENTS:	A – Site Plan B – Photo Log	PRECIPITATION	0.00 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Thursday, August 22, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	N/A	
SITE VISITORS:	N/A	



GZA DAILY FIELD SUMMARY 013

DATE: 8/22/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Thursday – 8/22/2024

Work Location (Attachment A):

1. No intrusive work was performed at 19 Clay Street.
GZA collected a soil vapor sample (SV-17) and a soil vapor duplicate sample (8.22.2024-SV-Duplicate).

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

EQUIPMENT AND MATERIALS USED ON SITE

- N/A

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

SOIL VAPOR AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- Soil Vapor – SV-17 and 8.22.2024-SV-Duplicate for volatile organic compounds

AIR MONITORING RESULTS:

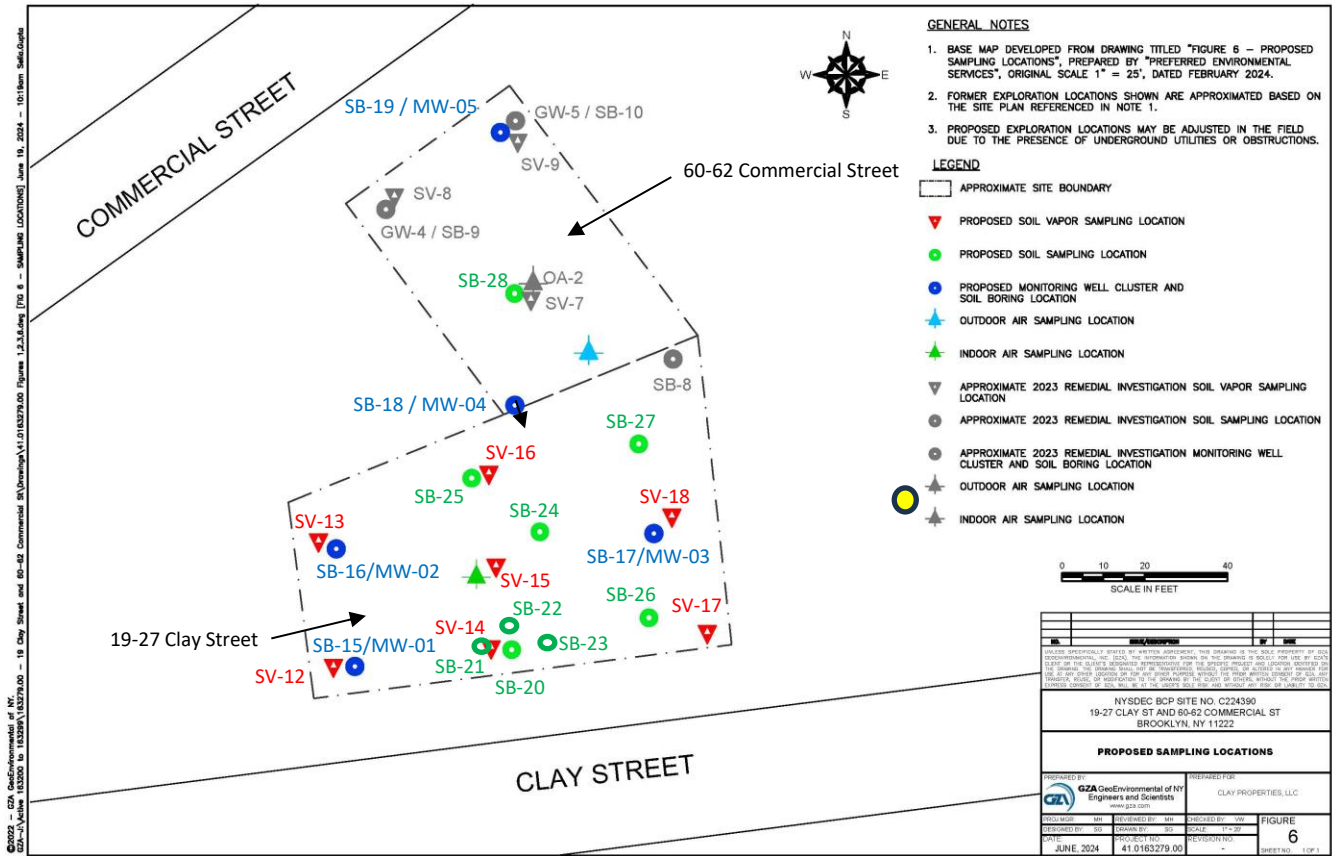
No intrusive work occurred during this monitoring period. Air monitoring was not performed.



GZA DAILY FIELD SUMMARY 013

DATE: 8/22/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 013

DATE: 8/22/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: North	Photo No. 2	Direction Photo Taken South
			
Description: SV-17 and 8.22.2024-SV-Duplicate sample location.		Description: Initial mercury volume of SV-17 prior to sampling.	
Photo No. 3	Direction Photo Taken: South	Photo No. 4	Direction Photo Taken N/A
			
Description: Final canister mercury volume of SV-17		Description: Final canister mercury volume of 8.22.2024-SV-Duplicate	



GZA DAILY FIELD SUMMARY 009

DATE: 8/23/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Clear/Sunny
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	74.00°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	51.46°F
		MAX WIND SPEED	10 mph from NW
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.00 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Friday, August 23, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	Yunmee Han
CONTRACTORS:		
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 009

DATE: 8/23/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Friday – 8/23/2024

Work Location (Attachment A):

1. Coastal Environmental Solutions, Inc. (Coastal) drilled soil borings SB-29 and SB-30 to approximately 40 feet below ground surface (ft bgs) to characterize soil and collect VOC soil samples. Bedrock refusal was encountered between 39 and 40 ft bgs at both locations. Sampling locations are shown on **Attachment A**.
2. Coastal Environmental installed steel casing in the locations of SB-29/MW-06 and SB-30/MW-07 to 30 feet below ground surface to prevent vertical migration of contamination.
3. Coastal installed MW-06-S (5-15'), MW-06-D (30-40'), MW-07-S (5-15'), MW-07-M (17-25'), and MW-07-D (30-40'). Screened intervals are shown next to the well ID.
4. GZA developed MW-08-M and MW-08-D by pumping well water with a whale pump.
5. GZA observed and documented the soil boring and monitoring well drilling/installation, logged soil borings and well installation logs, and collected soil samples for laboratory analysis.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Handheld Rae Systems MiniRae 3000 PID
- Handheld DusTrak
- Air Logics Community Air Monitoring Program Stations (1454–Downwind, 1468– Upwind, Additional CAMP - 801076) with remote telemetry system
- Eijkelpkamp Sonic Samp Drill CRS XL 140 Duo
- Hach Turbidity Meter
- Whale pump

VAPOR SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- SB-29(33') + matrix spike/matrix spike duplicate, SB-29(39.5')+blind duplicate
- SB-30(37'), SB-30(40') – VOC only

AIR MONITORING RESULTS:

Background Prestart Conditions – PID: 0.00 ppm, Particulates: 9.57 ug/m³

High Conditions – PID: 0.03 ppm, Particulates: 48.00 ug/m³

µg/mg³ = micrograms per cubic meter

ppm – parts per million

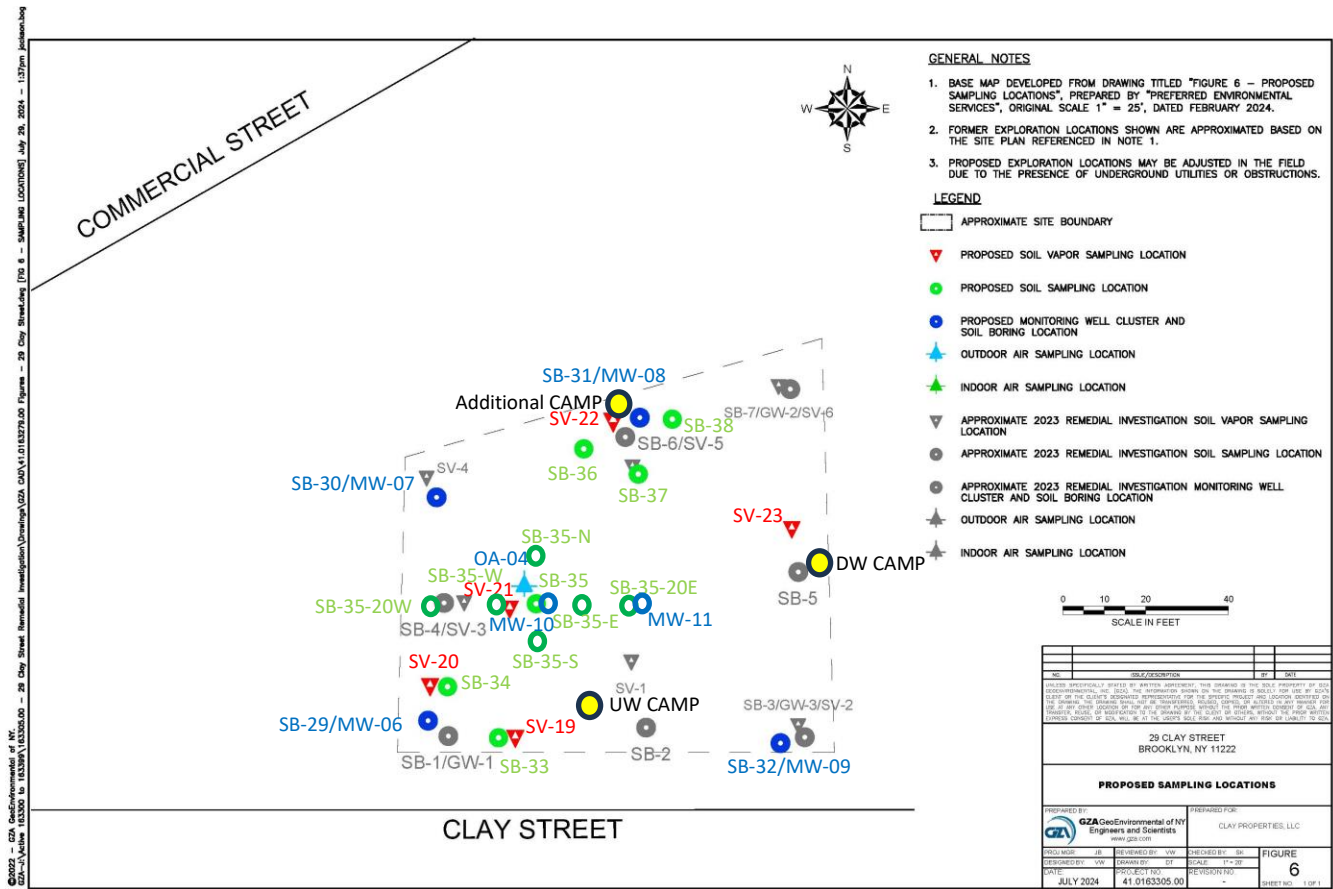
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



GZA DAILY FIELD SUMMARY 009

DATE: 8/23/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN





GZA DAILY FIELD SUMMARY 009

DATE: 8/23/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: North	Photo No. 2	Direction Photo Taken West
			
Description: Coastal drilling MW-07 with a sonic drill rig		Description: Coastal drilling MW-06.	
Photo No. 3	Direction Photo Taken: North	Photo No. 4	Direction Photo Taken East
			
Description: GZA developing MW-08 wells. The additional CAMP station is shown adjacent to the site perimeter.		Description: Staging area for IDW drums. The CAMP station is shown adjacent to the site perimeter.	



GZA DAILY FIELD SUMMARY 009

DATE: 8/23/2024
FILE NO: 41.0163305.00

ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

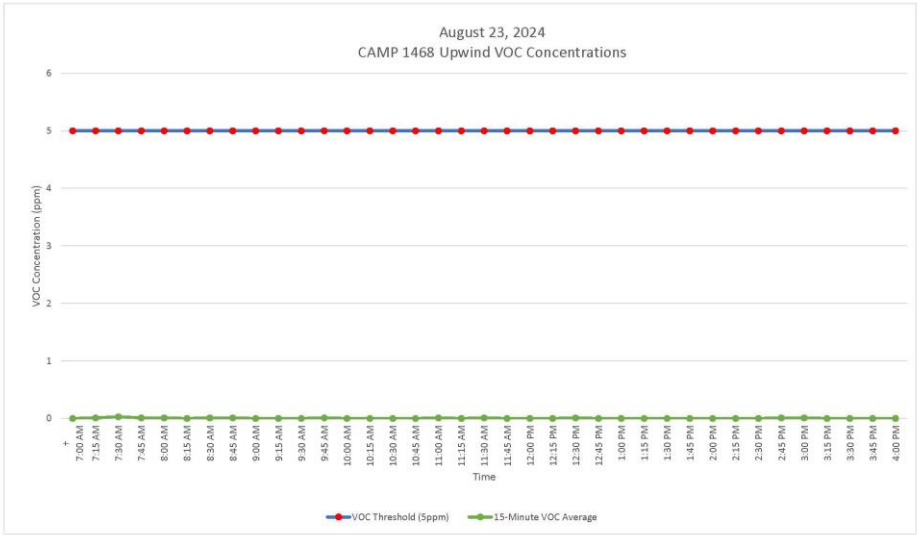
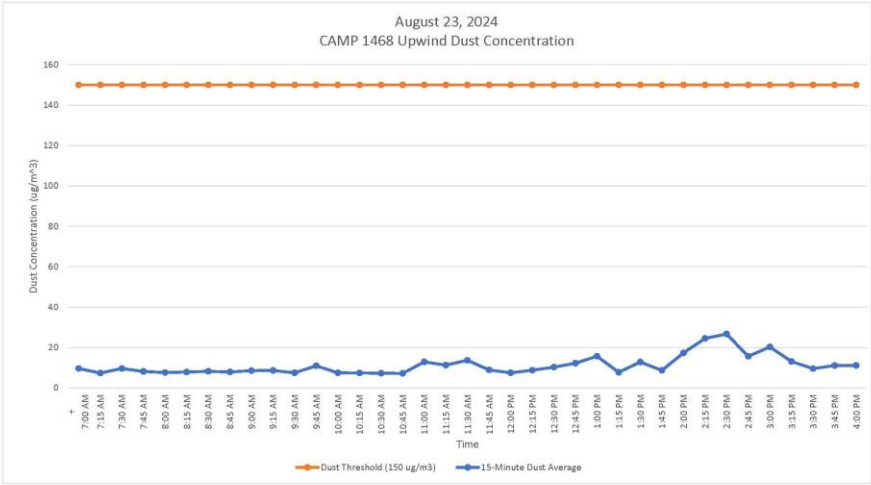
Date: August 23, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 <u>AirLogics Station 1454</u>			
Station 2 <u>AirLogics Station 1468</u>			
Hand Held <u>PID Model 580</u> <u>SN: 592-602785</u>			
SidePak <u>SN: 853214707</u>			
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
2 <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	
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 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>10.5</u>	
PID 2: <u>0.0</u>		Data Ram 2: <u>9.57</u>	

