

### **APPENDIX J – DAILY FIELD REPORTS**

<b>G7</b> ()	<b>GZA DAI</b> DATE: FILE NO:	LY FIELD SUMN 8/5/2024 41.0163305.00	1ARY 001	
PROJECT:	29 Clay Stree	et RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Propert		WEATHER:	Sunny
PREPARED BY:	Jackson Bog		AVE. TEMPERATURE	82.05°F
<b>REVIEWED BY:</b>	Mark Hutsor	· ·	AVE. DEW POINT	66.50°F
			MAX WIND SPEED	14 mph from SSE
ATTACHMENTS	: A – Site Plan		PRECIPITATION	0.17 inches
	B – Photo Lo	g		
	C – Daily Cal	ibration and Air Monitorir	ng 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:	GZ	Ά					
	Jackson Bogach	Yunmee Han					
CONTRACTORS:							
SUBCONTRACTORS:	Coastal Environmental So	olutions, Inc. – Nick Turro					
SITE VISITORS:	Jennifer Gonzalez, NYSDEC PM						



8/5/2024 FILE NO: 41.0163305.00

#### WORK PERFORMED AND DOCUMENTED

DATE:

#### 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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.03 ppm, Particulates: 56.42 ug/m<sup>3</sup>

 $\mu g/mg^3 = micrograms per cubic meter$ ppm – parts per million

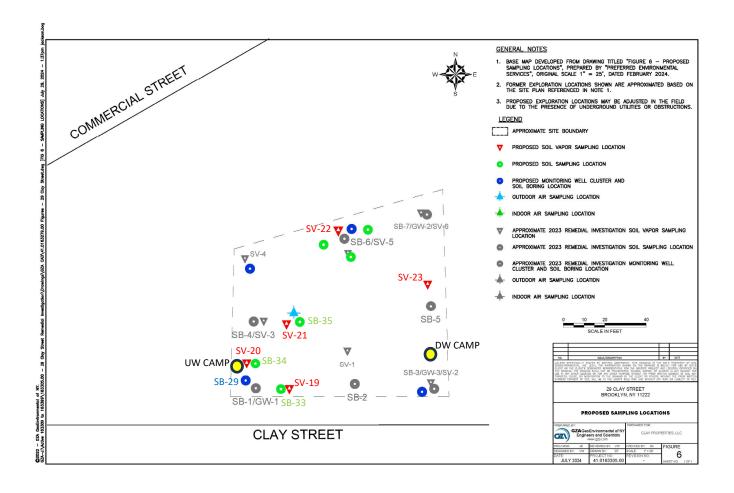
Daily instrumentation calibration log is included in Attachment C. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in Attachment C.



DATE:

8/5/2024 FILE NO: 41.0163305.00

### ATTACHMENT A - SITE PLAN





**DATE:** 8/ **FILE NO:** 41

8/5/2024 41.0163305.00

### ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: South	Photo No. 2	Direction Photo Taken N/A
	Coastal Environmental drilling Soil Boring	Description:	Installed soil vapor sampling point.
	ation is shown adjacent to the work.		
Photo No. 3	<b>Direction Photo Taken:</b> N/A	Photo No. 4	Direction Photo Taken N/A
	A cereaning cell with PID		
Description: G	ZA screening soil with PID.	Description:	View of soil from soil boring SB-35.



DATE: FILE NO:

8/5/2024 41.0163305.00

### ATTACHMENT C – AIR MONITORING

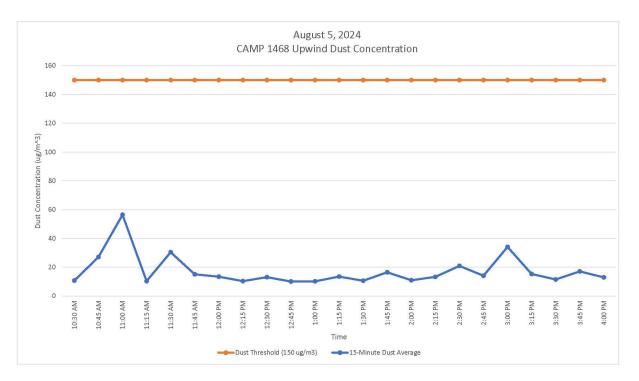
Daily Instrument Calibration Log

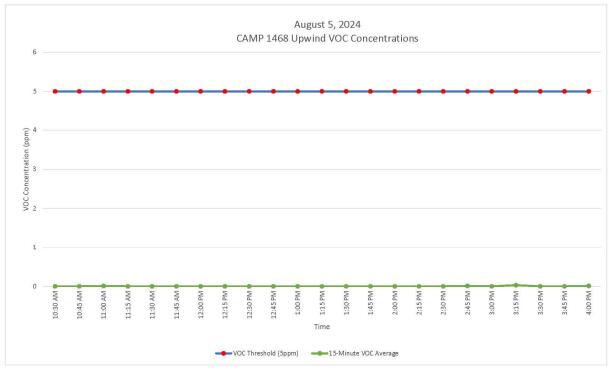
Date: Aug	Date: August 5, 2024 Sampling Technician: Jackson Bogach										
Project #: 41.0163305.00			Proje	Project Name: 29 Clay Street							
Instrument											
Station 1	AirLog	gics Station	1 <u>454</u>								
Station 2	AirLo	gics Station	1468	3							
			. <u> </u>								
Hand		odel 580		592-92	7198						
Held	SideP	10000		31132							
		tandardizati	on:						air Needed:		
PIDs:	Zero	YES		NO			4	Gas	- 100 ppm YES	D NO	
	H	YES	Н	NO			2		YES YES		
	_								TEO	2	
Hand Held	$\mathbf{X}$	YES		NO		Hand	Held	X	YES	D NO	
Data	Zero										
NULDODANONO13198 [323		YES	_	NO							
2		YES	X	NO							
Hand Held		YES		NO		Hand	Held	X	YES	NO	
Post-Shift											
PIDs:	Instru			A		Cump in a ru		Resi	ults/Comme	nts:	
1		Data Data	X	Avg Avg	H	Summary Summary		-			
		Data		Avg		Summary					_
Data Ram											
1 2		Data Data									_
2		Data									
	Weath	ner Station:				YES					
Backer		eadings:									
PID 1:	0.0	eauniys.		D	ata R	am 1: 8.7	9				
PID 2:	0.0		-			am 2: <u>10.</u>					
						×					



DATE: FILE NO:

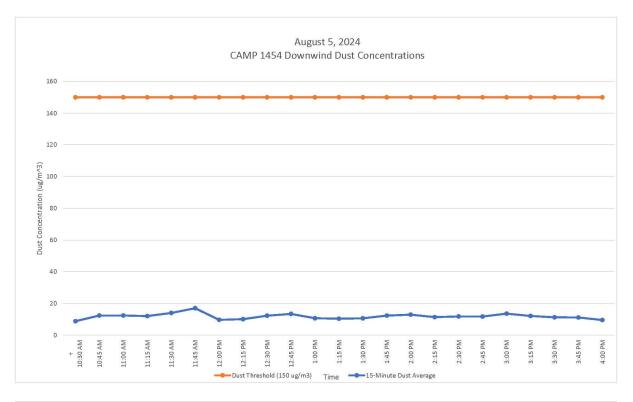
8/5/2024 41.0163305.00

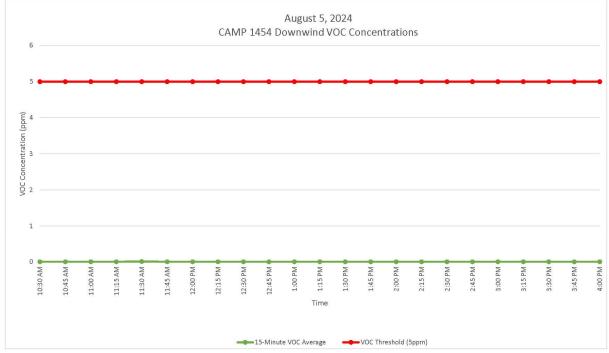






DATE: FILE NO: 8/5/2024 41.0163305.00





G	GZA DAI DATE: FILE NO:	8/6/2024 41.0163305.00	IARY 002	
PROJECT:	29 Clay Stre	et RI – C224408	LOCATION:	Brooklyn, New York
CLIENT:	Clay Propert		WEATHER:	Sunny to Overcast/Lt Rain
PREPARED BY:		•	AVE. TEMPERATURE	83.11°F
	Jackson Bog	· ·		
<b>REVIEWED BY:</b>	Mark Hutso	n (GZA)	AVE. DEW POINT	71.00°F
			MAX WIND SPEED	10 mph from SW
ATTACHMENTS	: A – Site Plan	1	PRECIPITATION	0.00 inches
	B – Photo Lo	og		
		ibration and Air Monitorir	ng Logs	
	2 2011 001		00-	

#### **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							
	PERSO	PERSONNEL						
QEP:	GZ	Α						
	Jackson Bogach	Yunmee Han						
CONTRACTORS:								
SUBCONTRACTORS:	Coastal Environmental So	lutions, Inc. – Nick Turro						
SITE VISITORS:	NYSDEC – Jennifer Gonzalez							



8/6/2024 FILE NO: 41.0163305.00

#### WORK PERFORMED AND DOCUMENTED

DATE:

#### 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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.03 ppm, Particulates: 39.28 ug/m<sup>3</sup>

 $\mu g/mg^3$  = micrograms per cubic meter ppm - parts per million

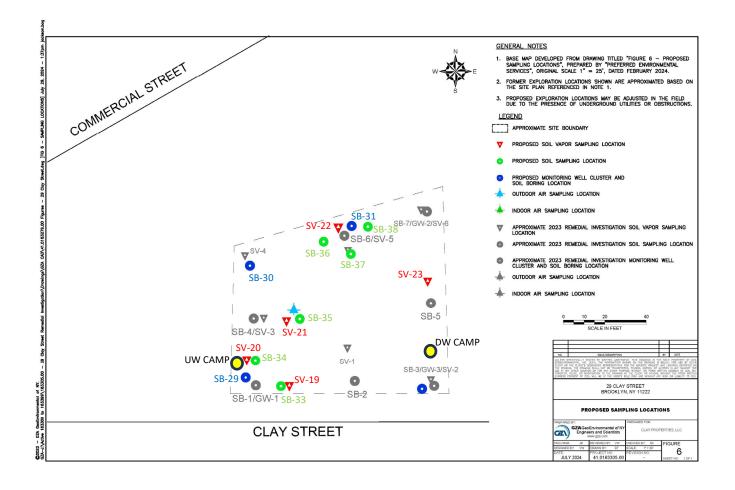
Daily instrumentation calibration log is included in Attachment C. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in Attachment C.



DATE:

8/6/2024 FILE NO: 41.0163305.00

### ATTACHMENT A - SITE PLAN





DATE: FILE NO:

8/6/2024 41.0163305.00

## ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: South	Photo No. 2	Direction Photo Taken East		
	Coastal Environmental drilling Soil Boring ation is shown along property line.	2       Last         Image: Construction of the second state			
Photo No. 3	<b>Direction Photo Taken:</b> N/A	Photo No. 4	Direction Photo Taken N/A		
Description: G	ZA screening soil with PID.	Description:	View of soil from soil boring SB-30.		



DATE:8/6/2024FILE NO:41.0163305.00

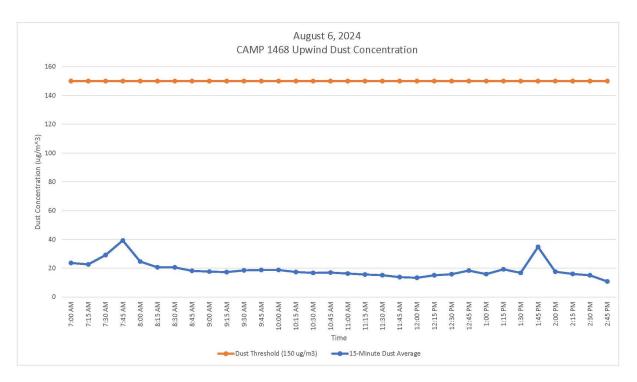
### ATTACHMENT C – AIR MONITORING

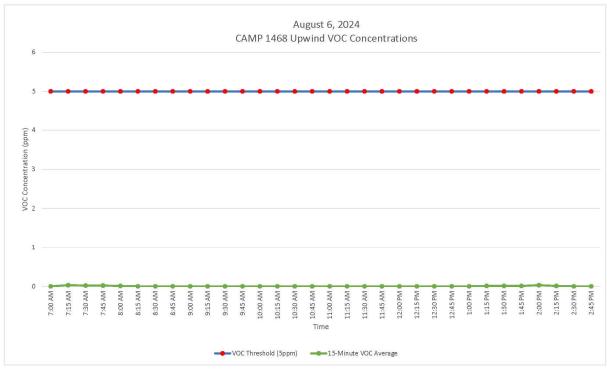
**Daily Instrument Calibration Log** 

Date: Aug	ust 6, 2	024			Sam	pling Tech	nician:	Jac	kson Bogach		
Proiect #:					Proje	ect Name:	29 Cla	y Str	eet		
Instrumen											
Station 1	<u>AirLoc</u>	aics Station	1 <u>454</u>								
Ctation 0	Airlo	gics Station	1468	2				13			
Station 2	7.0120	gios otation	1400	,				13			
								n			
Hand		odel 580		592-602							
Held	SideP	tandardizati		853214	/0/			_			
Pre-Calibr PIDs:	Zero	tandardizatio	on:						air Needed: - 100 ppm		
		YES	X	NO					YES	NO NO	
2	$2\Box$	YES	X	NO					YES	NO NO	
	_										
Hand Held		YES		NO		Hai	nd Held	X	YES	D NO	
Data	Zero										
Contraction of the State of the State		YES	X	NO							
2	$2\Box$	YES	X	NO							
90.040 1.90.040.090 1.040.0								_		-	
Hand Held		YES		NO		Han	d Held	Ц	YES	D NO	
Post-Shift PIDs:	Instru							Dec	ults/Commer		
		Data	X	Avg		Summar	v	Res	uits/Commer	115.	
2			X	Avg		Summar	1.22				_
							-00				_
Data Ram		Data									
	· · · · · · · · · · · · · · · · · · ·	Data									_
-		Data									2
	Weath	ner Station:				YES					
Deale		0.0000000									
PID 1:	ound R 0.0	eadings:			ata R	am 1: 2	617				
PID 1. PID 2:	0.0		-			am 2: 2					
			-	_			0.01				



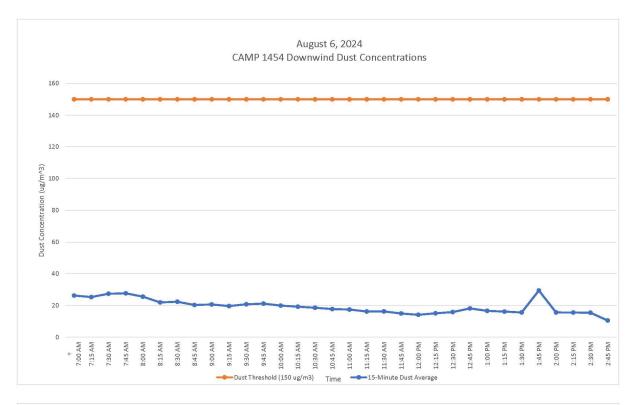
DATE: FILE NO: 8/6/2024 41.0163305.00

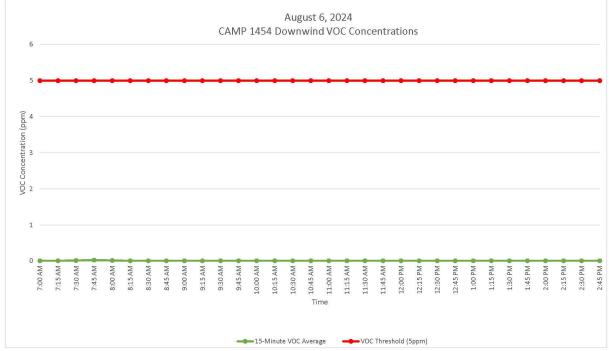






DATE: FILE NO: 8/6/2024 41.0163305.00





GZN	<b>GZA DAI</b> DATE: FILE NO:	LY FIELD SUMMA 8/6/2024 41.0163279.00	RY 001		
	19-27 Clav a	nd 60-62 Commercial Street			
PROJECT:	RI – C224390		LOCATION:	Brooklyn, New York	
CLIENT:	Clay Propert	ies, LLC	WEATHER:	Sunny to Overcast/Lt Rain	
PREPARED BY:	Jackson Boga	ach (GZA)	AVE. TEMPERATURE	83.11°F	
<b>REVIEWED BY:</b>	Mark Hutsor	n (GZA)	AVE. DEW POINT	71.00°F	
			MAX WIND SPEED	10 mph from SW	
ATTACHMENTS	: A – Site Plan		PRECIPITATION	0.00 inches	
	B – Photo Lo	g			
	C – Daily Cali	bration and Air Monitoring Lo	ogs		

#### **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:	G	ΖΑ					
	Jackson Bogach	Yunmee Han					
CONTRACTORS:							
SUBCONTRACTORS:	Coastal Environmental Solu	<b>tions, Inc. –</b> Dennis Berthold					
SITE VISITORS:							



**DATE:** 8/6/2024 **FILE NO:** 41.0163279.00

#### WORK PERFORMED AND DOCUMENTED

#### Tuesday – 8/6/2024

#### Work Location (Attachment A):

- 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:**

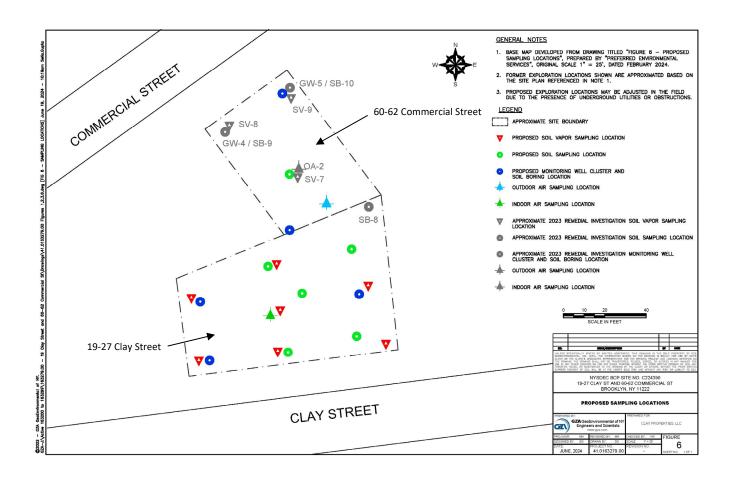
No air monitoring performed. No intrusive site work during today's scope of work.