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



GZA DAILY FIELD SUMMARY 009

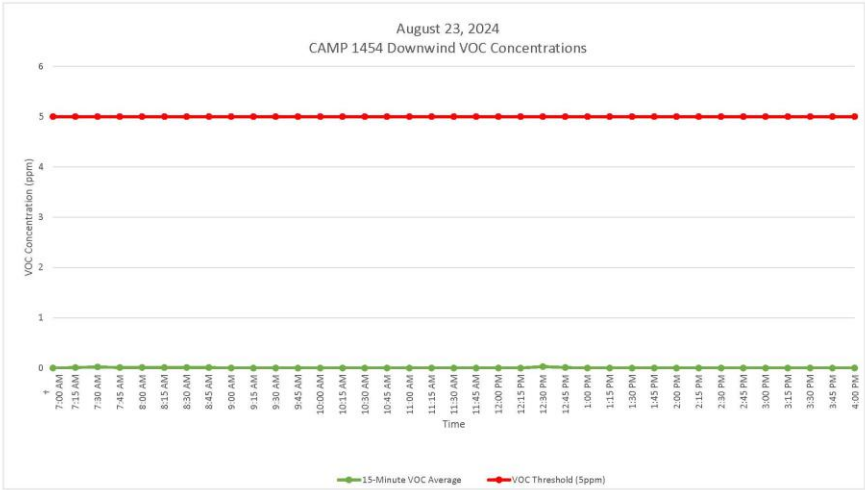
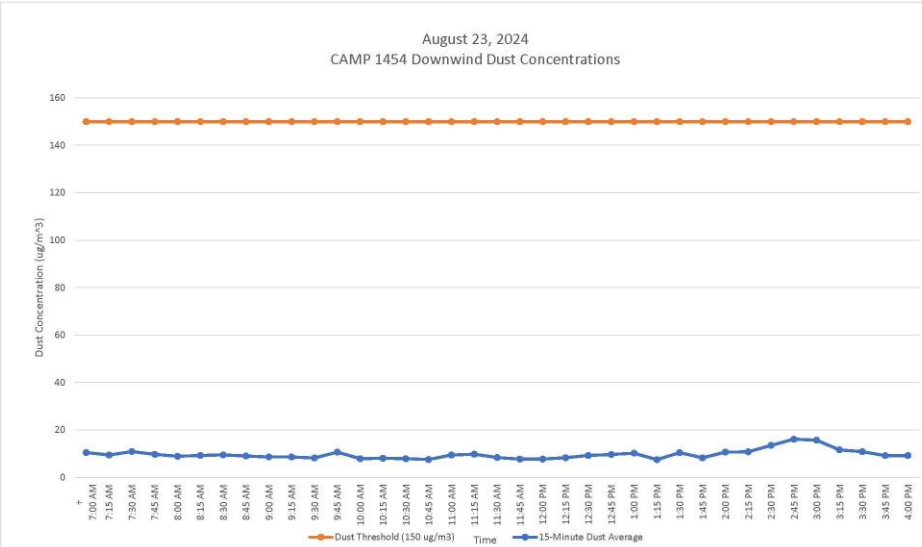
DATE: 8/23/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 009

DATE: 8/23/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 009

DATE: 8/23/2024
FILE NO: 41.0163305.00

Additional CAMP Daily Instrument Calibration Log

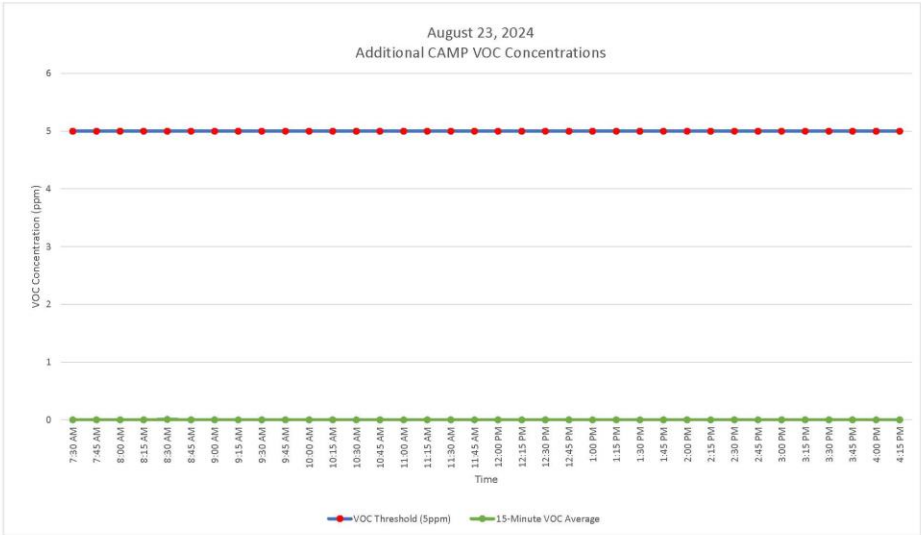
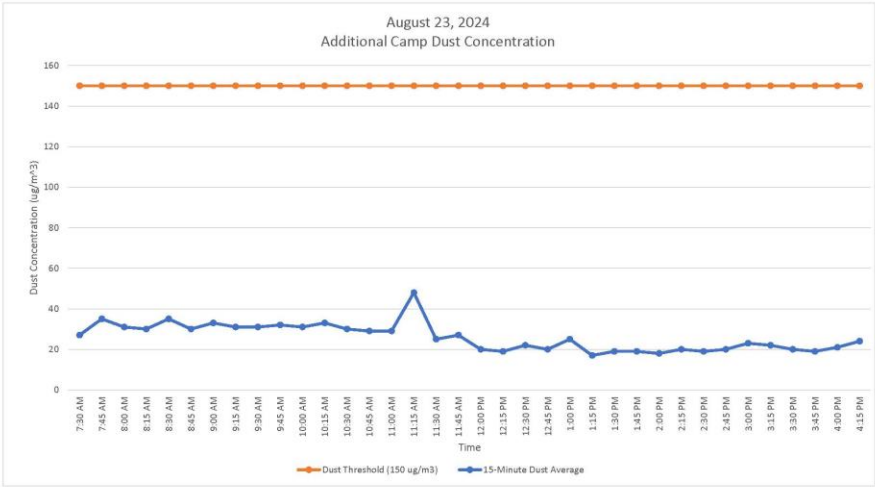
Date: August 23, 2024		Sampling Technician: Jackson Bogach	
Project #: 41.0163305.00		Project Name: 29 Clay Street	
Instruments Used:			
Station 1 Pine Environmental CAMP - 801076			
Station 2			
Hand Held			
Pre-Calibration/Standardization:		Repair Needed:	
PIDs: Zero		Gas - 100 ppm	
1 <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		1 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
2 <input type="checkbox"/> YES <input type="checkbox"/> NO		2 <input type="checkbox"/> YES <input type="checkbox"/> NO	
Hand Held <input type="checkbox"/> YES <input type="checkbox"/> NO		Hand Held <input type="checkbox"/> YES <input type="checkbox"/> NO	
Data Rams: Zero			
1 <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
2 <input type="checkbox"/> YES <input type="checkbox"/> NO			
Hand Held <input 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 type="checkbox"/> YES	
Background Readings:			
PID 1: 0.0		Data Ram 1: 27.0	
PID 2:		Data Ram 2:	

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



GZA DAILY FIELD SUMMARY 009

DATE: 8/23/2024
FILE NO: 41.0163305.00





GZA DAILY FIELD SUMMARY 010

DATE: 8/26/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Cloudy/Light Rain
PREPARED BY:	Matt DiLorenzo (GZA)	AVE. TEMPERATURE	77.41°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	60.59°F
		MAX WIND SPEED	10 mph from SSE
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.02 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Monday, August 26, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	Matt DiLorenzo
CONTRACTORS:		
SUBCONTRACTORS:		
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 010

DATE: 8/26/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Monday – 8/26/2024

Work Location (Attachment A):

1. GZA developed MW-08-S, MW-07-D, MW-07-M and MW-07-S by pumping well water with a whale pump.
2. GZA completed well installation logs for each location.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Hach Turbidity Meter
- Whale pump

VAPOR SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

AIR MONITORING RESULTS:

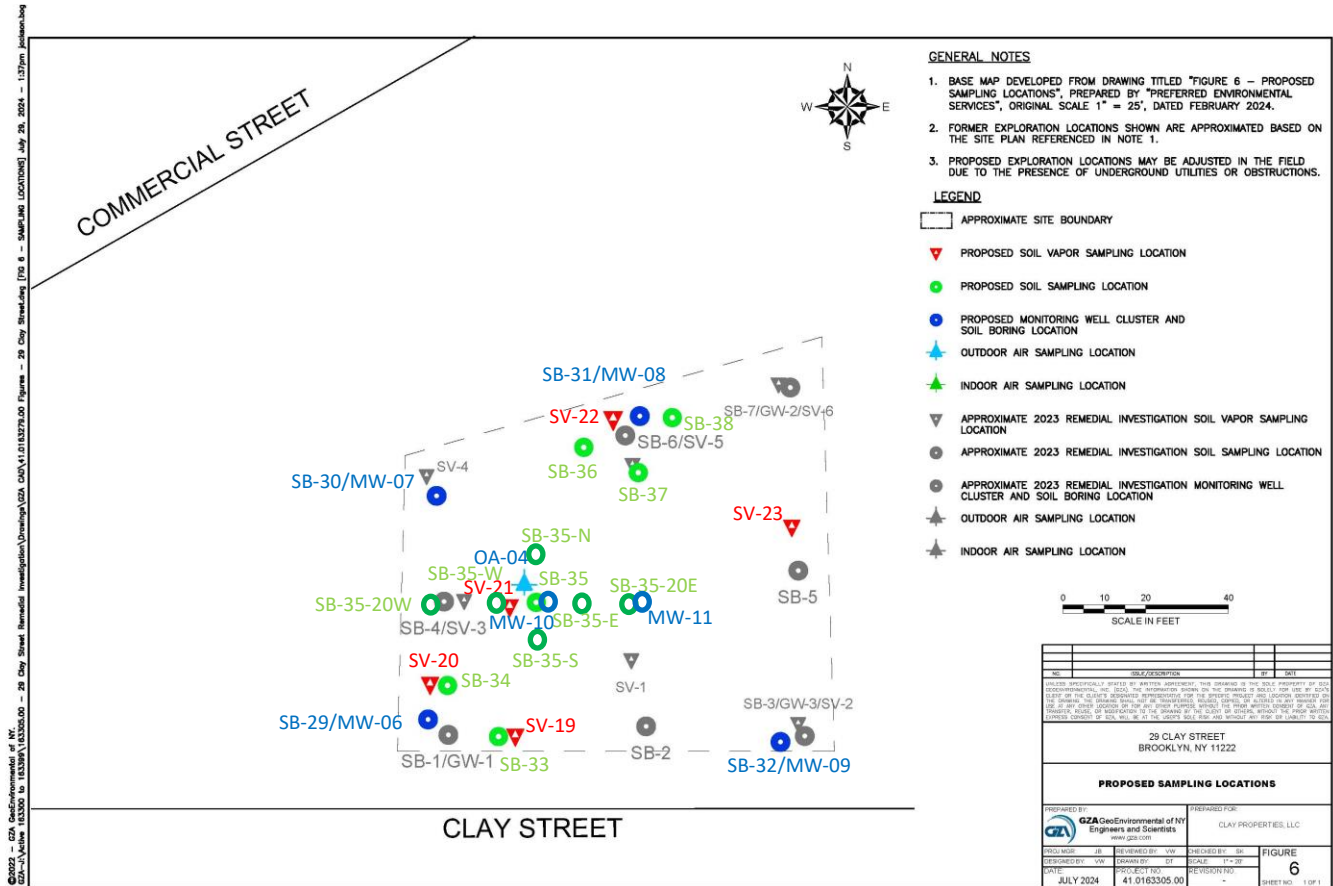
- N/A



GZA DAILY FIELD SUMMARY 010

DATE: 8/26/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 010

DATE: 8/26/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: Northeast	Photo No. 2	Direction Photo Taken South
			
Description: GZA developing MW-7 wells.		Description: GZA developing MW-07-D well.	
Photo No. 3	Direction Photo Taken: North	Photo No. 4	Direction Photo Taken Southeast
			
Description: GZA developing MW-07-S well.		Description: Site at end of day.	



GZA DAILY FIELD SUMMARY 013

DATE: 8/26/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Partly Cloudy/Overcast
PREPARED BY:	Yunmee Han (GZA)	AVE. TEMPERATURE	77.25°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	60.44°F
		MAX WIND SPEED	7 mph from NW
ATTACHMENTS:	A – Site Plan B – Photo Log	PRECIPITATION	0.00 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Monday, August 26, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	Matt DiLorenzo
CONTRACTORS:		
SUBCONTRACTORS:	N/A	
SITE VISITORS:	N/A	



GZA DAILY FIELD SUMMARY 013

DATE: 8/26/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Monday – 8/26/2024

Work Location (Attachment A):

1. No intrusive work was performed at 19 Clay Street.
2. GZA developed MW-01-S, MW-01-M, MW-01-D, MW-03-S, MW-03-M, and MW-03-D by pumping groundwater from the installed wells.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Hach Turbidity Meter
- Geopump Peristaltic Pump

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

SOIL VAPOR AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

AIR MONITORING RESULTS:

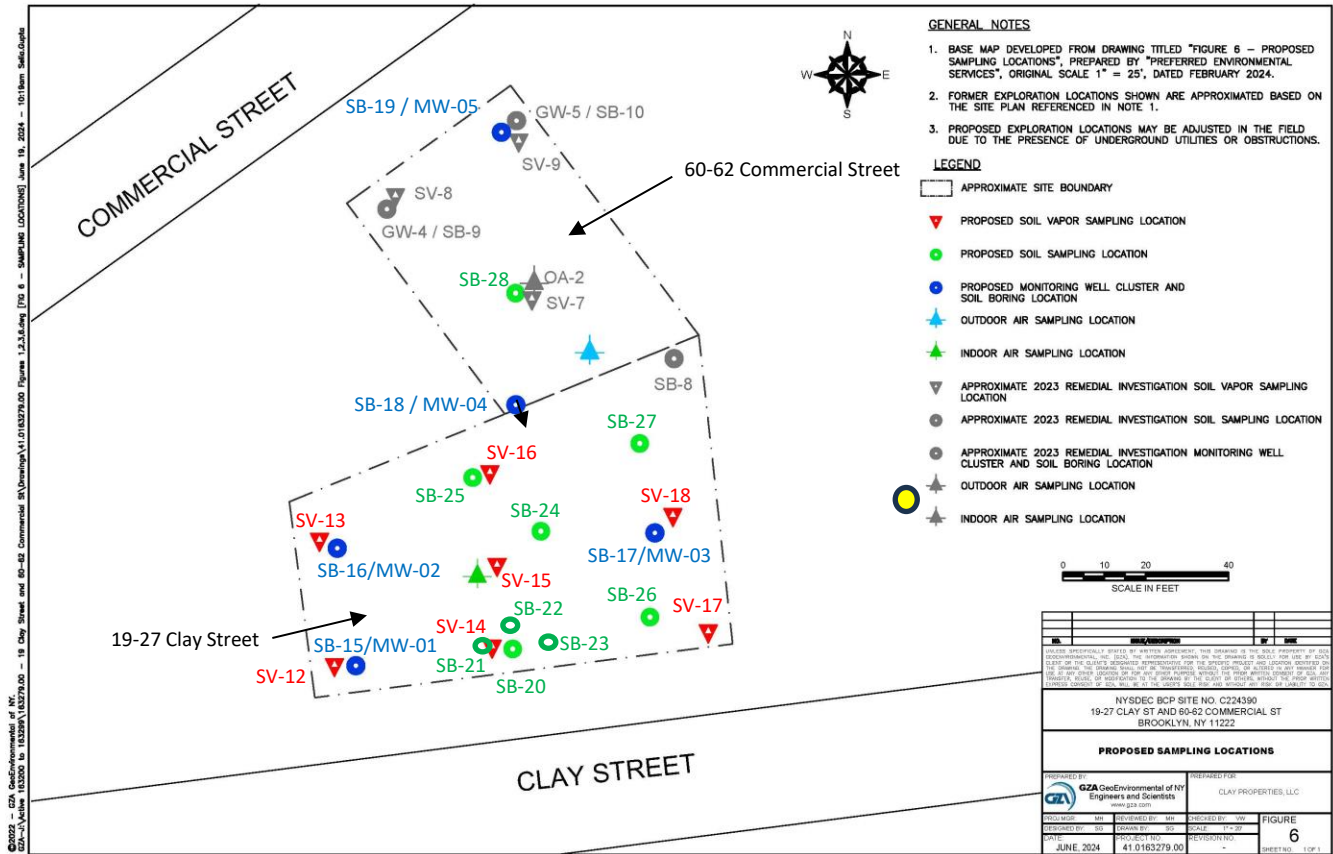
No intrusive work occurred during this monitoring period. Air monitoring was not performed.