8/6/2024 41.0163279.00 FILE NO:

DATE:

### ATTACHMENT A - SITE PLAN





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
	Aarked sewer/drain line on the 19-27 Clay		Marked high voltage line on the 19-27
Street Lot follov	ving the geophysical survey.	Clay Street Lo	ot following the geophysical survey.
Photo No. 3	Direction Photo Taken: South	Photo No. 4	<b>Direction Photo Taken</b> N/A
Description: In	npulse Radar PinPointR equipment.	Description:	Vivax Metrotech vLoc3-Pro equipment.

GZN	<b>GZA DAI</b> DATE: FILE NO:	<b>LY FIELD SUMN</b> 8/7/2024 41.0163305.00	1ARY 003	
PROJECT:	20 Clay Stro	et RI – C224408	LOCATION:	Brooklyn, New York
				•
CLIENT:	Clay Propert	•	WEATHER:	Overcast/Rain
PREPARED BY:	Jackson Bog	ach (GZA)	AVE. TEMPERATURE	68.72°F
<b>REVIEWED BY:</b>	Mark Hutso	n (GZA)	AVE. DEW POINT	64.97°F
			MAX WIND SPEED	17 mph from NE
ATTACHMENTS:	: A – Site Plan	1	PRECIPITATION	2.08 inches
	B – Photo Lo	og		
	C – Daily Cal	ibration and Air Monitori	ng 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 Se	olutions, Inc. – Nick Turro						
SITE VISITORS:								



8/7/2024 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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.01 ppm, Particulates: 8.12 ug/m<sup>3</sup>

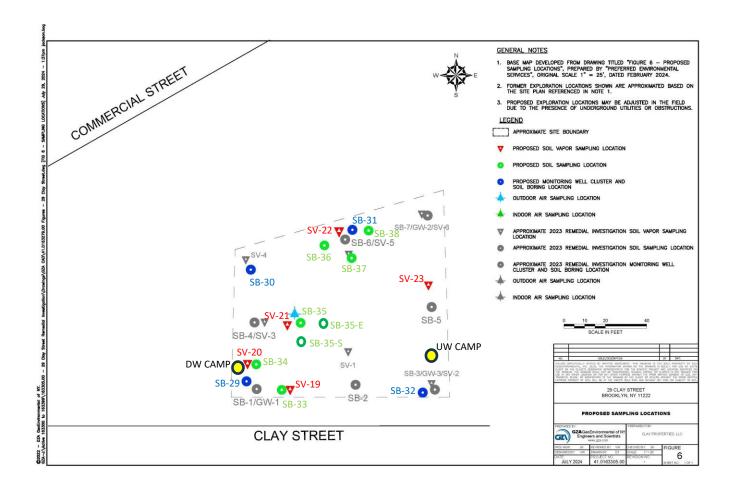
µg/mg<sup>3</sup> = micrograms per cubic meter ppm – parts per million

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**.



**DATE:** 8/7/2024 **FILE NO:** 41.0163305.00

ATTACHMENT A - SITE PLAN





DATE: FILE NO:

8/7/2024 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	Description:	Clay layer at approximately 19 feet below
	tation is shown adjacent to the drilling	ground surfa	ce in boring SB-32.
operation. Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	Northeast	4	N/A
	oastal Environmental drilling SB-35-E. The oring and SB-35-S borings are shown.	-	View of soil from soil boring SB-32-E at ly 17 feet below ground surface.



8/7/2024 FILE NO: 41.0163305.00

DATE:

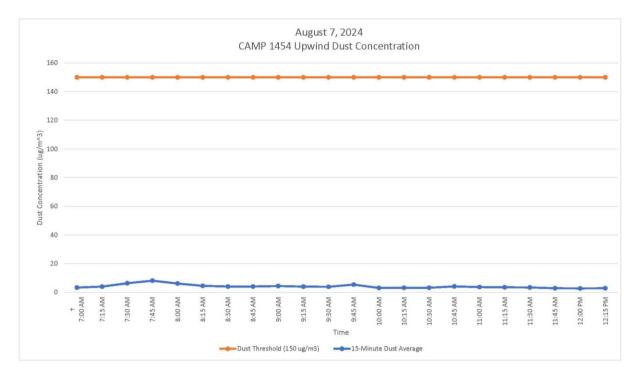
### **ATTACHMENT C – AIR MONITORING**

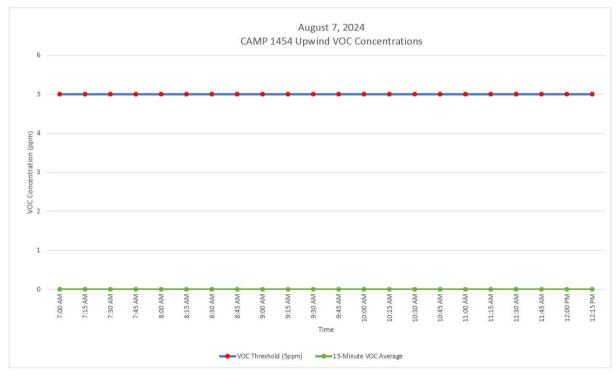
**Daily Instrument Calibration Log** 

Date: Augi	ust 7, 2	024			Sam	pling Te	chnician:	Jac	kson Bogach		
Proiect #:					Proje	ect Nam	e: 29 Cla	y Str	eet		
Instrument	s Used	:									
Station 1	AirLoc	<u>ics Station</u>	1 <u>454</u>					—			
Station 2	AirLog	gics Station	1468	1				n			
			3					·			
Hand Held	PID M SideP	odel 580 ak		592-602 8532147				-			
	ation/St	tandardizatio						Ren	air Needed:		
PIDs: 1	Zero	YES YES		NO NO				Gas	- 100 ppm YES YES	NO NO	
Hand Held		YES		NO			land Held	$\square$	YES	NO NO	
Data Rams: 1 2	Zero	YES YES	X	NO NO							
Hand Held		YES		NO		H	and Held		YES	NO	
Post-Shift PIDs: 1 2	Instrur X		X	Avg Avg		Summ Summ		Res	ults/Commen	ts:	
Data Ram 1 2	X	Data Data									
	Weath	er Station:				YES					
Backgro PID 1: PID 2:	ound R 0.0 0.0	eadings:	-			am 1: am 2:					



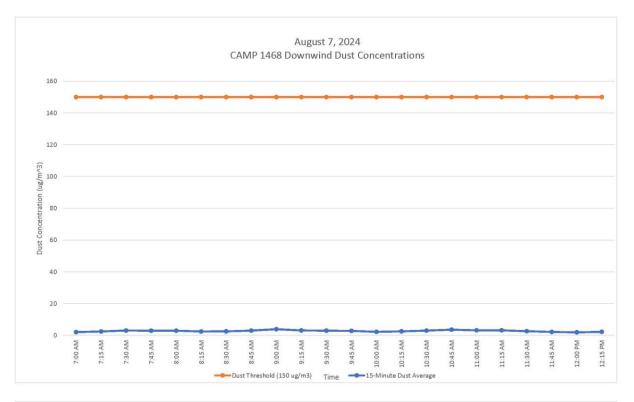
DATE: FILE NO: 8/7/2024 41.0163305.00

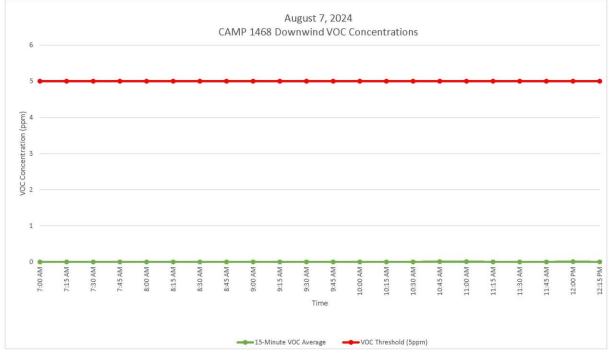






DATE: FILE NO: 8/7/2024 41.0163305.00





GZN	<b>GZA DAI</b> DATE: FILE NO:	8/7/2024 41.0163279.00	RY 002		
	19-27 Clay a	nd 60-62 Commercial Street		Due alikura Navy Vauk	
PROJECT:	RI – C22439	0	LOCATION:	Brooklyn, New York	
CLIENT:	Clay Propert	ties, LLC	WEATHER:	Overcast/Rain	
PREPARED BY:	Jackson Bog	ach (GZA)	AVE. TEMPERATURE	68.72°F	
<b>REVIEWED BY:</b>	Mark Hutso	n (GZA)	AVE. DEW POINT	64.97°F	
			MAX WIND SPEED	17 mph from NE	
ATTACHMENTS:	A – Site Plan	1	PRECIPITATION	2.08 inches	
	B – Photo Lo	og			
	C – Daily Cal	ibration and Air Monitoring L	ogs		
			-		

#### **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 S	olutions, Inc. – Nick Turro							
SITE VISITORS:									



8/7/2024 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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.01 ppm, Particulates: 22.52 ug/m<sup>3</sup>

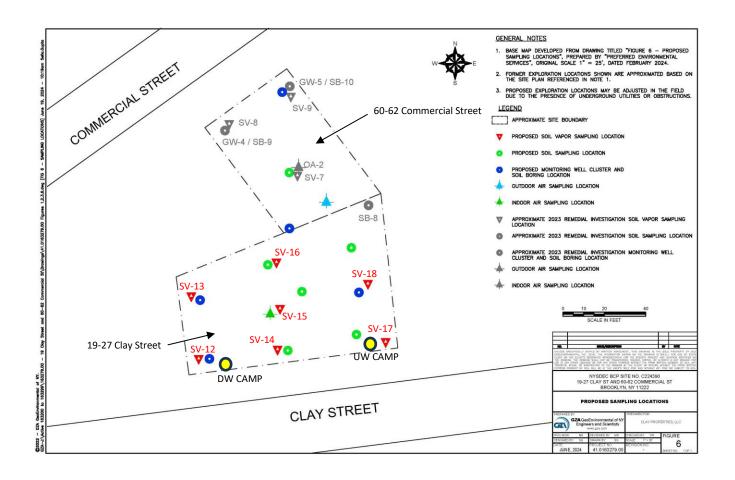
 $\mu$ g/mg<sup>3</sup> = micrograms per cubic meter ppm – parts per million

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**.