GZA DAILY FIELD SUMMARY 013

DATE: 8/26/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 013

DATE: 8/26/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: South	Photo No. 2	Direction Photo Taken N/A
			
Description: Purging setup at MW-01		Description: GZA developing MW-01-M	
Photo No. 3	Direction Photo Taken: Southwest	Photo No. 4	Direction Photo Taken N/A
			
Description: Purging Set up at MW-03		Description: GZA developing MW-03-M	



GZA DAILY FIELD SUMMARY 010

DATE: 8/27/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Partly Cloudy/Sunny
PREPARED BY:	Yunmee Han (GZA)	AVE. TEMPERATURE	75.69°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	62°F
		MAX WIND SPEED	14 mph from S
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.00 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Tuesday, August 27, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	
CONTRACTORS:		
SUBCONTRACTORS:		
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 010

DATE: 8/27/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 8/27/2024

Work Location (Attachment A):

1. GZA developed MW-09-S, MW-09-D, MW-09-M, MW-06-S, MW-06-D, MW-10-S, MW-10-D, MW-10-D, MW-10-M, MW-11-S, MW-11-D, and MW-011-M by pumping well water with a whale pump.
2. A sheen/product was observed in the groundwater from MW-10-M and MW-11-M. Once it was identified, purging was immediately stopped. Tubing from these wells was disposed of in a 55-gallon drum after a single use. The whale pump was thoroughly decontaminated after each well cluster, in addition to regular decontamination after each individual well.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Hach Turbidity Meter
- Whale pump

VAPOR SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- N/A

AIR MONITORING RESULTS:

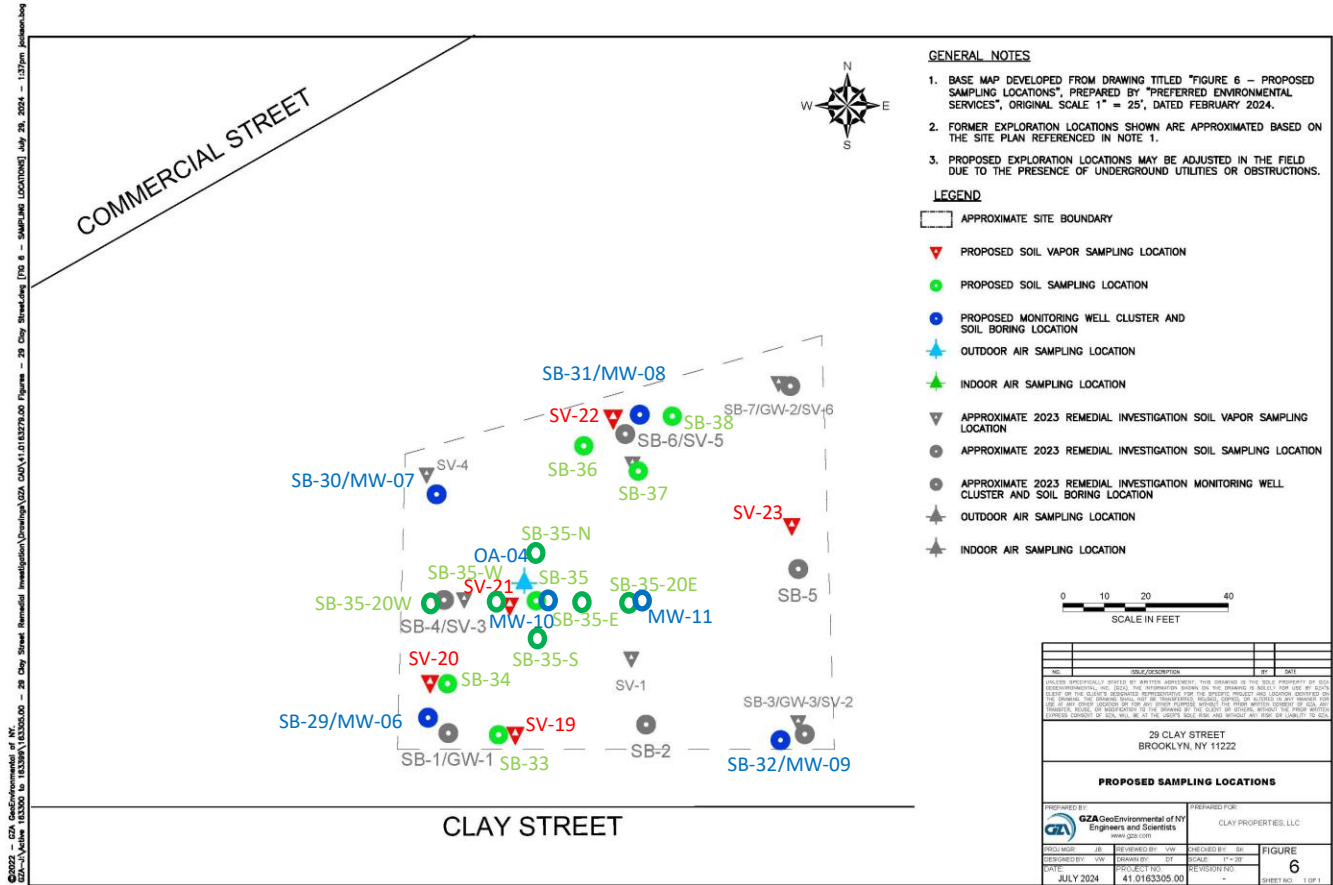
- N/A



GZA DAILY FIELD SUMMARY 010

DATE: 8/27/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 010

DATE: 8/27/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken Southwest
			
Description: GZA developing MW-09-D.		Description: GZA developing MW-10-D.	
Photo No. 3	Direction Photo Taken: N/A	Photo No. 4	Direction Photo Taken Southwest
			
Description: Water purged from MW-11-M		Description: Decontamination of the whale pump using Alconox and DI water, and then purging it through the pump into a 55-gallon drum.	



GZA DAILY FIELD SUMMARY 015

DATE: 8/28/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Sunny
PREPARED BY:	Jackson Bogach (GZA)	AVE. TEMPERATURE	80.27°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	64.80°F
		MAX WIND SPEED	9 mph from W
ATTACHMENTS:	A – Site Plan B – Photo Log	PRECIPITATION	0.00 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Wednesday, August 28, 2024	
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	
CONTRACTORS:		
SUBCONTRACTORS:	N/A	
SITE VISITORS:	N/A	



GZA DAILY FIELD SUMMARY 015

DATE: 8/28/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 8/28/2024

Work Location (Attachment A):

1. GZA collected sample SV-16. SV-16 was previously collected on August 20; however, GZA was notified by the laboratory that the summa canister was depressurized during the analytical process, rendering the data invalid. Therefore, GZA re-collected SV-16 in the same location.
2. No intrusive work was performed at 19 Clay Street.

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

EQUIPMENT AND MATERIALS USED ON SITE

- No equipment used

FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- No samples collected during this monitoring period.

SOIL VAPOR AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- SV-16 – Soil vapor sample

AIR MONITORING RESULTS:

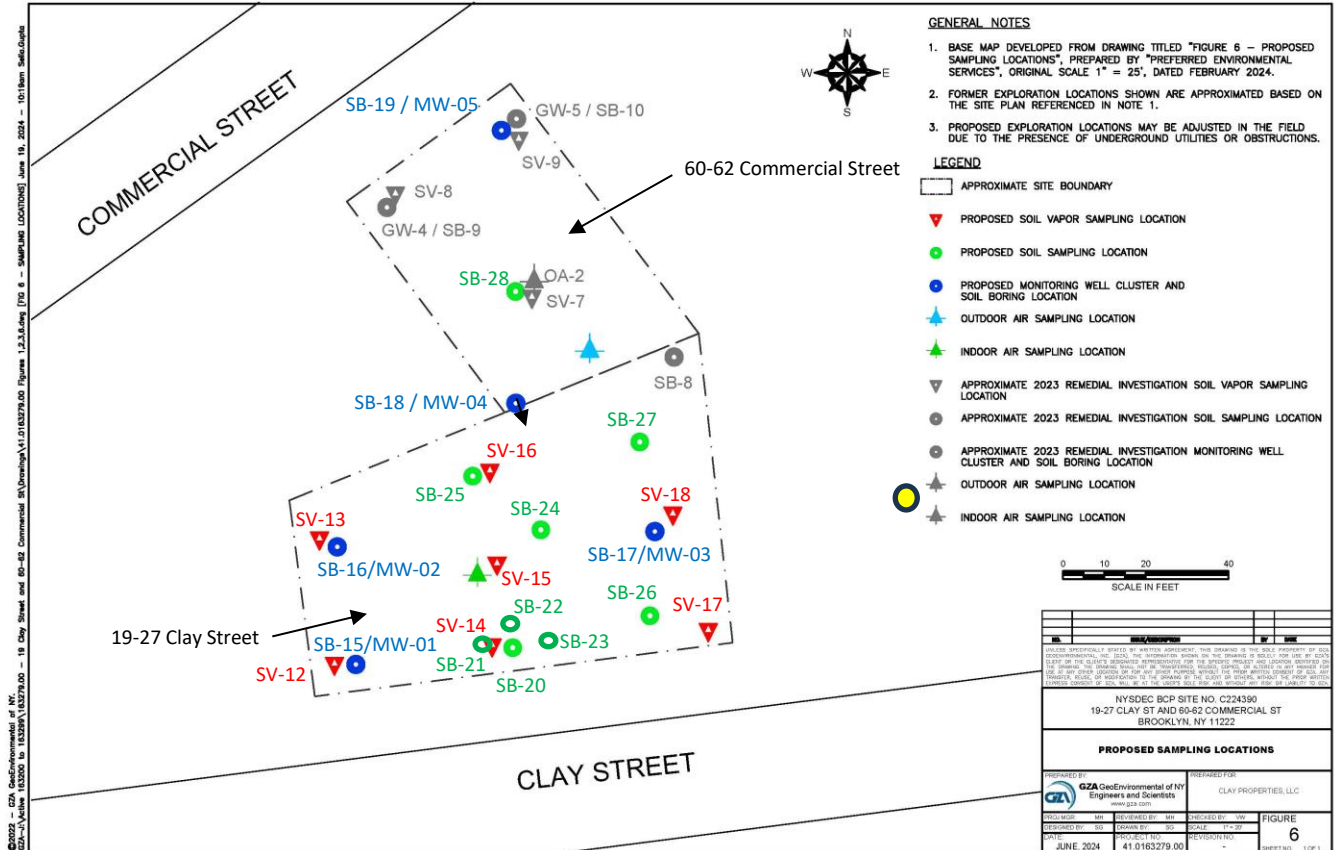
No intrusive work occurred during this monitoring period. Air monitoring was not performed.



GZA DAILY FIELD SUMMARY 015

DATE: 8/28/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN

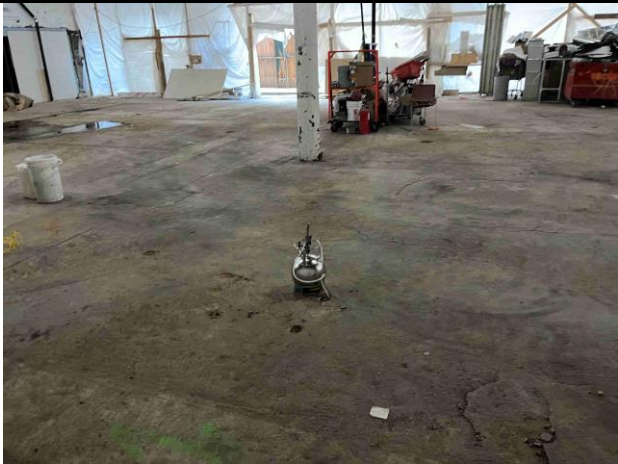



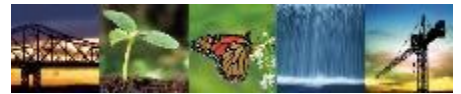


GZA DAILY FIELD SUMMARY 015

DATE: 8/28/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: South	Photo No. 2	Direction Photo Taken North
 A wide-angle photograph of a large, open indoor space, possibly a warehouse or industrial facility. The floor is dark and appears to be concrete or asphalt. In the center of the frame, a small, silver, cylindrical canister (SV-16) is visible. The background shows various pieces of equipment, including a red forklift, and some structural elements like pillars and overhead lighting.		 A close-up photograph of the SV-16 canister. The canister is silver and cylindrical, with a small, dark, rectangular label on its side. It is positioned on a dark, textured surface. The background is a light-colored, possibly white, wall or structure.	
Description: Location of SV-16.		Description: SV-16 summa canister during sample collection.	



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New York, NY 10001
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F: 212.279.8180
www.gza.com

MONTHLY PROGRESS REPORT

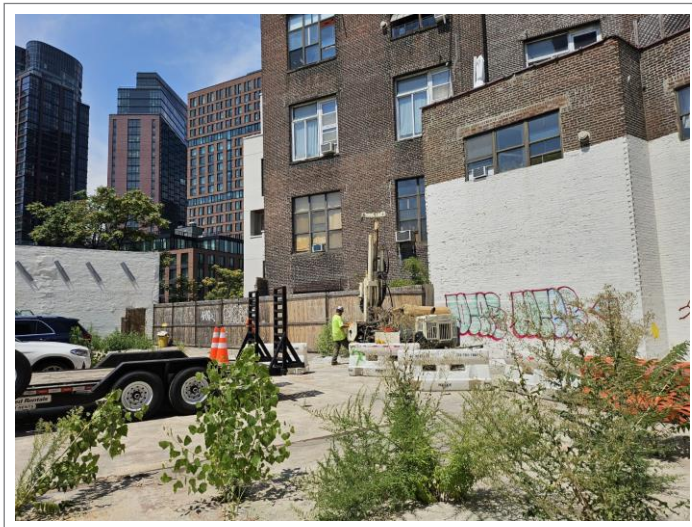
REMEDIAL INVESTIGATION 29 CLAY STREET, BROOKLYN, NY 11222 Block 2482 Lot 53

BCP SITE NO. C224408

PERIOD: August 5, 2024 to August 30, 2024

REPORT DATE: September 10, 2024

File No.: 41.0163305.00



PREPARED FOR:

Clay Properties, LLC

134 North 4th Street
Brooklyn, NY 11249

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

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32 Offices Nationwide
www.gza.com

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MONTHLY PROGRESS REPORT

29 Clay Street, Brooklyn, NY
Brownfield Cleanup Program No. C224408

Monthly Progress Report No. 01
Period: August 5, 2024 to August 30, 2024

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C22408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	PERSONNEL
QEP:	GZA
CONTRACTORS:	--
SUBCONTRACTORS:	Coastal Environmental Solutions (Coastal)
	AARCO

I. Activities Conducted During Reporting Month

• Site Work Summary

- Coastal drilled soil vapor points SV-19, SV-20, SV-21, SV-22, and SV-23, SV-17, and SV-18. All soil vapor points were drilled to 4-feet below ground surface.
- Coastal drilled soil borings SB-29, SB-30, SB-31, SB-32, SB-33, SB-34, SB-35, SB-35-S, SB-35-E, SB-35-20E, SB-35-10W, SB-35-10N, SB-35-20W, SB-36, SB-37, and SB-38.
- Coastal installed monitoring wells MW-06S, MW-06D, MW-07S, MW-07M, MW-07D, MW-08S, MW-08M, MW-08D, MW-09S, MW-09M, MW-09D, MW-10S, MW-10M, MW-10D, MW-11S, MW-11M, and MW-11D.
- GZA observed and documented the soil boring drilling and groundwater monitoring well installation.
- GZA logged soil borings and collected soil samples for laboratory analysis.
- GZA collected soil vapor samples. Prior to collecting soil vapor samples, GZA purged each location using a personal air sampling pump and performed a helium detector test. GZA also collected indoor and outdoor ambient air samples.
- GZA and AARCO developed the installed groundwater monitoring wells in preparation for groundwater sampling.
- AARCO used a jack hammer to break concrete around the trench area near SB-25 to sample the soil below the concrete.



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

- **Air Monitoring Summary**

- CAMP was implemented on August 5, 6, 7, 19, 20, 21, 22, and 23. The CAMP utilized two continuous logging remote telemetry system air monitoring stations (Air Logics 1454 and 1468) outfitted with dust monitors, photoionization detectors, modems, cloud-based data storage and access.
- GZA utilized an additional CAMP (Pine Environmental Station 801076) station utilizing a continuous logging remote telemetry system outfitted with a dust monitor, photoionization detector, modem, and cloud-based data storage and access on August 19-23.
- GZA utilized a handheld photoionization detector and handheld DustTrak to collect breathing zone and site perimeter air monitoring readings during the remedial investigation.
- There were no dust exceedances observed during this monitoring period.
- There were no VOC exceedances observed during this monitoring period.

- **Full suite soil samples collected during this monitoring period**

- SB-29 (1-3'), SB-29 (5-7')
- SB-30 (1-3') + blind duplicate, SB-30 (4-6') + matrix spike/matrix spike duplicate
- SB-31 (1-3'), SB-31 (4-6')
- SB-32 (1-3'), SB-32 (5-7') – matrix spike/matrix spike duplicate for VOC's
- SB-33 (1-3'), SB-33 (5-7')
- SB-34 (1-3'), SB-34 (5-7')
- SB-35 (1-3'), SB-35 (7-9')
- SB-36 (1-3'), SB-36 (5-7')
- SB-37 (1-3'), SB-37 (5-7')
- SB-38 (1-3'), SB-38 (4-6')

- **VOC-only delineation soil samples collected during this monitoring period**

- SB-29 (20'), SB-29(33') + matrix spike/matrix spike duplicate, SB-29(39.5') + blind duplicate
- SB-30 (20'), SB-30 (29'), SB-30(37'), SB-30(40')
- SB-31 (25'), SB-31 (35')
- SB-32 (18.5'), SB-32(39')
- SB-33 (19')
- SB-34 (21')
- SB-35 (17'), SB-35 (24'), SB-35(35'), SB-35(38')
- SB-35-S (14'), SB-35-S (17'), SB-35-S (20')
- SB-35-E (13'), SB-35-E (18'), SB-35-E (20') + Blind Duplicate
- SB-35-20E (7'), SB-35-20E (21'), SB-35-20E (39') + Duplicate
- SB-35-10W (7') + matrix spike and matrix spike duplicate, SB-35-10W (21'), SB-35-10W (27'), SB-35-W(33'), SB-35-W(39')
- SB-35-20W(20'), SB-35-20W(25')
- SB-35-10N (4'), SB-35-10N (12'), SB-35-10N (26'), SB-35-N(32'), SB-35-N(38')
- SB-36 (18')
- SB-37 (20')
- SB-38 (20')



- 29 Clay-Trench-1
- **Soil Vapor samples collected for VOCs by TO-15 during this monitoring period**
 - SV-19
 - SV-20
 - SV-21
 - SV-22
 - SV-23 + duplicate
- **Outdoor/Indoor ambient air samples collected for VOCs by TO-15 during this monitoring period**
 - OA-04
- **Deliverables Submitted During This Monitoring Period**
 - Daily Field Reports No. 01 to No. 11

- II. **Anticipated Activities-Monitoring Period of September 1, 2024, through September 30, 2024**
- Collect groundwater samples and submit the samples for laboratory analysis
 - Prepare the Remedial Investigation Report
 - Prepare Draft Remedial Action Work Plan

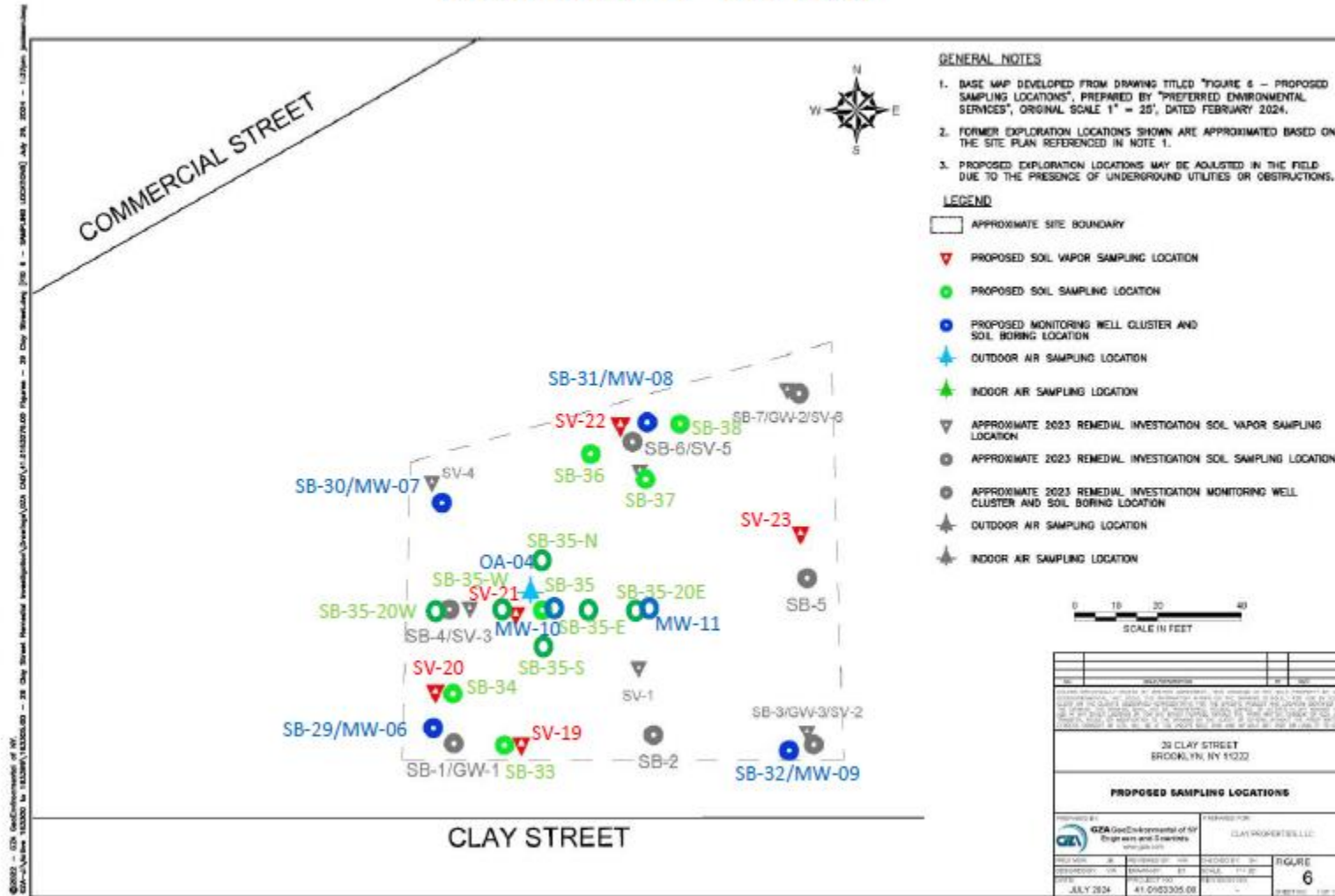


ATTACHMENT A

SITE PLAN

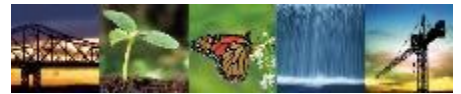


ATTACHMENT A – SITE PLAN





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T: 212.594.8140
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MONTHLY PROGRESS REPORT

REMEDIAL INVESTIGATION

**19-27 CLAY STREET AND 60-62 COMMERCIAL STREET,
BROOKLYN, NY 11222**

Block 2482 Lots 9 and 10

BCP SITE NO. C224390

PERIOD: August 6, 2024 to August 30, 2024

REPORT DATE: September 10, 2024

File No.: 41.0163297.00



PREPARED FOR:

Clay Properties, LLC

134 North 4th Street
Brooklyn, NY 11249

GOLDBERG-ZOINO ASSOCIATES OF NEW YORK P.C.

D/B/A GZA GEOENVIRONMENTAL OF NEW YORK

104 West 29th Street, 10 Floor | New York, NY, 10001

(212)594 - 8140

32 Offices Nationwide

www.gza.com

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MONTHLY PROGRESS REPORT

19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY
Brownfield Cleanup Program No. C224390

Monthly Progress Report No. 01
Period: August 6, 2024 to August 30, 2024

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	PERSONNEL
QEP:	GZA
CONTRACTORS:	--
SUBCONTRACTORS:	Coastal Environmental Solutions (Coastal)
	AARCO

I. Activities Conducted During Reporting Month

• Site Work Summary

- Coastal completed a geophysical survey of the lot on August 6, 2024.
- Coastal drilled soil vapor points SV-12, SV-13, SV-14, SV-15, SV-16, SV-17, and SV-18 on August 7. All soil vapor points were drilled to 4-feet below ground surface.
- Coastal drilled soil borings SB-15, SB-16, SB-17, SB-18, SB-19, SB-20, SB-21, SB-22, SB-23, SB-24, SB-25, SB-26, and SB-27.
- Coastal installed monitoring wells MW-01S, MW-01M, MW-01D, MW-02S, MW-02M, MW-02D, MW-03S, MW-03M, MW-03D, MW-04S, MW-04M, MW-04D, MW-05S, MW-05M, and MW-05D.
- GZA observed and documented the soil boring drilling and groundwater monitoring well installation.
- GZA logged soil borings and collected soil samples for laboratory analysis.
- GZA collected soil vapor samples. Prior to collecting soil vapor samples, GZA purged each location using a personal air sampling pump and performed a helium detector test. GZA also collected indoor and outdoor ambient air samples.
- GZA and AARCO developed the installed groundwater monitoring wells in preparation for groundwater sampling.



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

- **Air Monitoring Summary**

- CAMP was implemented on August 7, 8, 9, 12, 13, 14, 15, 16, 19, and 21. The CAMP utilized two continuous logging remote telemetry system air monitoring stations (Air Logics 1454 and 1468) outfitted with dust monitors, photoionization detectors, modems, cloud-based data storage and access.
- GZA utilized a handheld photoionization detector and handheld DustTrak to collect breathing zone and site perimeter air monitoring readings during the remedial investigation.
- There were no dust exceedances observed during this monitoring period.
- There were no VOC exceedances observed during this monitoring period.

- **Full suite soil samples collected during this monitoring period**

- SB-16 (1-3'), SB-16 (5-7')
- SB-17 (1-3'), SV-17 (5-7')
- SB-18 (1-3'), SB-18 (5-7')
- SB-19 (1-3'), SB-19 (4-6')
- SB-20 (1-3'), SB-20 (5-7')
- SB-24 (1-3'), SB-24 (5-7')
- SB-25 (1-3') + blind duplicate, SB-25 (6-8') + matrix spike and matrix spike duplicate
- SB-26 (1-3') + matrix spike & matrix spike duplicate for VOCs only, SB-26 (5-7') + blind duplicate for VOCs only
- SB-27 (1-3'), SB-27 (6-8')
- SB-28 (1-3') + blind duplicate, SB-28 (4-6') + matrix spike & matrix spike duplicate

- **VOC-only delineation soil samples collected during this monitoring period**

- SB-16 (20.5')
- SB-16 (45')
- SB-17 (17')
- SB-18 (36')
- SB-19 (13')
- SB-19 (36')
- SB-20 (19.5')
- SB-21 (3')
- SB-22 (3')
- SB-23 (3')
- SB-24 (17')
- SB-25 (10.5')
- SB-26 (17.5')
- SB-28 (20')

- **Soil Vapor samples collected for VOCs by TO-15 during this monitoring period**

- SV-12
- SV-13
- SV-14



- SV-15
- SV-16
- SV-17 + duplicate
- SV-18
- **Outdoor/Indoor ambient air samples collected for VOCs by TO-15 during this monitoring period**
 - OA-03
 - IA-01
 - IA-02
- **Deliverables Submitted During This Monitoring Period**
 - Daily Field Reports No. 01 to No. 15