**DATE:** 8/7/2024 **FILE NO:** 41.0163279.00

ATTACHMENT A - SITE PLAN





**DATE:** 8/ FILE NO: 42

8/7/2024 41.0163279.00

## ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: West	Photo No. 2	Direction Photo Taken North
Description: C	oastal Environmental drilling SV-14.		Coastal Environmental patching SV-13 te at the surface. #2 filter sand was placed
		beneath the	
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	N/A	4	West
	ainless steel probe used at the base of the		CAMP Station set up at the property



8/7/2024 FILE NO: 41.0163279.00

DATE:

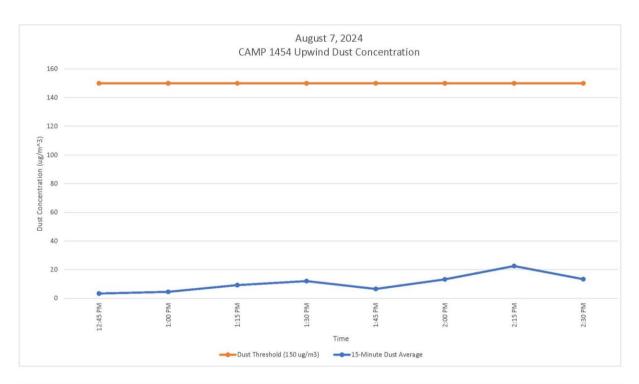
### **ATTACHMENT C – AIR MONITORING**

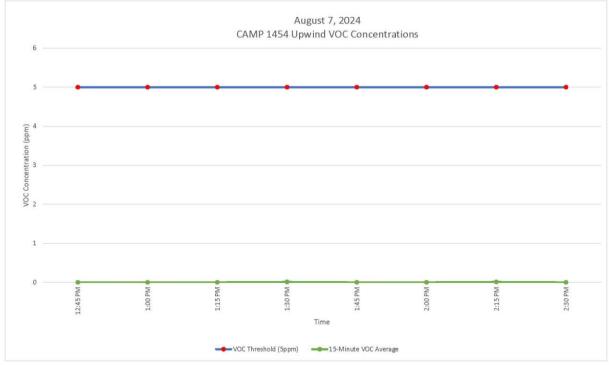
#### **Daily Instrument Calibration Log**

Date: August 7, 2024							pling Technic				1		
Proiect #						Proje	ect Name: 19	9 Cla	y Str	eet			
Instrumer													
Station 1		AirLoc	ics Station	1 <u>454</u>									
Station 2	, <sup>.</sup>	AirLoo	gics Station	1468	3								
Station	1. 1								-				
	2			-									
Hand		PID M SideP	odel 580		592-602								
Held Bro Colib	ro		ak tandardizatio		8532147	/07				NI STATE			_
Pre-Calib PIDs:		Zero	anuaruizau	on.						air Needed: - 100 ppm			
			YES	X	NO					YES	K NO		
	2		YES		NO				<u></u>	YES	X NO		
	- 114			_							-		
Hand Hel	ld	X	YES		NO		Hand	Held	X	YES	D NO		
Data		Zero											
	1		YES	X	NO								
		$\Box$	YES		NO								
		571	VEO	_			n n		_	VEO			
Hand Hel Post-Shif			YES		NO		Hand H	leid	Ц	YES	D NO		
PlDs:		Instrur							Res	ults/Commer	nts:		
	1		Data	X	Avg		Summary		1100		10.		
	2	X	Data	X	Avg		Summary					_	
Dete Des													
Data Ran	ու 1		Data										
	2		Data									-3	
		192373 555	11 C (0172)				W 47-10735						
		Weath	er Station:		-		YES						_
Booker		und D	andingo										
PID 1:	10	0.0	eadings:		D	ata R	am 1: 3.34	í.					
PID 2:	1	0.0		-			am 2: 2.55			1			
	2			-									



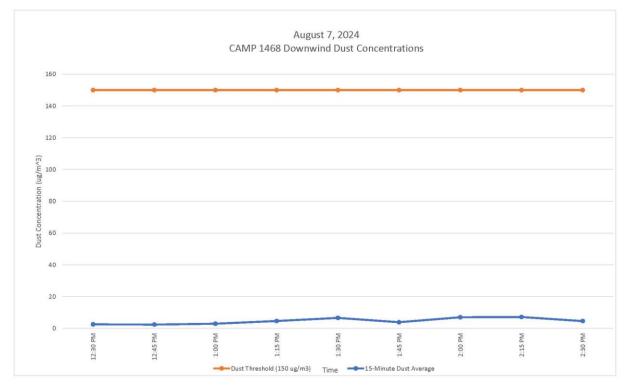
DATE: FILE NO: 8/7/2024 41.0163279.00

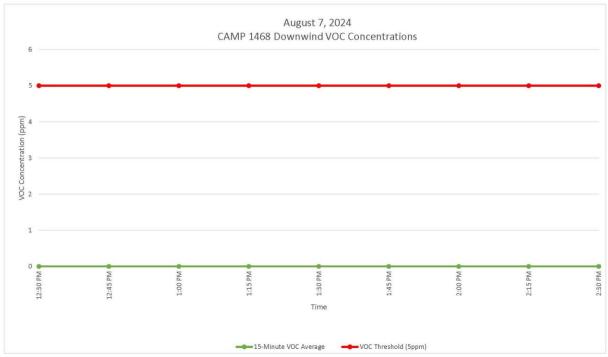






DATE: FILE NO: 8/7/2024 41.0163279.00





GZN	<b>GZA DAIL</b> DATE: FILE NO:	Y FIELD SUMMA 8/8/2024 41.0163279.00	RY 003	
<b>PROJECT</b> :	19-27 Clay an RI – C224390	d 60-62 Commercial Street	LOCATION:	Brooklyn, New York
CLIENT:	Clay Propertie	es, LLC	WEATHER:	Rainy
PREPARED BY:	Jackson Boga	ch (GZA)	AVE. TEMPERATURE	67.69°F
<b>REVIEWED BY:</b>	Mark Hutson	(GZA)	AVE. DEW POINT	63.00°F
			MAX WIND SPEED	14 mph from ENE
ATTACHMENTS:	A – Site Plan		PRECIPITATION	0.09 inches
	B – Photo Log			
	C – Daily Calib	pration and Air Monitoring Lo	ogs	

#### **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:	GZ	GZA						
	Jackson Bogach	Yunmee Han						
CONTRACTORS:								
SUBCONTRACTORS:	Coastal Environmental Solut	i <b>ons, Inc. –</b> Anthony Morano						
SITE VISITORS:								



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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.01 ppm, Particulates: 24.18 ug/m<sup>3</sup>

 $\mu$ g/mg<sup>3</sup> = micrograms per cubic meter ppm – parts per million

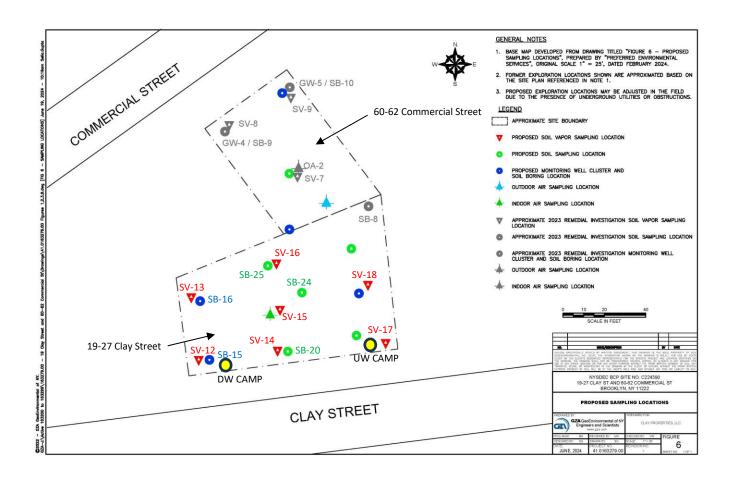
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



DATE:

8/8/2024 FILE NO: 41.0163279.00

ATTACHMENT A - SITE PLAN

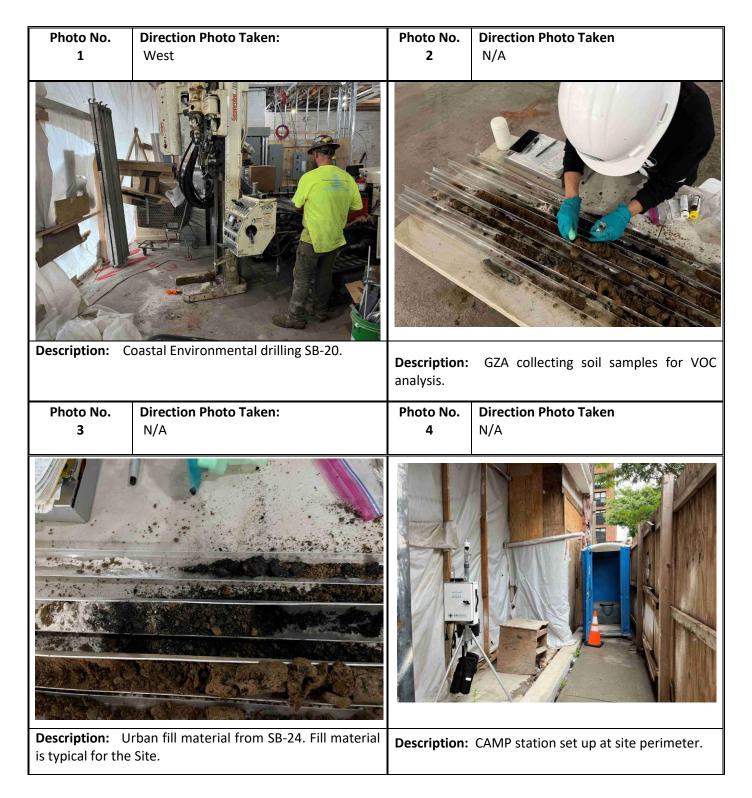




**DATE:** 8/8/2024 **FILE NO:** 41.0163279.00

1101002/0100

### **ATTACHMENT B – PHOTO LOG**





8/8/2024 FILE NO: 41.0163279.00

DATE:

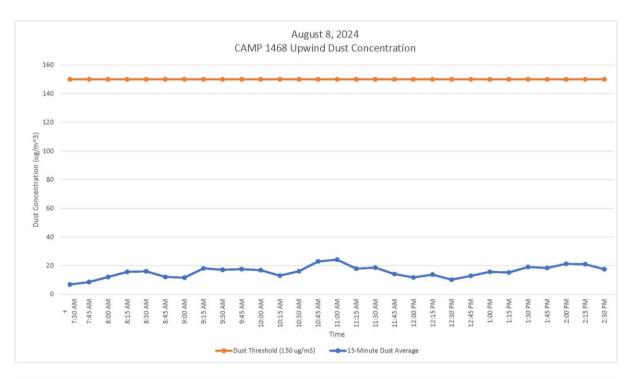
### **ATTACHMENT C – AIR MONITORING**

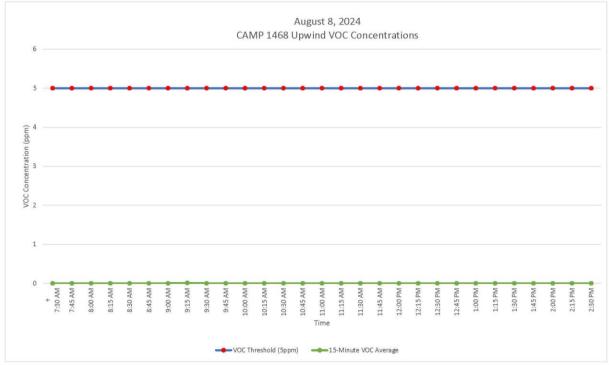
#### **Daily Instrument Calibration Log**

Date: A	ugu	ust 8, 2	.024				pling Technician:					
			63279.00			Proje	ect Name: 19 Cla	y Str	reet			
Instrum												
Station	1	<u>AirLoc</u>	<u>aics Station</u>	1 <u>454</u>	<u> </u>			_				
Station		Airl o	gics Station	1468	3							
Station	4		100 01000					10				ľ
				-								
								10				
Hand			lodel 580		<u>: 592-60</u> 2							
Held		SideP			<u>: 853214</u> 7	707						
			tandardizatio	on:					air Needed:			
PIDs:		Zero	YES		NO		4		s - 100 ppm YES	NO NO		
		H	YES		NO				YES			
	2		I LO	بجب	NG		-		TES			ľ
Hand H	leld	X	YES		NO		Hand Held	X	YES	D NO		
Data		Zero		_								
Rams:			YES		NO							
	2		YES	لكا	NO							
Hand H	leld	X	YES		NO		Hand Held		YES	D NO		
Post-Sł			bad:									_
PIDs:		Instru						Res	sults/Comment	ts:		
	1		Data	$\square$	Avg		Summary					
	2	X	Data	X	Avg		Summary					
Data Ra	ame	c.										
Dutu III	1		Data									
	2							-			<u> </u>	
											_	
							a a-925					
		Weath	ner Station:				YES					_
PID 1		ound R 0.0	eadings:		Г	lata R	am 1: 7.42					
PID 1 PID 2				-		ata R	2 3 Month 1997					
	· ·	0.0										



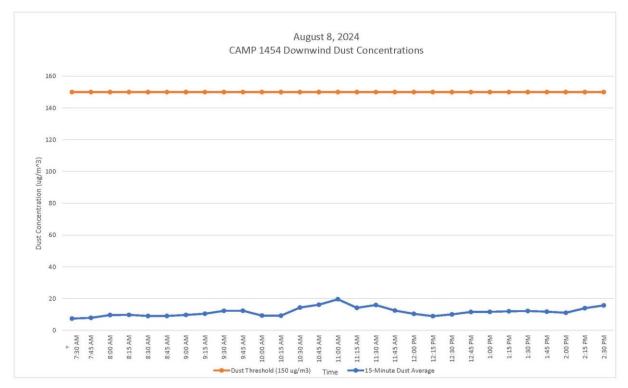
DATE: FILE NO: 8/8/2024 41.0163279.00

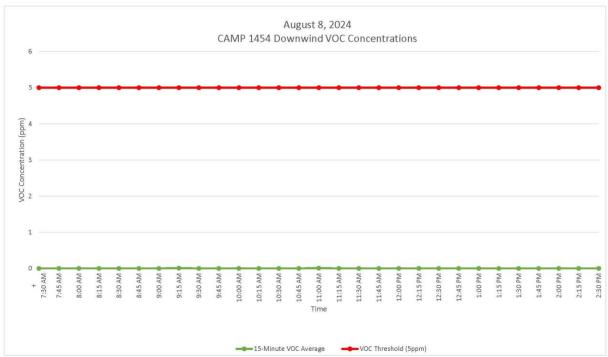






DATE: FILE NO: 8/8/2024 41.0163279.00





GIN	<b>GZA DAIL</b> DATE: FILE NO:	ILY FIELD SUMMARY 004 8/9/2024 41.0163279.00								
PROJECT:	19-27 Clay and	d 60-62 Commercial Street	LOCATION:	Brooklyn, New York						
PROJECT.	RI – C224390		LOCATION.	<b>,</b> ·						
CLIENT:	Clay Propertie	es, LLC	WEATHER:	Overcast/Rainy/Windy						
PREPARED BY:	Jackson Bogad	ch (GZA)	AVE. TEMPERATURE	77.33°F						
<b>REVIEWED BY:</b>	Mark Hutson	(GZA)	AVE. DEW POINT	72.78°F						
			MAX WIND SPEED	31 mph from SSE						
ATTACHMENTS	: A – Site Plan		PRECIPITATION	0.27 inches						
	B – Photo Log									
	e	pration and Air Monitoring Lo	ogs							

#### **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 So	lutions, Inc. – Anthony Morano								
SITE VISITORS:										



**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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.01 ppm, Particulates: 50.47 ug/m<sup>3</sup>

 $\mu$ g/mg<sup>3</sup> = micrograms per cubic meter ppm – parts per million

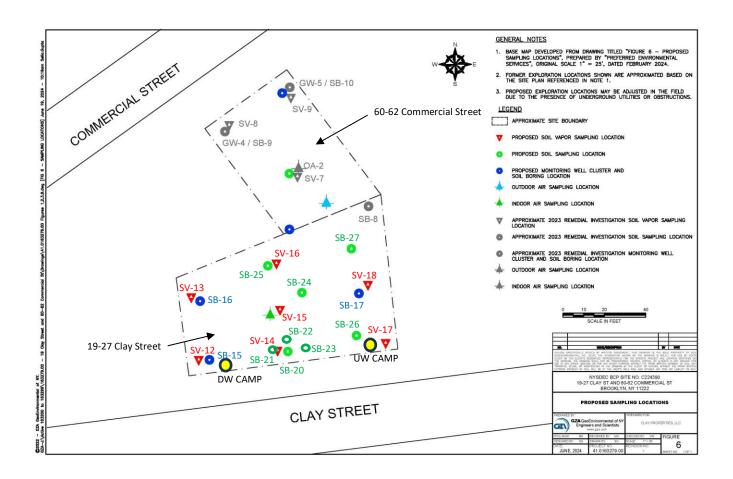
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



8/9/2024 FILE NO: 41.0163279.00

DATE:

ATTACHMENT A – SITE PLAN





DATE: FILE NO:

8/9/2024 41.0163279.00

### **ATTACHMENT B – PHOTO LOG**

Photo No. 1	Direction Photo Taken: Northeast	Photo No. 2	Direction Photo Taken N/A
Description: C	oastal Environmental drilling SB-27.		
	C C	Description: handheld PIE	-
Photo No. 3	<b>Direction Photo Taken:</b> N/A	Photo No. 4	Direction Photo Taken West
<b>Description:</b> C surface in SB-26	Clay layer from 18-20' feet below ground	Description:	CAMP station set up at site perimeter.