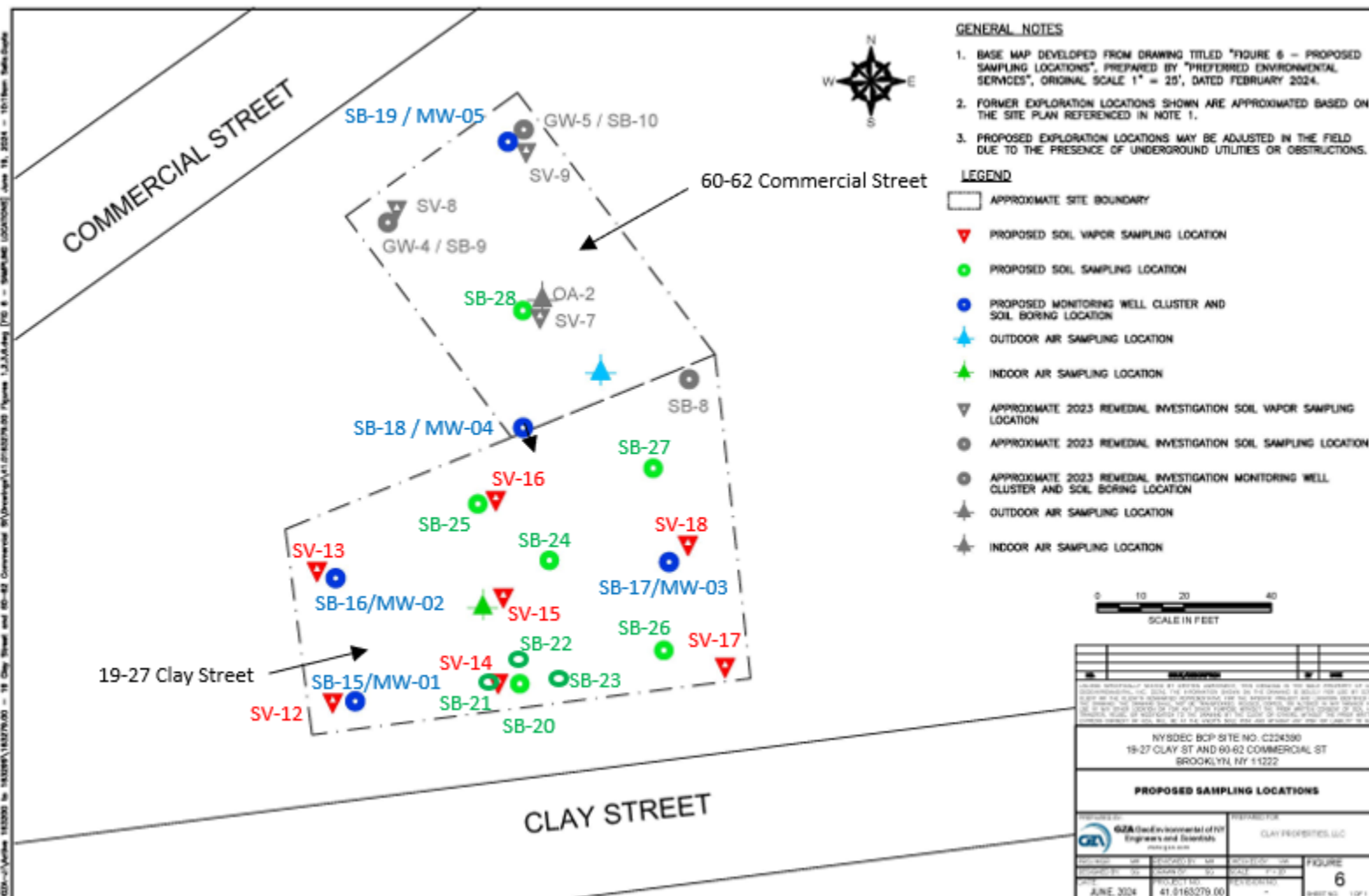
II. Anticipated Activities-Monitoring Period of September 1, 2024, through September 30, 2024

- Collect groundwater samples and submit the samples for laboratory analysis
- Prepare the Remedial Investigation Report
- Prepare the Remedial Action Work Plan



ATTACHMENT A

SITE PLAN





GZA GeoEnvironmental of New York



GZA DAILY FIELD SUMMARY 016

DATE: 9/3/2024
FILE NO: 41.0163279.00

PROJECT:

CLIENT:

PREPARED BY:

REVIEWED BY:

ATTACHMENTS:

19-27 Clay and 60-62 Commercial Street
RI – C224390

Clay Properties, LLC

Yunmee Han (GZA)

Mark Hutson (GZA)

A – Site Plan
B – Photo Log

LOCATION:

WEATHER:

AVE. TEMPERATURE

AVE. DEW POINT

MAX WIND SPEED

PRECIPITATION

Brooklyn, New York

Partly Cloudy/Overcast

67.77°F

47.3°F

8 mph from SE

0.00 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Tuesday, September 3, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	Matt DiLorenzo
CONTRACTORS:		
SUBCONTRACTORS:	N/A	
SITE VISITORS:	N/A	



GZA DAILY FIELD SUMMARY 016

DATE: 9/3/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 9/3/2024

Work Location (Attachment A):

1. No intrusive work was performed at 19 Clay Street.
2. GZA performed groundwater sampling of the previously installed groundwater monitoring wells. GZA sampled groundwater from MW-01S, MW-01M, MW-02S, MW-02M, MW-03-M, MW-04S and MW-04M using a peristaltic pumps. The groundwater was sent to the laboratory for analysis of VOCs, SVOCs, Metals, PFAS, 1,4-Dioxane, PCBs, Pesticides, and Herbicides.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Horiba U-50 Water Quality Meter
- Horiba U52-2 Water Quality Meter
- Handheld Rae Systems MiniRae 3000 PID
- (2) Geopump Peristaltic Pumps
- (2) Solinst Oil/Water Interface probes

GROUNDWATER FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-01S, MW-01M, MW-02S, MW-02M, MW-03-M, MW-04S and MW-04M.

GROUNDWATER VOC-ONLY ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- None

SOIL, SOIL VAPOR, AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

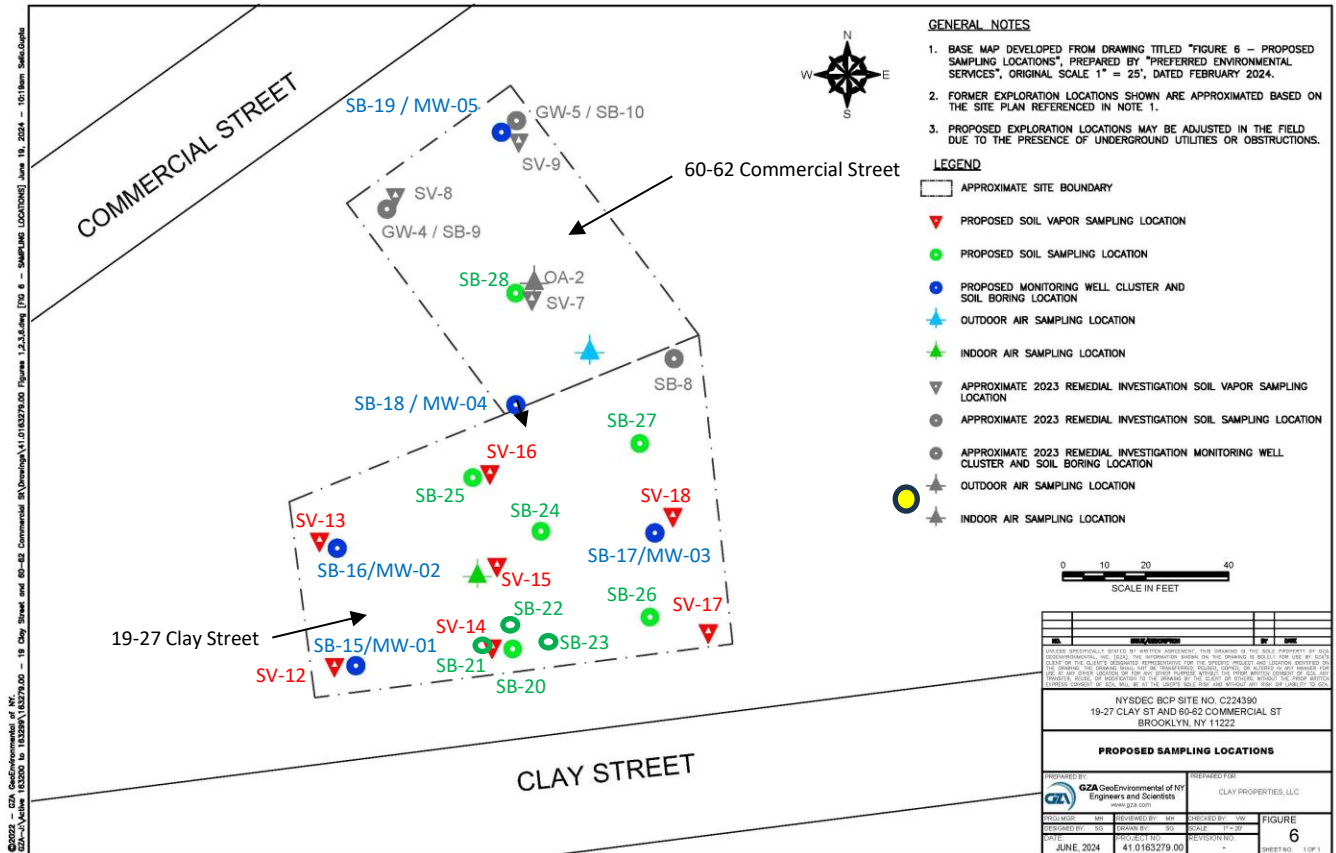
No intrusive work occurred during this monitoring period. Air monitoring was not performed. A handheld PID was used to monitor the breathing zone and headspace of each monitoring well.



GZA DAILY FIELD SUMMARY 016

DATE: 9/3/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 016

DATE: 9/3/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: N/A	Photo No. 2	Direction Photo Taken N/A
			
Description: GZA screening the headspace of MW-01M prior to sampling. An elevated PID reading was detected, but no odor or product was observed during purging or sampling.		Description: GZA low-flow groundwater sampling at MW-01S.	
Photo No. 3	Direction Photo Taken: Southwest	Photo No. 4	Direction Photo Taken Southwest
			
Description: GZA low-flow groundwater sampling at MW-03M.		Description: GZA field staff collecting PFAS Field Blank	



GZA DAILY FIELD SUMMARY 012

DATE: 9/4/2024
FILE NO: 41.0163305.00

PROJECT:
CLIENT:
PREPARED BY:
REVIEWED BY:

ATTACHMENTS:

29 Clay Street RI – C224408
Clay Properties, LLC
Yunmee Han (GZA)
Mark Hutson (GZA)

A – Site Plan
B – Photo Log
C – Daily Calibration and Air Monitoring Logs

LOCATION:
WEATHER:
AVE. TEMPERATURE
AVE. DEW POINT
MAX WIND SPEED
PRECIPITATION

Brooklyn, New York
Partly Cloudy/Sunny
69.41°F
48°F
9 mph from SE
0.00 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Wednesday, September 4, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	Jazlyn Natalie
CONTRACTORS:		
SUBCONTRACTORS:		
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 012

DATE: 9/4/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 9/4/2024

Work Location (Attachment A):

1. No intrusive work was performed at 29 Clay Street.
2. GZA performed groundwater sampling of the previously installed groundwater monitoring wells. GZA sampled groundwater from MW-09S and MW-08D using perisaltic pumps. MW-09S will be analyzed for VOCs, SVOCs, Metals, PFAS, 1,4-Dioxane, PCBs, Pesticides, and Herbicides. MW-08D will be analyzed for VOCs only.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Horiba U-50 Water Quality Meter
- Horiba U-52 Water Quality Meter
- Handheld Rae Systems MiniRae 3000 PID
- The Micro Flow System Stainless Steel Check Valves
- (2) Geopump Peristaltic Pumps
- (2) Solinst Oil/Water Interface probes

GROUNDWATER FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-09S

GROUNDWATER VOC-ONLY ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-08D

SOIL, SOIL VAPOR, AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

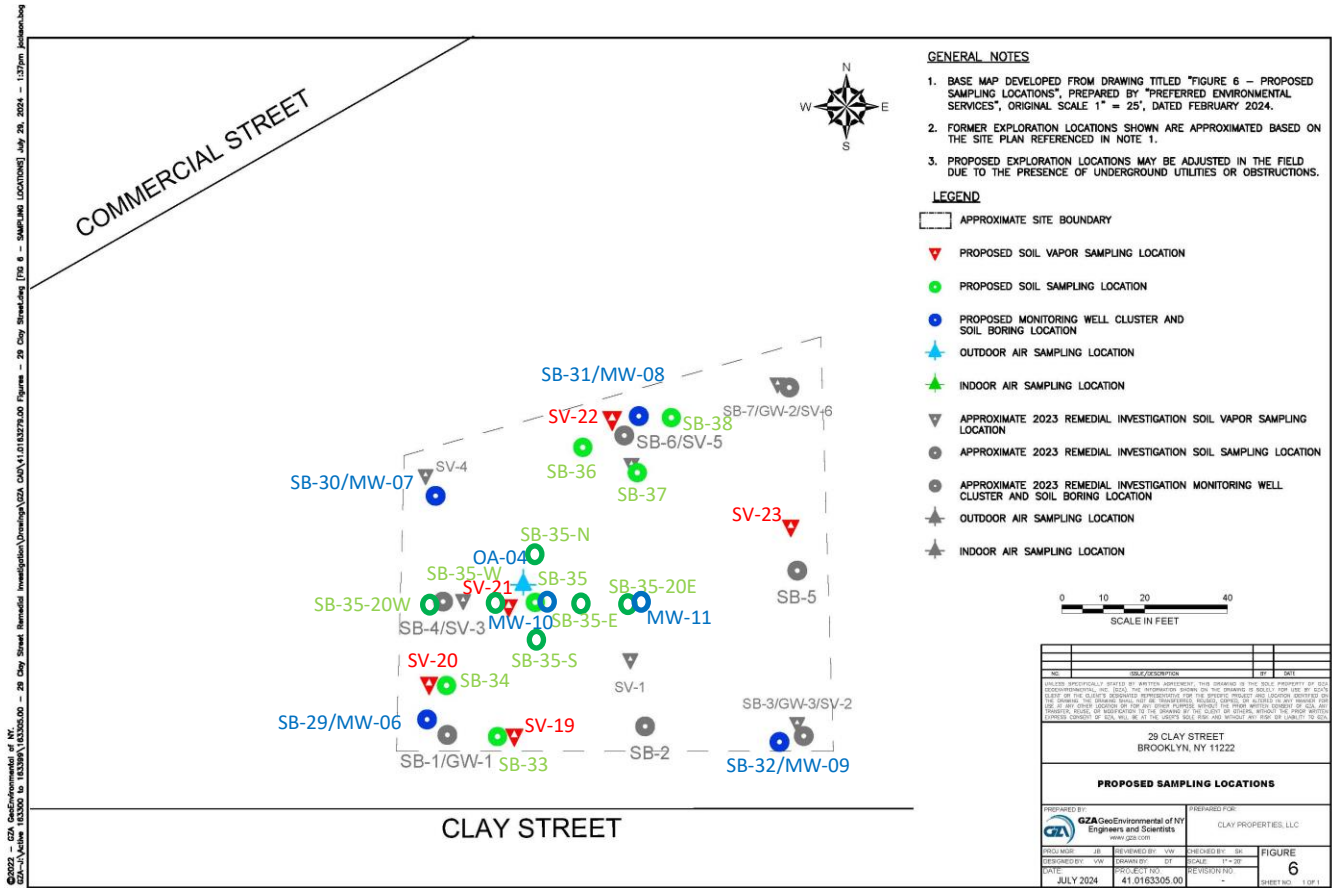
No intrusive work occurred during this monitoring period. Air monitoring was not performed. A handheld PID was used to monitor the breathing zone and headspace of each monitoring well.



GZA DAILY FIELD SUMMARY 012

DATE: 9/4/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 012

DATE: 9/4/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken N/A
			
Description: GZA low-flow groundwater sampling at MW-09S.		Description: Foot Valves were used for deep well groundwater sampling	
Photo No. 3	Direction Photo Taken: West	Photo No. 4	Direction Photo Taken East
			
Description: Decontamination of the Horiba using Alconox and DI water.		Description: Decontamination of the water meter using Alconox and DI water.	