8/9/2024 FILE NO: 41.0163279.00

DATE:

### **ATTACHMENT C – AIR MONITORING**

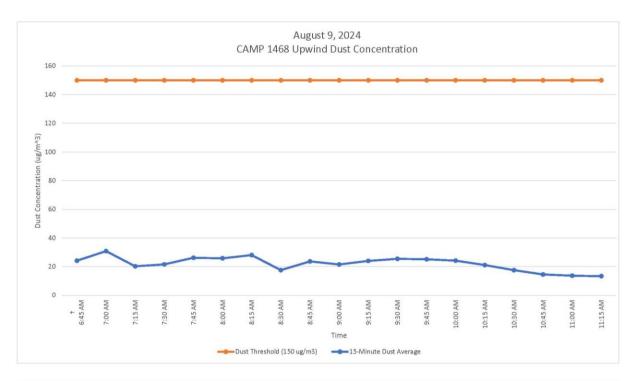
#### **Daily Instrument Calibration Log**

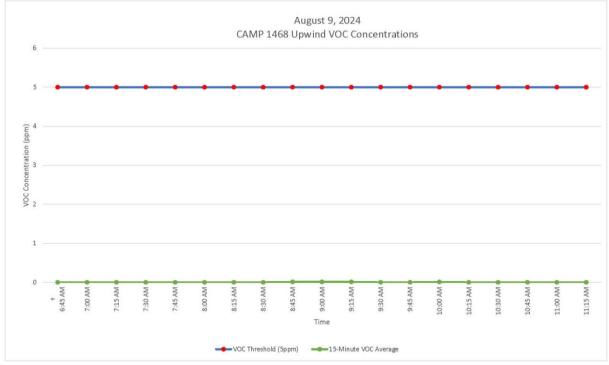
Date: August 9, 2024							pling Technic				า		
			63279.00			Proje	ect Name: 1	9 Cla	y Str	eet			
Instrume													
Station	1	AirLoc	<u>aics Station</u>	1 <u>454</u>	<u>.                                    </u>								
Station	2	Airlo	gics Station	1468									
Station	2	/ בסי	gios otation.	1400	<u> </u>								
1									13 <b></b>				
Hand			lodel 580	SN:	592-602	2785							
Held		SideP			8532147	707							
	bra		tandardizatio	on:						air Needed:			
PIDs:	a.	Zero	VEO	57						- 100 ppm			
1		$\square$	YES YES		NO NO					YES	NO NO		
1	2		YES	لكبا	NO			2		YES			
Hand He	eld	X	YES		NO		Hand	Held	X	YES	D NO		
	0.0.		165	_			1005750 november 20	2 10 10 10 10 10 10 10 10 10 10 10 10 10		120	A CONTRACTOR		
Data		Zero											
Rams:			YES		NO								
1	2		YES	X	NO								
Hand He	eld	X	YES		NO		Hand H	Held		YES	D NO		
Post-Shi									_				_
PIDs:		Instru	ment:						Res	ults/Comme	nts:		
1	1		Data	X	Avg		Summary						
1	2	X	Data	X	Avg		Summary	į					
1													
Data Ra		<b>C</b> <sup>1</sup>											
Data Na	un: 1		Data										
1	2		Data									_	
1	-												
1													
		Weath	ner Station:				YES						
ſ	_			_		_		_					
			eadings:		5	D	4. 05.	05					
PID 1:	·	0.0		-8			am 1: <u>35.3</u> am 2: 24 *						
PID 2:		0.0		-		alan	am 2: <u>24.1</u>	13					
4													



DATE: FILE NO:

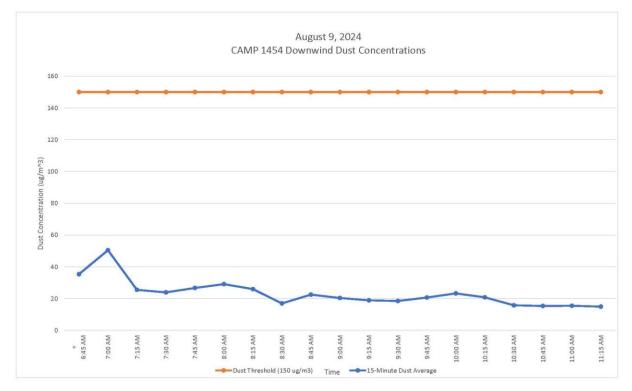
8/9/2024 41.0163279.00

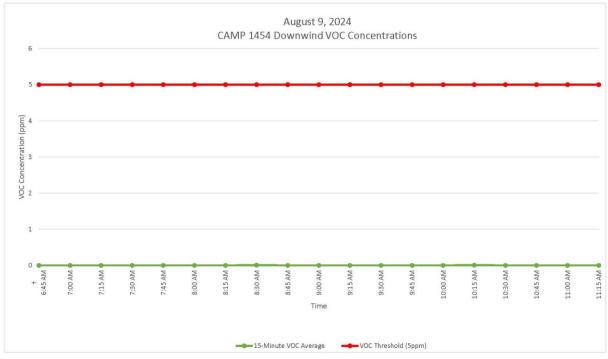






DATE: FILE NO: 8/9/2024 41.0163279.00





GZN	GZA DAI DATE: FILE NO:	LY FIELD SUMN 8/12/2024 41.0163305.00	1ARY 004			
PROJECT: CLIENT: PREPARED BY: REVIEWED BY:	29 Clay Stree Clay Properti Jackson Boga Mark Hutson	ach (GZA)	LOCATION: WEATHER: AVE. TEMPERATURE AVE. DEW POINT MAX WIND SPEED	Brooklyn, New York Sunny 74.57 °F 54.35 °F 25 mph from N		
ATTACHMENTS	B – Photo Lo		<b>PRECIPITATION</b>	0.0 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, August 12, 2024									
	PERSONNEL									
QEP:	GZ	Ά								
	Jackson Bogach	Yunmee Han								
CONTRACTORS:										
SUBCONTRACTORS:	Coastal Environmental Solutions, I	<b>nc. –</b> Nick Turro/Anthony Morano								
SITE VISITORS:										



8/12/2024 41.0163305.00

#### WORK PERFORMED AND DOCUMENTED

#### Monday - 8/12/2024

#### Work Location (Attachment A):

- 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.

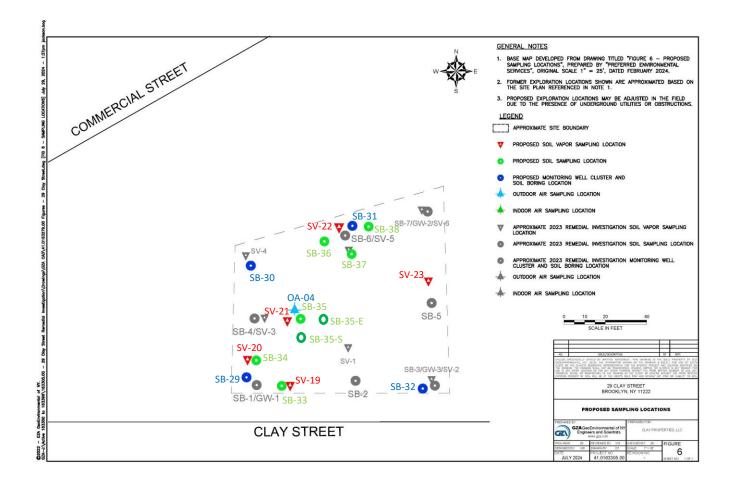
A handheld PID was utilized during soil vapor sampling as shown on the calibration sheet in Attachment C.



DATE:

8/12/2024 FILE NO: 41.0163305.00

ATTACHMENT A - SITE PLAN





DATE:8/12/2024FILE NO:41.0163305.00

## ATTACHMENT B – PHOTO LOG

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



DATE: FILE NO:

8/12/2024 41.0163305.00

#### **Daily Instrument Calibration Log**

Date: August 12, 2024					Sampling Technician: Jackson Bogach						
					Proje	ect Name: 29 0	Clay	Stre	eet		
Instrument											
Station 1	AirLog	<u>gics Station</u>	1 <u>454</u>	<u>- Not U</u> s	sed		8				
Station 2	AirLo	<u>gics Statio</u> n	1468	3 - Not U:	sed		12 13				
							12				
Hand Held		lodel 580 Pak - not use		<u>N: 592-6</u> N: 85321			1) <del>-</del>				
A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR O		tandardizati					E	Repa	air Needed:		
	Zero	YES YES		NO NO			0 1 [	Gas □	<b>- 100 ppm</b> YES YES	NO NO	
Hand Held		YES		NO		Hand He	eld [	X	YES	D NO	
	Zero	YES YES		NO NO							
Hand Held		YES		NO		Hand He	ld [		YES	D NO	
Post-Shift PIDs:	Instru						Ē	2001	ults/Commer	nts:	
1 103.		Data		Avg		Summary		1001		1.5.	
2		Data		Avg		Summary	-				
							-				
Data Ram	s'										
1		Data									
2		Data					_				
	Weath	ner Station:				YES					
		eadings:	-			am 1: am 2:					