GZA DAILY FIELD SUMMARY 017

DATE: 9/4/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Partly Cloudy/Sunny
PREPARED BY:	Yunmee Han (GZA)	AVE. TEMPERATURE	69.41°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	48°F
		MAX WIND SPEED	9 mph from SE
ATTACHMENTS:	A – Site Plan B – Photo Log	PRECIPITATION	0.00 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Wednesday, September 4, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	Jazlyn Natalie
CONTRACTORS:		
SUBCONTRACTORS:	N/A	
SITE VISITORS:	N/A	



GZA DAILY FIELD SUMMARY 017

DATE: 9/4/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Wednesday – 9/4/2024

Work Location (Attachment A):

1. No intrusive work was performed at 19 Clay Street.
2. GZA performed groundwater sampling of the previously installed groundwater monitoring wells. GZA sampled groundwater from MW-03S, MW-02D, and MW-04D using peristaltic pumps. MW-03S will be analyzed for VOCs, SVOCs, Metals, PFAS, 1,4-Dioxane, PCBs, Pesticides, and Herbicides. MW-02D and MW-04D will be analyzed for VOCs only.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Horiba U-50 Water Quality Meter
- Horiba U-52 Water Quality Meter
- Handheld Rae Systems MiniRae 3000 PID
- The Micro Flow System Stainless Steel Check Valves
- (2) Geopump Peristaltic Pumps
- (2) Solinst Oil/Water Interface probes

GROUNDWATER FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-03S (Including matrix spike/matrix spike duplicate/blind duplicate)

GROUNDWATER VOC-ONLY ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-02D and MW-04D

SOIL, SOIL VAPOR, AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

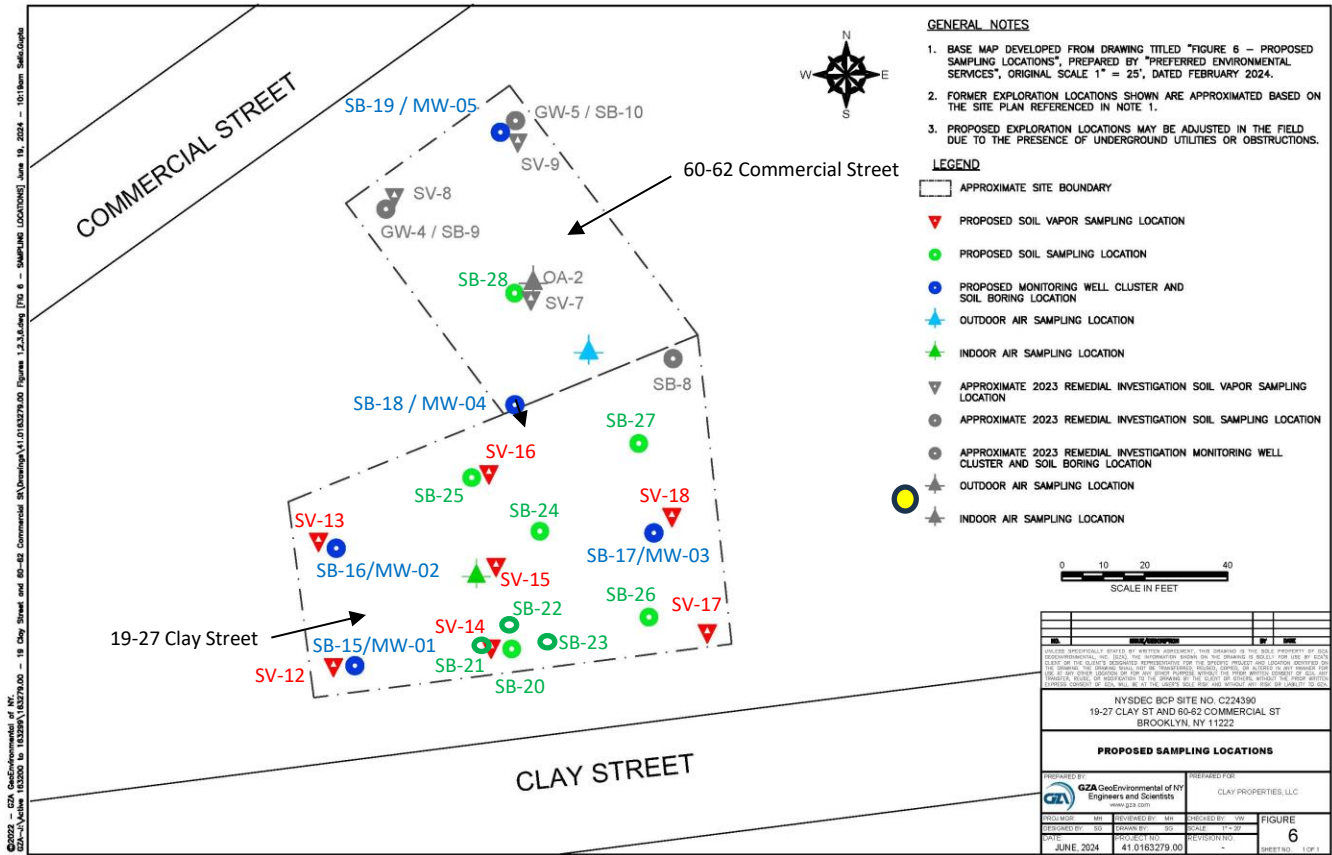
No intrusive work occurred during this monitoring period. Air monitoring was not performed. A handheld PID was used to monitor the breathing zone and headspace of each monitoring well.



GZA DAILY FIELD SUMMARY 017

DATE: 9/4/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 017

DATE: 9/4/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken N/A
			
Description: GZA low-flow groundwater sampling at MW-03D.		Description: GZA collecting groundwater samples at MW-03S.	
Photo No. 3	Direction Photo Taken: N/A	Photo No. 4	Direction Photo Taken N/A
			
Description: Check Valves used for deep well groundwater sampling.		Description: GZA screening the well head space prior to groundwater sampling.	



GZA DAILY FIELD SUMMARY 013

DATE: 9/5/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Fair
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	69.68°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	54.74°F
		MAX WIND SPEED	14 mph from NE
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.00 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Thursday, September 5, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	Jazlyn Natalie
CONTRACTORS:		
SUBCONTRACTORS:		
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 013

DATE: 9/5/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Thursday – 9/5/2024

Work Location (Attachment A):

1. No intrusive work was performed at 29 Clay Street.
2. GZA performed groundwater sampling of the previously installed groundwater monitoring wells. GZA sampled groundwater from MW-07S, MW-07M, MW-07D, and MW-06D. MW-07S and MW-07M will be analyzed for VOCs, SVOCs, Metals, PFAS, 1,4-Dioxane, PCBs, Pesticides, and Herbicides. MW-07D and MW-06D will be analyzed for VOCs only.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Horiba U-50 Water Quality Meter
- Horiba U-52 Water Quality Meter
- Handheld Rae Systems MiniRae 3000 PID
- The Micro Flow System Stainless Steel Check Valves
- (2) Geopump Peristaltic Pumps
- (2) Solinst Oil/Water Interface probes

GROUNDWATER FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-07S
- MW-07M (Including matrix spike/matrix spike duplicate/blind duplicate)

GROUNDWATER VOC-ONLY ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-06D and MW-07D

SOIL, SOIL VAPOR, AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

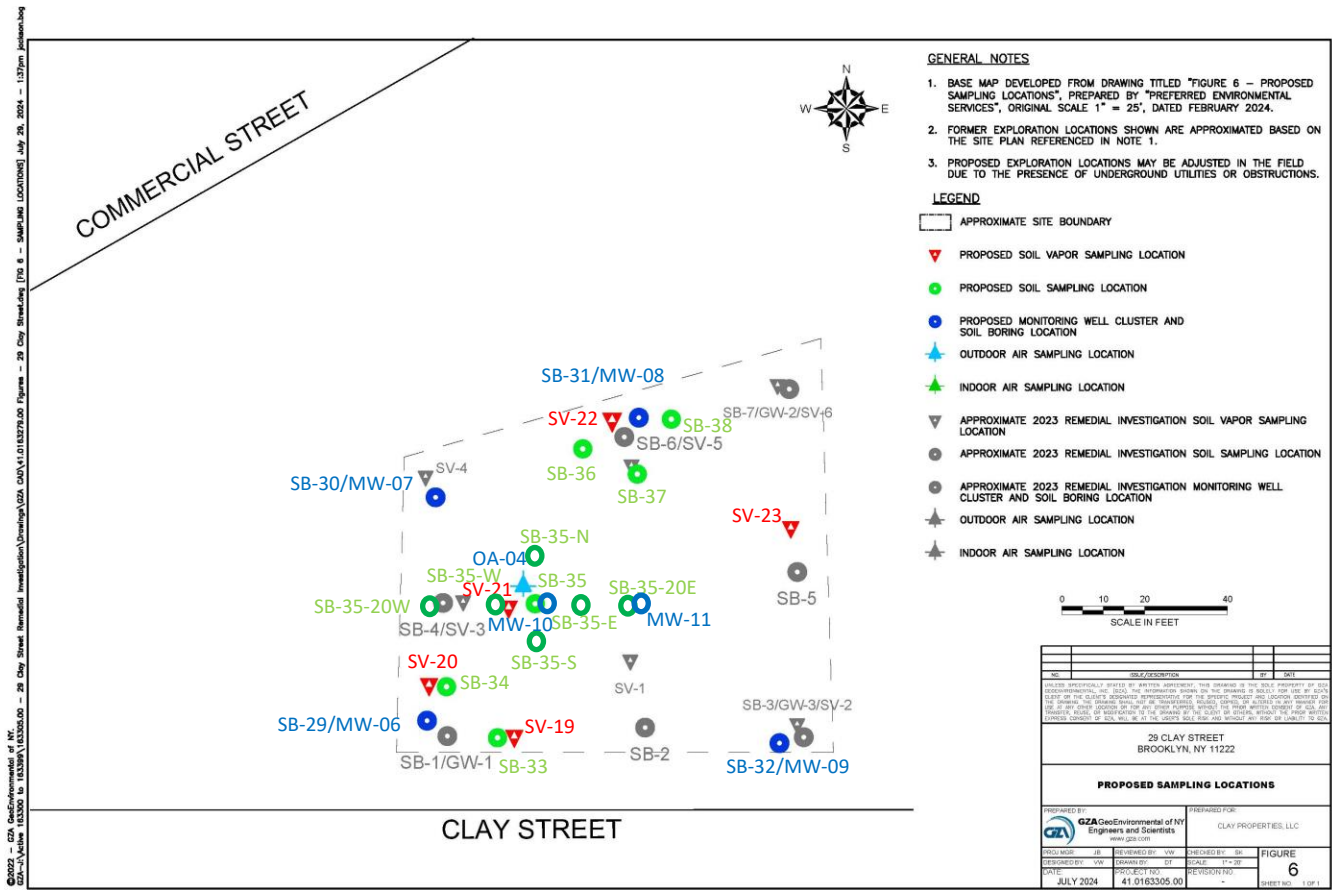
No intrusive work occurred during this monitoring period. Air monitoring was not performed. A handheld PID was used to monitor the breathing zone and headspace of each monitoring well.



GZA DAILY FIELD SUMMARY 013

DATE: 9/5/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN





GZA DAILY FIELD SUMMARY 013

DATE: 9/5/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: North	Photo No. 2	Direction Photo Taken N/A
			
Description: Low-flow groundwater purging and sampling setup at MW-07D.		Description: Headspace PID reading at MW-06D.	
Photo No. 3	Direction Photo Taken: N/A	Photo No. 4	Direction Photo Taken N/A
			
Description: Decontamination of the Horiba water quality meter using Alconox and DI water.		Description: Decontamination of Solinst water meter using Alconox and DI water.	



GZA DAILY FIELD SUMMARY 018

DATE: 9/5/2024
FILE NO: 41.0163279.00

PROJECT:
CLIENT:
PREPARED BY:
REVIEWED BY:

ATTACHMENTS:

19-27 Clay and 60-62 Commercial Street
RI – C224390
Clay Properties, LLC
Yunmee Han (GZA)
Mark Hutson (GZA)

A – Site Plan
B – Photo Log

LOCATION:

WEATHER:
AVE. TEMPERATURE
AVE. DEW POINT
MAX WIND SPEED
PRECIPITATION

Brooklyn, New York

Partly Cloudy/Sunny
69.68°F
54.74°F
14 mph from NE
0.00 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Thursday, September 5, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	
CONTRACTORS:		
SUBCONTRACTORS:	N/A	
SITE VISITORS:	Langan – Adam Spaulding	



GZA DAILY FIELD SUMMARY 018

DATE: 9/5/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Thursday – 9/5/2024

Work Location (Attachment A):

1. No intrusive work was performed at 19 Clay Street.
2. One of the previously installed groundwater monitoring wells at 50 Commercial Street, MW-8, was sampled by Langan. As part of this project's scope, GZA assisted the groundwater sampling for Langan. MW-8 will be analyzed for VOCs only.
3. GZA performed groundwater sampling of the previously installed groundwater monitoring wells. GZA sampled groundwater from MW-05S, MW-05M, and MW-05D using peristaltic pumps. MW-05S and MW-05M will be analyzed for VOCs, SVOCs, Metals, PFAS, 1,4-Dioxane, PCBs, Pesticides, and Herbicides. MW-05D will be analyzed for VOCs only.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Horiba U-50 Water Quality Meter
- Handheld Rae Systems MiniRae 3000 PID
- The Micro Flow System Stainless Steel Check Valve
- Geopump Peristaltic Pump
- Solinst Oil/Water Interface probe

GROUNDWATER FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-05S and MW-05M

GROUNDWATER VOC-ONLY ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-05D
- MW-8 (50 Commercial Street monitoring well)

SOIL, SOIL VAPOR, AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

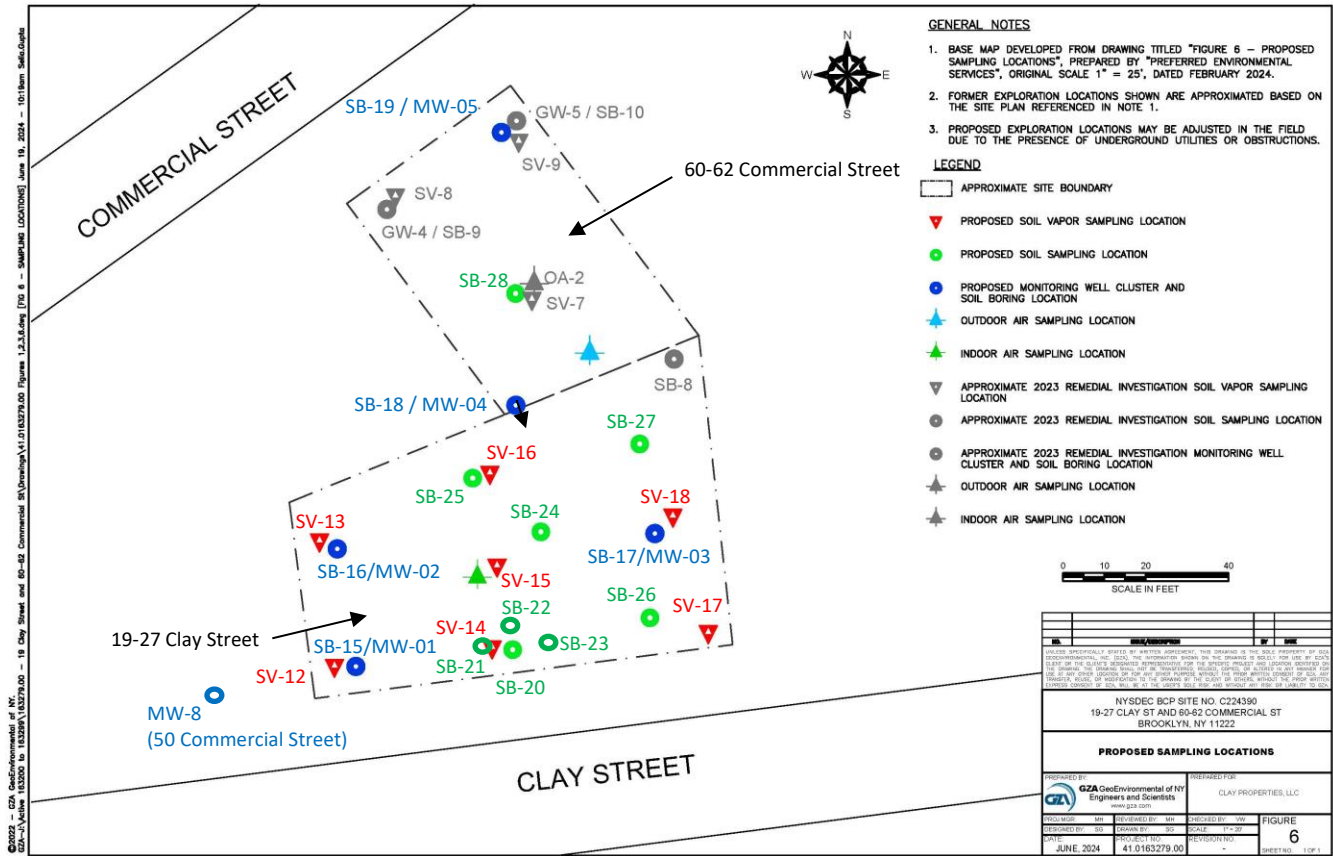
No intrusive work occurred during this monitoring period. Air monitoring was not performed. A handheld PID was used to monitor the breathing zone and headspace of each monitoring well.