GZN	GZA DAII DATE: FILE NO:	LY FIELD SUMMA 8/12/2024 41.0163279.00	RY 005			
	19-27 Clav ar	nd 60-62 Commercial Street				
PROJECT:	RI – C224390		LOCATION:	Brooklyn, New York		
CLIENT:	Clay Properti	es, LLC	WEATHER:	Sunny		
PREPARED BY:	Jackson Boga	ch (GZA)	AVE. TEMPERATURE	74.57 °F		
<b>REVIEWED BY:</b>	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	5				
	C – Daily Calil	bration and Air Monitoring Lo	ogs			

#### **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:	GZ	ZA Contraction of the second se							
	Jackson Bogach	Yunmee Han							
CONTRACTORS:									
SUBCONTRACTORS:	Coastal Environmental Solutions, I	I <b>nc. –</b> Nick Turro, Anthony Morano							
SITE VISITORS:									



8/12/2024 41.0163279.00

#### WORK PERFORMED AND DOCUMENTED

#### Monday - 8/12/2024

#### Work Location (Attachment A):

- 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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.03 ppm, Particulates: 46.63 ug/m<sup>3</sup>

 $\mu$ g/mg<sup>3</sup> = micrograms per cubic meter ppm – parts per million

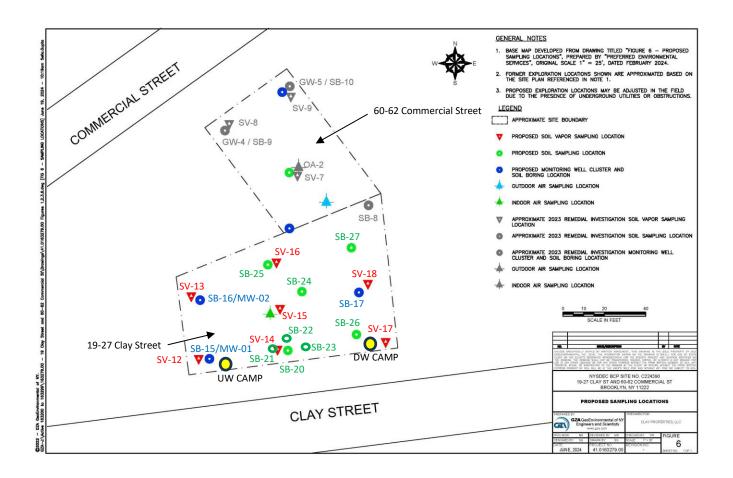
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



DATE:

8/12/2024 FILE NO: 41.0163279.00

ATTACHMENT A - SITE PLAN





DATE: 8 FILE NO: 4

8/12/2024 41.0163279.00

### ATTACHMENT B – PHOTO LOG





8/12/2024 FILE NO: 41.0163279.00

DATE:

### **ATTACHMENT C – AIR MONITORING**

**Daily Instrument Calibration Log** 

Date: August 12, 2024					Sampling Technician:					
			Proj	ect Name:	19 Cla	y Str	eet			
Instrument										
Station 1	AirLogics	Station 14	54	-						
Station 2	AirLogics	Station 14	468	-						
Station 2				-						
				-						
Hand Held	PID Mode SidePak	<u>el 580 S</u>	<u>6N: 592-6</u> 6N: 85321							
Pre-Calibr				4/0/			Rend	air Needed:		
PIDs:	Zero							- 100 ppm		
1		s D	X NO					YES	🖄 NO	
2	🗆 YE	S D	NO			2		YES	X NO	
Hand Held	IXI YE	:S L	] NO		Han	d Held	LX.	YES		
Data	Zero									
	☐ YE	s D	X NO							
2	🗆 YE	S D	XI NO							
Hand Held		ю Г			Han	d Held		YES		
Post-Shift					1 Idi I			160		
PIDs:	Instrumer						Resi	ults/Commen	its:	
1					Summary					
2	🔀 Da	ata 🛛	Avg		Summary	/ .				
Data Ram	s:									
1		ta								
2	🛛 Da	ta								
	Weather	Station			YES					
	Weather	Station			1L3					
Backgro	ound Read	lings:								
PID 1:						6.06				
PID 2:	0.03			Data R	am 2: 1	7.02				

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

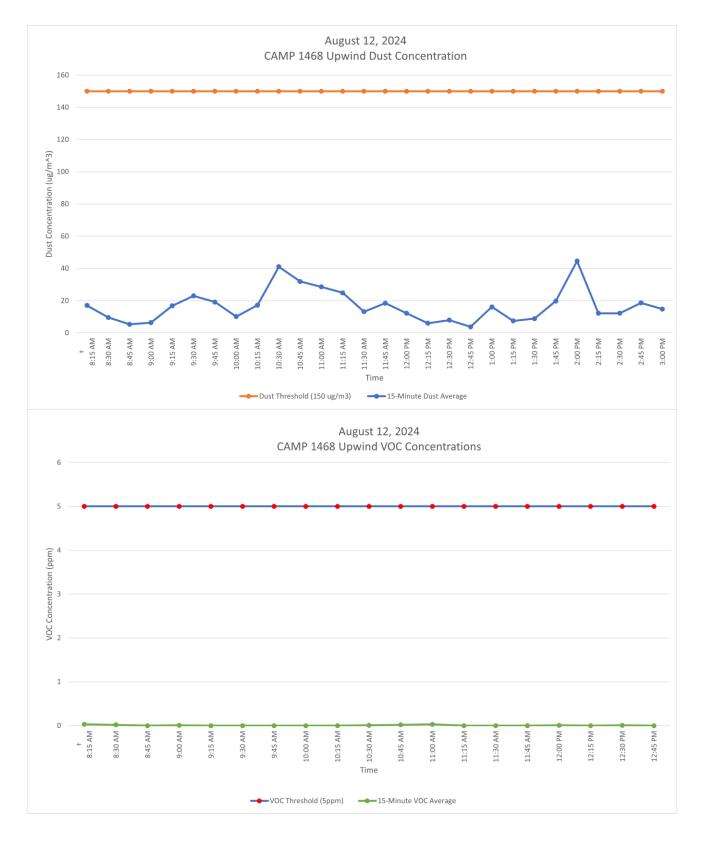


8/12/2024

DATE:

FILE NO:

41.0163279.00

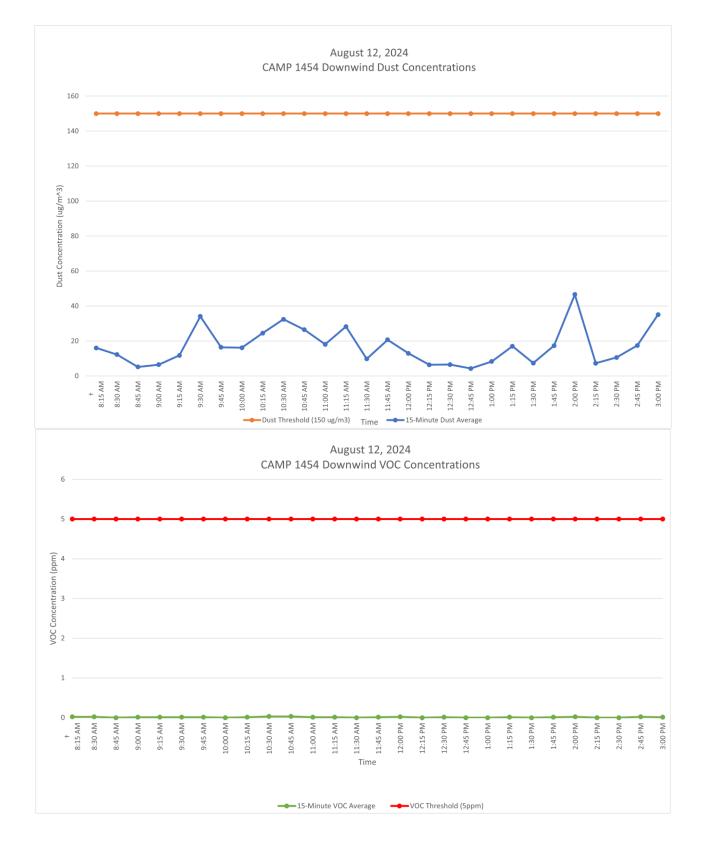




8/12/2024 41.0163279.00

DATE:

FILE NO:



GZN	GZA DAII DATE: FILE NO:	LY FIELD SUMMA 8/13/2024 41.0163279.00	RY 006			
PROJECT:	19-27 Clay ar	nd 60-62 Commercial Street	LOCATION:	Brooklyn, New York		
	RI – C224390					
CLIENT:	Clay Properti	es, LLC	WEATHER:	Sunny/Clear		
PREPARED BY:	Jackson Boga	ch (GZA)	AVE. TEMPERATURE	73.70 °F		
<b>REVIEWED BY:</b>	Mark Hutson	(GZA)	AVE. DEW POINT	54.45 °F		
			MAX WIND SPEED	13 mph from NNW		
ATTACHMENTS:	A – Site Plan		PRECIPITATION	0.01 inches		
	B – Photo Log	2				
		bration and Air Monitoring Lo	ogs			

#### **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 So	<b>blutions, Inc. –</b> Nick Turro								
SITE VISITORS:										



8/13/2024 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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.13 ppm, Particulates: 52.45 ug/m<sup>3</sup>