GZA DAILY FIELD SUMMARY 018

DATE: 9/5/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN

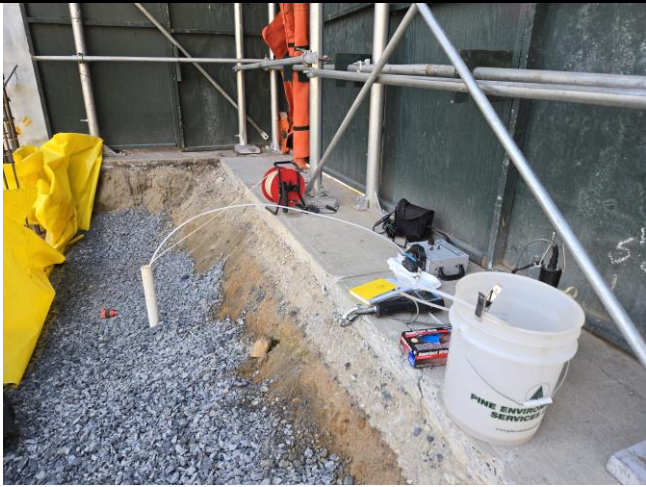

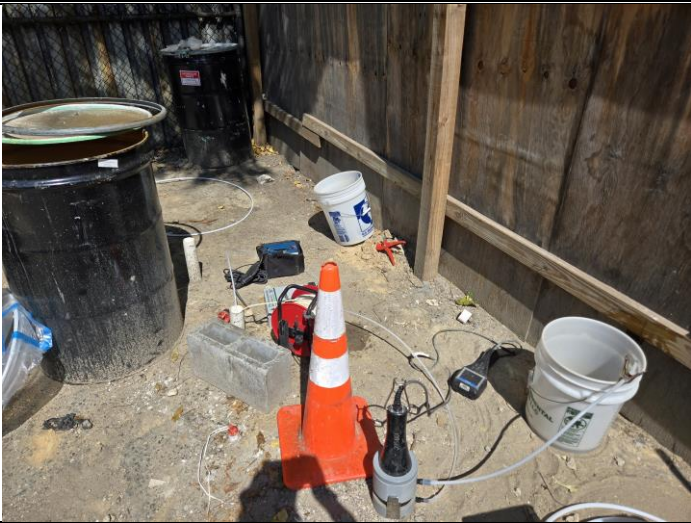





GZA DAILY FIELD SUMMARY 018

DATE: 9/5/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken N/A
			
Description: GZA low-flow groundwater sampling at MW-8 (50 Commercial Street).		Description: GZA low-flow groundwater sampling at MW-05D.	
Photo No. 3	Direction Photo Taken: North	Photo No. 4	Direction Photo Taken N/A
			
Description: GZA low-flow groundwater sampling at MW-05M.		Description: GZA screening the well head space prior to groundwater sampling.	



GZA DAILY FIELD SUMMARY 014

DATE: 9/6/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Mostly Cloudy
PREPARED BY:	Jazlyn Natalie (GZA)	AVE. TEMPERATURE	68.91°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	59.82°F
		MAX WIND SPEED	13 mph from NE
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.00 inches
	B – Photo Log		
	C – Daily Calibration and Air Monitoring Logs		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Friday, September 6, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	Jazlyn Natalie
CONTRACTORS:		
SUBCONTRACTORS:	DPK Consulting – Jason Brown	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 014

DATE: 9/6/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Friday – 9/6/2024

Work Location (Attachment A):

1. No intrusive work was performed at 29 Clay Street.
2. GZA performed groundwater sampling of the previously installed groundwater monitoring wells. GZA collected groundwater samples from MW-08S, MW-08M, MW-09M, and MW-09D. MW-08S, MW-08M, and MW-09M will be analyzed for VOCs, SVOCs, Metals, PFAS, 1,4-Dioxane, PCBs, Pesticides, and Herbicides. MW-09D will be analyzed for VOCs only.
3. DPK Consultants surveyed the previously installed groundwater monitoring wells MW-06 through MW-11.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Horiba U-50 Water Quality Meter
- Horiba U-52 Water Quality Meter
- Handheld Rae Systems MiniRae 3000 PID
- The Micro Flow System Stainless Steel Check Valves
- (2) Geopump Peristaltic Pumps
- (2) Solinst Oil/Water Interface probes

GROUNDWATER FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-08S, MW-08M, and MW-09M

GROUNDWATER VOC-ONLY ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-09D

SOIL, SOIL VAPOR, AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

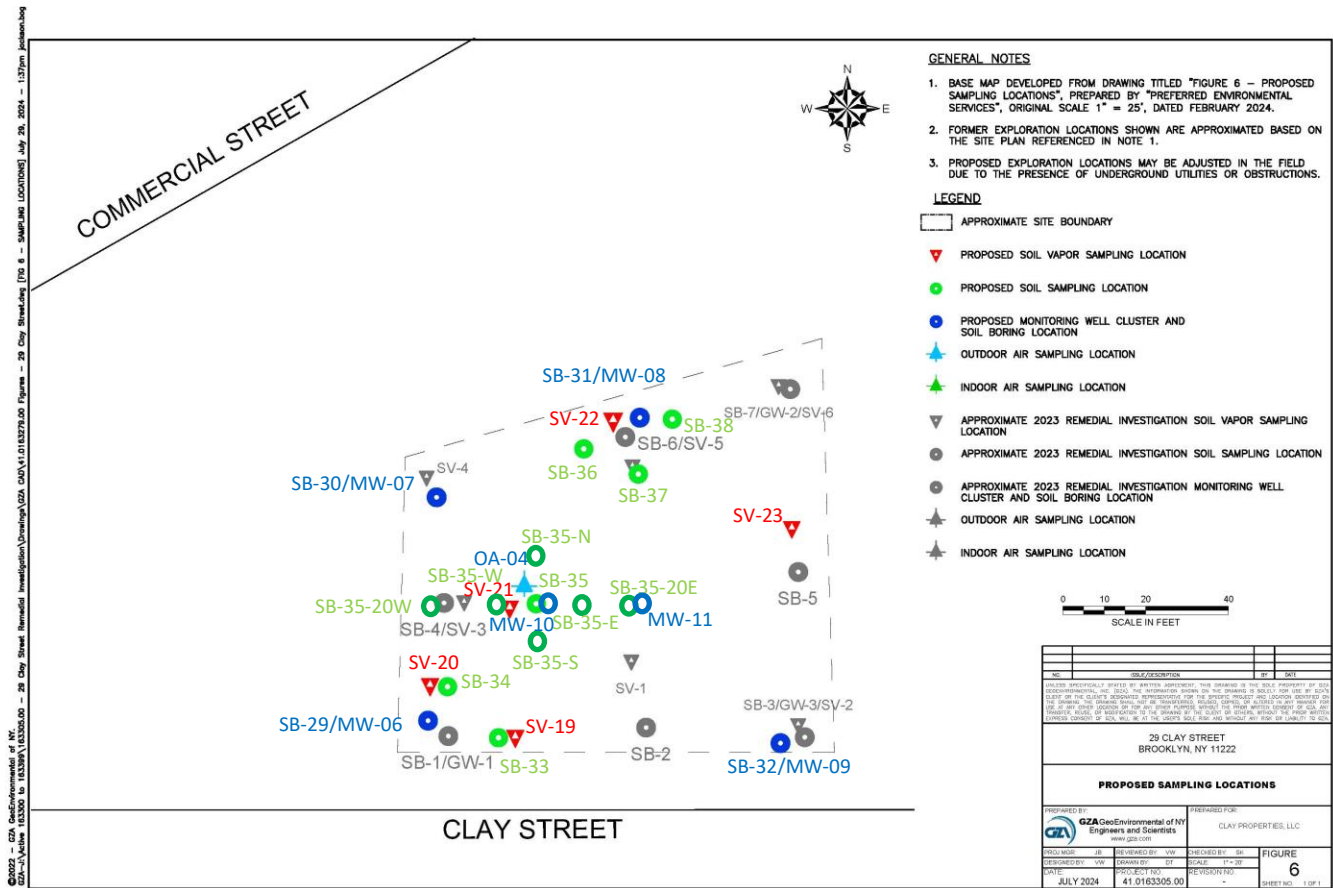
No intrusive work occurred during this monitoring period. Air monitoring was not performed. A handheld PID was used to monitor the breathing zone and headspace of each monitoring well.



GZA DAILY FIELD SUMMARY 014

DATE: 9/6/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 014

DATE: 9/6/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: N/A	Photo No. 2	Direction Photo Taken N/A
			
Description: Foot valve used for deep well groundwater sampling at MW-09D.		Description: Low-flow groundwater sampling at MW-08M.	
Photo No. 3	Direction Photo Taken: Southeast	Photo No. 4	Direction Photo Taken N/A
			
Description: DPK Consultants setting up surveying equipment for the monitoring well survey.		Description: GZA screening the well headspace with a PID prior to groundwater sampling.	



GZA DAILY FIELD SUMMARY 019

DATE: 9/6/2024
FILE NO: 41.0163279.00

PROJECT:	19-27 Clay and 60-62 Commercial Street RI – C224390	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Partly Cloudy/Sunny
PREPARED BY:	Yunmee Han (GZA)	AVE. TEMPERATURE	68.91°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	59.82°F
		MAX WIND SPEED	13 mph from NE
ATTACHMENTS:	A – Site Plan B – Photo Log	PRECIPITATION	0.00 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 19-27 Clay Street and 60-62 Commercial Street, Brooklyn, NY. 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. C224390. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Friday, September 6, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	
CONTRACTORS:		
	SUBCONTRACTORS:	
	DPK Consulting - Jason Brown	
	SITE VISITORS:	



GZA DAILY FIELD SUMMARY 019

DATE: 9/6/2024
FILE NO: 41.0163279.00

WORK PERFORMED AND DOCUMENTED

Friday – 9/6/2024

Work Location (Attachment A):

1. No intrusive work was performed at 19 Clay Street.
2. GZA performed groundwater sampling of the previously installed groundwater monitoring wells. GZA sampled groundwater from MW-01D and MW-03D using peristaltic pumps. MW-01D and MW-03D will be analyzed for VOCs only.
3. DPK Consulting surveyed the previously installed groundwater monitoring wells (MW-01 to MW-05).

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

EQUIPMENT AND MATERIALS USED ON SITE

- Trimble SPS986 GPS Receiver Kit
- Horiba U-50 Water Quality Meter
- Handheld Rae Systems MiniRae 3000 PID
- The Micro Flow System Stainless Steel Check Valve
- Geopump Peristaltic Pump
- Solinst Oil/Water Interface probe

GROUNDWATER FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- None

GROUNDWATER VOC-ONLY ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-01D
- MW-03D

SOIL, SOIL VAPOR, AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

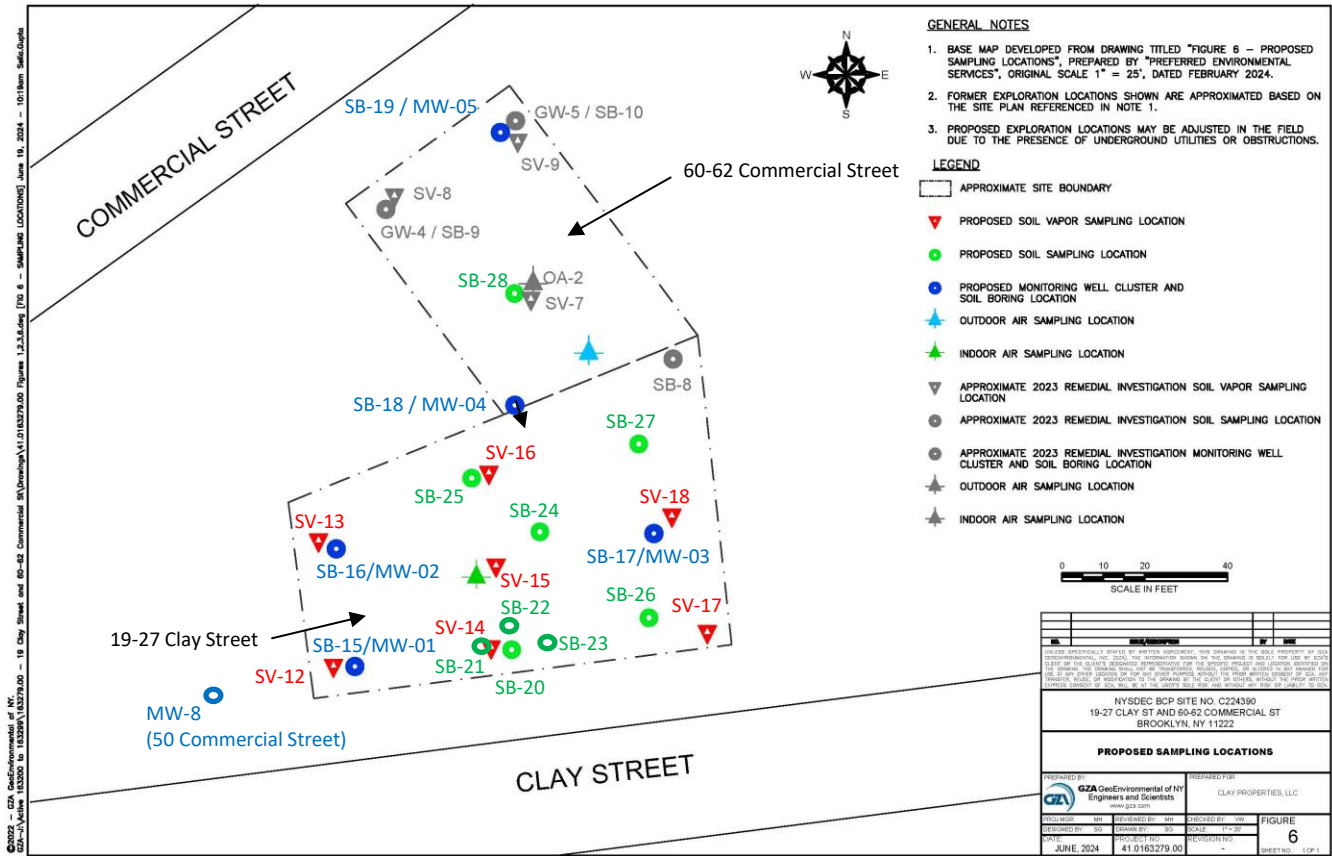
No intrusive work occurred during this monitoring period. Air monitoring was not performed. A handheld PID was used to monitor the breathing zone and headspace of each monitoring well.



GZA DAILY FIELD SUMMARY 019

DATE: 9/6/2024
FILE NO: 41.0163279.00

ATTACHMENT A – SITE PLAN



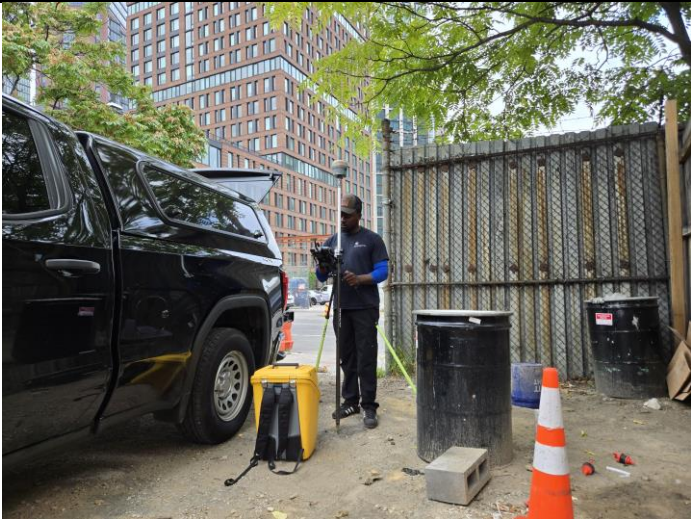





GZA DAILY FIELD SUMMARY 019

DATE: 9/6/2024
FILE NO: 41.0163279.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: N/A	Photo No. 2	Direction Photo Taken N/A
			
Description: GZA low-flow groundwater sampling at MW-01D.		Description: GZA low-flow groundwater sampling at MW-03D.	
Photo No. 3	Direction Photo Taken: North	Photo No. 4	Direction Photo Taken N/A
			
Description: DPK Consulting surveying at 60-62 Commercial Street		Description: GZA screening the well head space prior to groundwater sampling.	



GZA DAILY FIELD SUMMARY 015

DATE: 9/9/2024
FILE NO: 41.0163305.00

PROJECT:
CLIENT:
PREPARED BY:
REVIEWED BY:

ATTACHMENTS:

29 Clay Street RI – C224408
Clay Properties, LLC
Yunmee Han (GZA)
Mark Hutson (GZA)

A – Site Plan
B – Photo Log

LOCATION:
WEATHER:
AVE. TEMPERATURE
AVE. DEW POINT
MAX WIND SPEED
PRECIPITATION

Brooklyn, New York
Partly Cloudy/Sunny
65.14°F
42.93°F
10 mph from W
0.00 inches

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Monday, September 9, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	Jazlyn Natalie
CONTRACTORS:		
SUBCONTRACTORS:		
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 015

DATE: 9/9/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Monday – 9/9/2024

Work Location (Attachment A):

1. No intrusive work was performed at 29 Clay Street.
2. GZA performed groundwater sampling of the previously installed groundwater monitoring wells. GZA collected groundwater samples from MW-10D and MW-11D. MW-10D and MW-11D will be analyzed for VOCs only.
3. GZA attempted to collect samples from MW-10M and MW-11M; however, due to the presence of free NAPL products, no samples were collected from these wells.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Horiba U-50 Water Quality Meter
- Horiba U-52 Water Quality Meter
- Handheld Rae Systems MiniRae 3000 PID
- The Micro Flow System Stainless Steel Check Valves
- (2) Geopump Peristaltic Pumps
- (2) Solinst Oil/Water Interface probes

GROUNDWATER FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- None

GROUNDWATER VOC-ONLY ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-10D and MW-11D

SOIL, SOIL VAPOR, AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

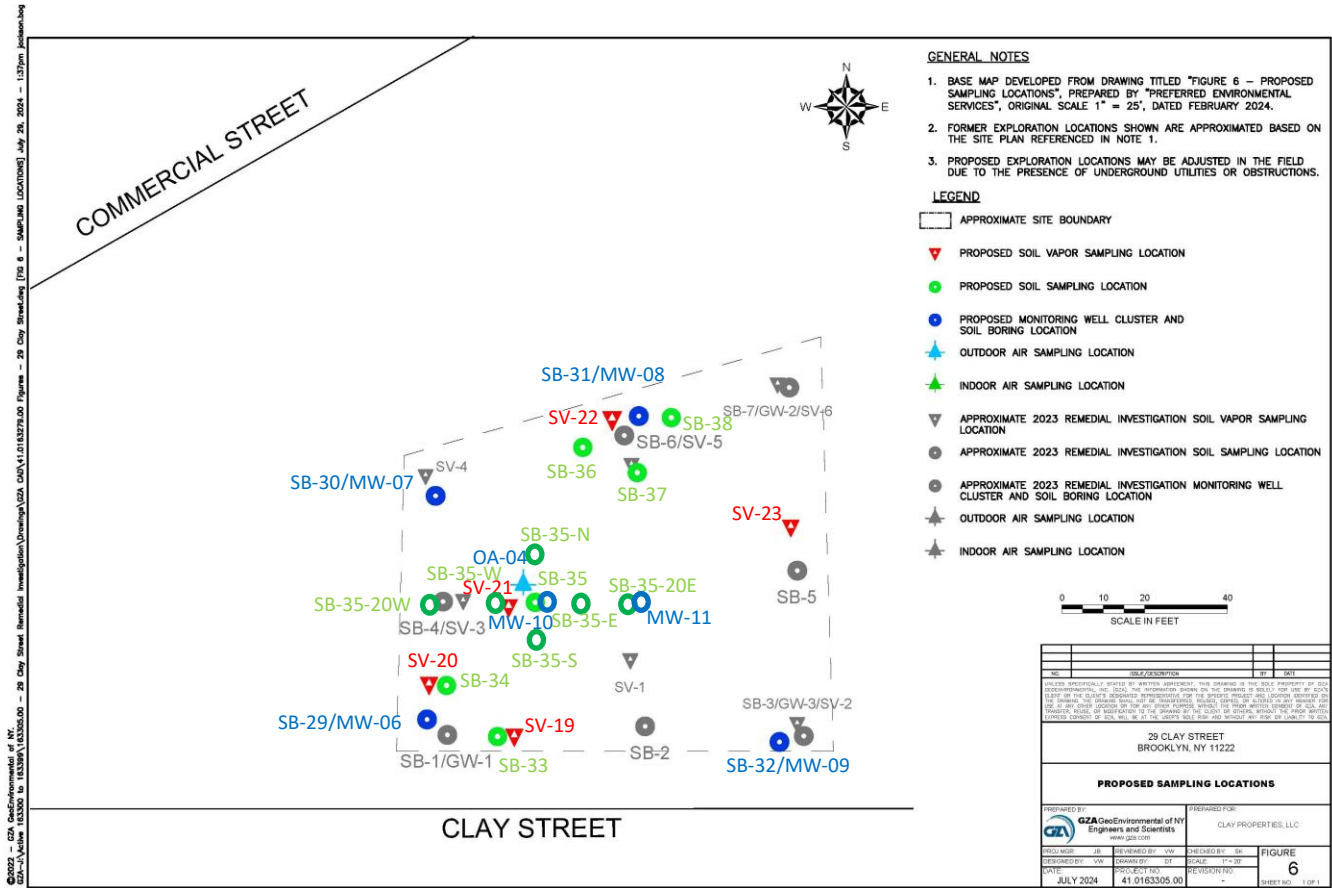
No intrusive work occurred during this monitoring period. Air monitoring was not performed. A handheld PID was used to monitor the breathing zone and headspace of each monitoring well.



GZA DAILY FIELD SUMMARY 015

DATE: 9/9/2024
FILE NO: 41.0163305.00

ATTACHMENT A – SITE PLAN









GZA DAILY FIELD SUMMARY 015

DATE: 9/9/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: N/A	Photo No. 2	Direction Photo Taken N/A
			
Description: Foot valve used for deep well groundwater sampling at MW-11D.		Description: GZA low-flow groundwater sampling at MW-10D.	
Photo No. 3	Direction Photo Taken: N/A	Photo No. 4	Direction Photo Taken Northwest
			
Description: GZA low-flow groundwater sampling at MW-11D.		Description: GZA screening the well headspace with a PID prior to groundwater sampling.	



GZA DAILY FIELD SUMMARY 016

DATE: 9/10/2024
FILE NO: 41.0163305.00

PROJECT:	29 Clay Street RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties, LLC	WEATHER:	Partly Cloudy/Sunny
PREPARED BY:	Yunmee Han (GZA)	AVE. TEMPERATURE	71.79°F
REVIEWED BY:	Mark Hutson (GZA)	AVE. DEW POINT	49.21°F
		MAX WIND SPEED	14 mph from NW
ATTACHMENTS:	A – Site Plan	PRECIPITATION	0.00 inches
	B – Photo Log		

SUMMARY

The following report summarizes the daily activities performed under the Remedial Investigation Work Plan (RIWP) at 29 Clay Street, Brooklyn, NY. 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. C224408. The RIWP was approved by the NYSDEC on August 2, 2024. Unless otherwise stated, the work observed and documented by GZA was performed in accordance with the Contract Documents.

PERSONNEL SUMMARY

	Tuesday, September 10, 2024	
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	
CONTRACTORS:		
SUBCONTRACTORS:	Nick Turro – Coastal Environmental Solutions, Inc.	
SITE VISITORS:		



GZA DAILY FIELD SUMMARY 016

DATE: 9/10/2024
FILE NO: 41.0163305.00

WORK PERFORMED AND DOCUMENTED

Tuesday – 9/10/2024

Work Location (Attachment A):

1. No intrusive work was performed at 29 Clay Street.
2. Coastal flushed the previously installed groundwater monitoring wells MW-06S, MW-10S, and MW-11S using air lifting techniques. Any flushed-out material was placed in a 55-gallon drums for off-site disposal.
3. GZA performed groundwater sampling of the previously installed groundwater monitoring wells. GZA collected groundwater samples from MW-06S, MW-10S, and MW-11S. MW-06S, MW-10S, and MW-11S will be analyzed for VOCs, SVOCs, Metals, PFAS, 1,4-Dioxane, PCBs, Pesticides, and Herbicides.

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

EQUIPMENT AND MATERIALS USED ON SITE

- Horiba U-50 Water Quality Meter
- Ingersoll Rand Air Compressor 185
- Handheld Rae Systems MiniRae 3000 PID
- Geopump Peristaltic Pump
- Solinst Oil/Water Interface probe

GROUNDWATER FULL SUITE ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

- MW-06S, MW-10S, and MW-11S

GROUNDWATER VOC-ONLY ANALYSIS SAMPLES COLLECTED (SINCE LAST REPORT)

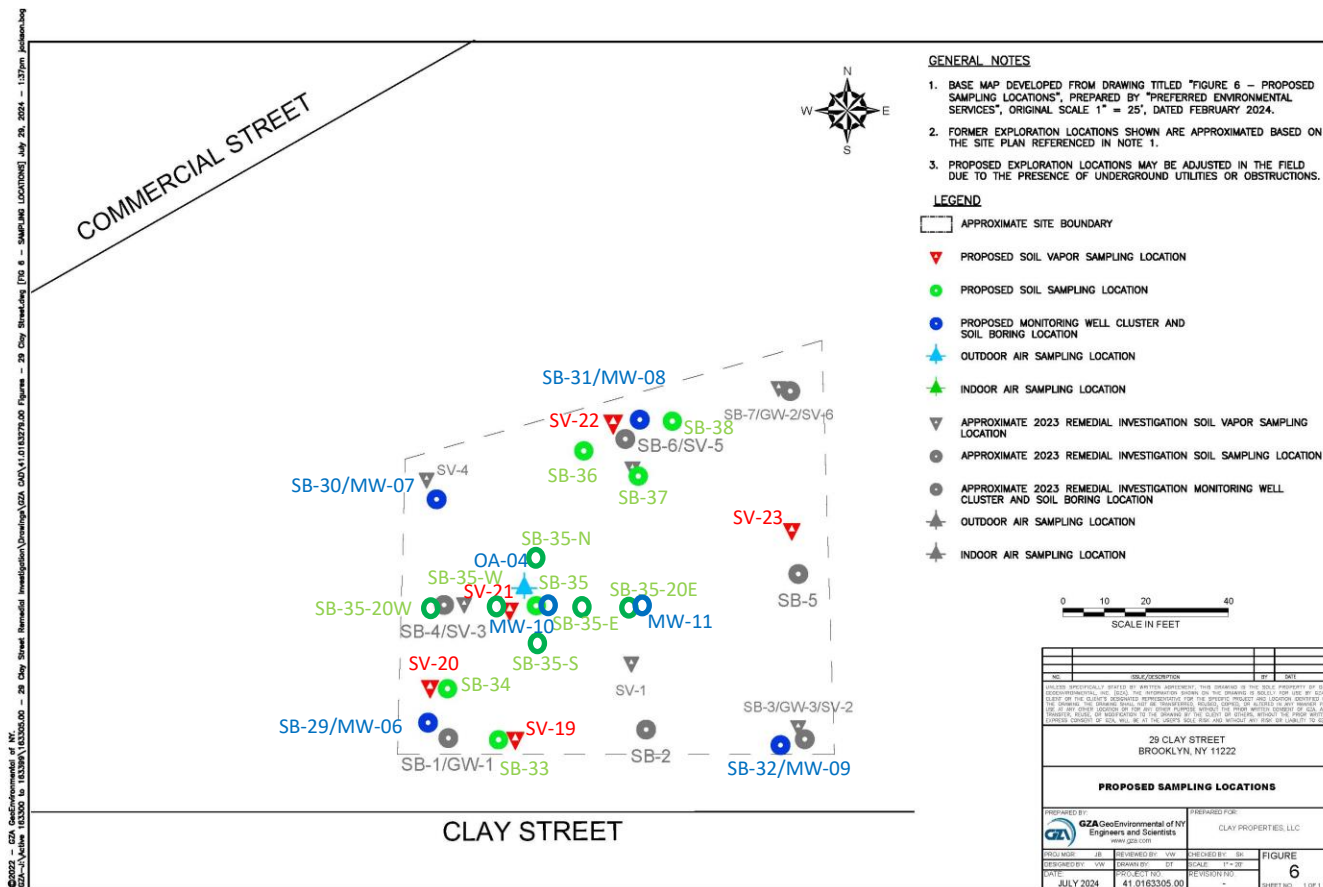
- None

SOIL, SOIL VAPOR, AND INDOOR AIR SAMPLES COLLECTED (SINCE LAST REPORT)

- None

AIR MONITORING RESULTS:

No intrusive work occurred during this monitoring period. Air monitoring was not performed. A handheld PID was used to monitor the breathing zone and headspace of each monitoring well.





GZA DAILY FIELD SUMMARY 016

DATE: 9/10/2024
FILE NO: 41.0163305.00

ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken N/A
			
Description: Coastal setting up air compressor for well flushing of MW-11S		Description: GZA low-flow groundwater sampling at MW-06S.	
Photo No. 3	Direction Photo Taken: West	Photo No. 4	Direction Photo Taken Northwest
			
Description: GZA low-flow groundwater sampling at MW-10S.		Description: GZA low-flow groundwater sampling at MW-11S.	