 $\mu$ g/mg<sup>3</sup> = micrograms per cubic meter ppm – parts per million

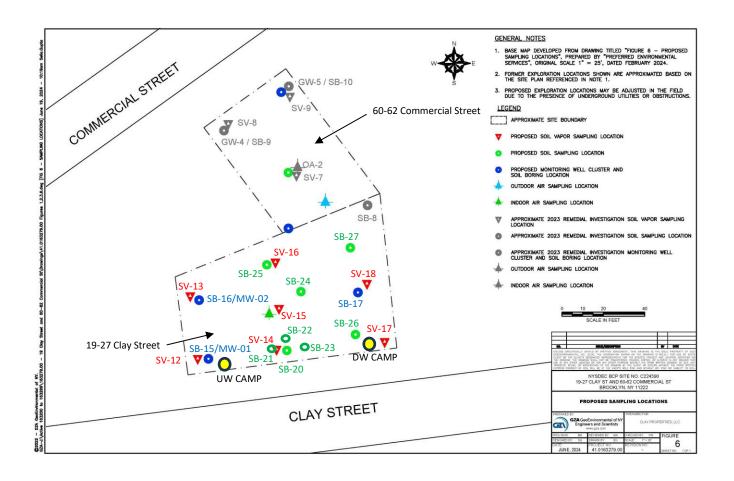
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



DATE:

8/13/2024 FILE NO: 41.0163279.00

ATTACHMENT A - SITE PLAN





DATE: 8 FILE NO: 4

8/13/2024 41.0163279.00

## ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: North	Photo No. 2	Direction Photo Taken N/A		
Description:	oastal Environmental drilling SB-16.				
		-	GZA collecting VOC sample at 45 feet d surface in SB-16.		
Photo No.	Direction Photo Taken: Southwest	Photo No. 4	Direction Photo Taken North		
3	Southwest	4	North		



8/13/2024 FILE NO: 41.0163279.00

DATE:

### **ATTACHMENT C – AIR MONITORING**

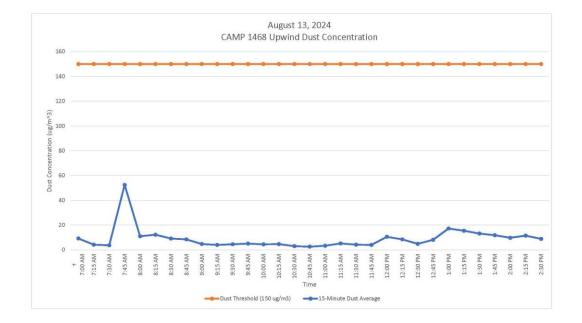
**Daily Instrument Calibration Log** 

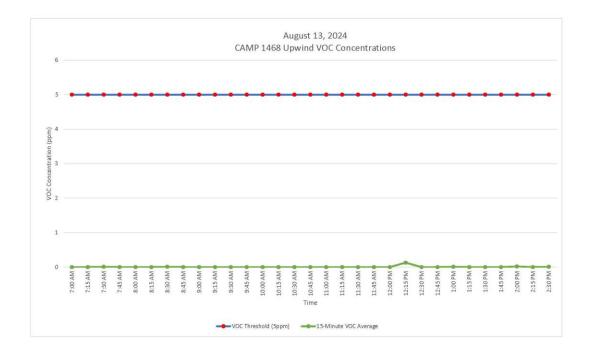
Date: Augu	ust 13,	2024				pling Technician:				
Project #: 41.0163279.00			Proje	ect Name: 19 Cla	iy Str	eet				
Instrument										
Station 1	AirLog	gics Station	1 <u>454</u>				-			
Station 2	AirLo	gics Station	1468	3			_			
	-		_				_			
							-			
Hand	PID N SideF	lodel 580		592-602			—			
Held	-	так tandardizati		853214	/0/		_			
Pre-Calibra	Zero	tandardizati	on:					air Needed: - 100 ppm		
		YES		NO		1		YES	NO NO	
		YES		NO				YES	X NO	
Hand Held		YES		NO		Hand Held		YES		
		TES		NO		nanu neu	لكا	YES		
Data	Zero	NEO.	571							
	$\square$	YES		NO NO						
	-		_				_			
Hand Held Post-Shift		YES	Ц	NO		Hand Held	Ц	YES	D NO	
Post-Shift PIDs:	Instru	Control and the					Pos	ults/Commer	ate:	
1		Data		Avg		Summary	Res	uits/Commer	113.	
2		Data		Avg		Summary	-			_
	00000			U						_
Data Ram	s'									
1		Data								
2	X	Data					_			_
	Weath	ner Station				YES				
Bookers	und D	andinan								
PID 1:		eadings:		D	ata R	am 1: 8.95				
	0.00		_			am 2: 9.22				

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



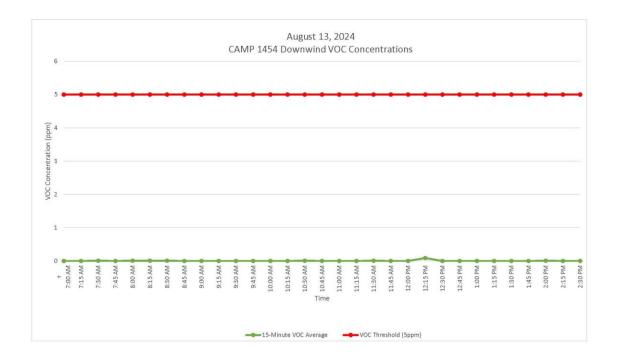
DATE:8/13/2024FILE NO:41.0163279.00

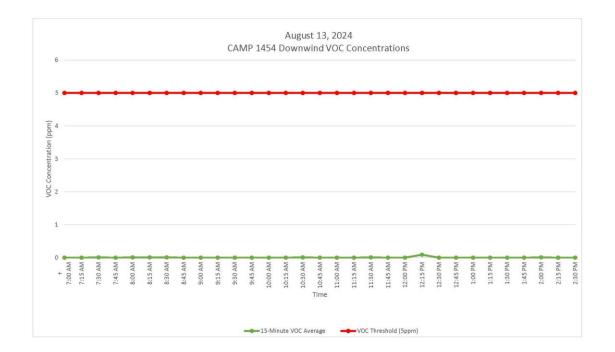






DATE: FILE NO: 8/13/2024 41.0163279.00





GZN	<b>GZA DAII</b> DATE: FILE NO:	<b>Y FIELD SUMMA</b> 8/14/2024 41.0163279.00	RY 007			
PROJECT:	19-27 Clay an	d 60-62 Commercial Street	LOCATION:	Brooklyn, New York		
TROJECT.	RI – C224390		LOCATION.	Brooklyn, New Tork		
CLIENT:	Clay Propertie	es, LLC	WEATHER:	Sunny/Clear		
PREPARED BY:	Jackson Boga	ch (GZA)	AVE. TEMPERATURE	76.94°F		
<b>REVIEWED BY:</b>	Mark Hutson	(GZA)	AVE. DEW POINT	58.59°F		
			MAX WIND SPEED	12 mph from NNW		
ATTACHMENTS:	A – Site Plan		PRECIPITATION	0.00 inches		
	B – Photo Log	Ţ				
		, pration and Air Monitoring Lo	ogs			

#### **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, Au	ıgust 14, 2024						
	PERSONNEL							
QEP:	GZA							
	Jackson Bogach							
CONTRACTORS:		-						
SUBCONTRACTORS:	Coastal Environmental So	lutions, Inc. – Nick Turro						
SITE VISITORS:	New York State Department of Environmental Conservation – Jane O'Connell, Jennifer Gonzales, Andre							
	Obligado							



8/14/2024 41.0163279.00

#### WORK PERFORMED AND DOCUMENTED

#### Wednesday – 8/14/2024

#### Work Location (Attachment A):

- 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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.03 ppm, Particulates: 31.85 ug/m<sup>3</sup>

 $\mu g/mg^3$  = micrograms per cubic meter ppm – parts per million

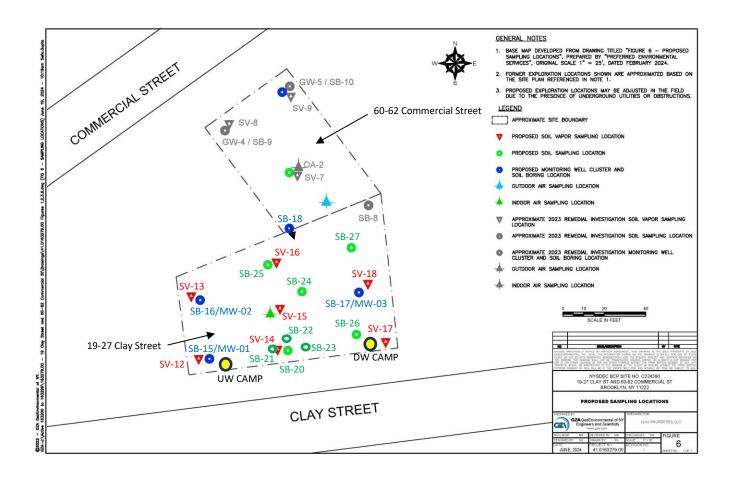
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



8/14/2024 FILE NO: 41.0163279.00

DATE:

### ATTACHMENT A - SITE PLAN





 DATE:
 8/1

 FILE NO:
 41.

8/14/2024 41.0163279.00

## ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: West	Photo No. 2	Direction Photo Taken South
Description: C	oastal Environmental installing MW-03-S.		Installed MW-03-S, screened from 5-15 round surface.
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	West	4	West
3			



8/14/2024 41.0163279.00

DATE:

FILE NO:

### ATTACHMENT C – AIR MONITORING

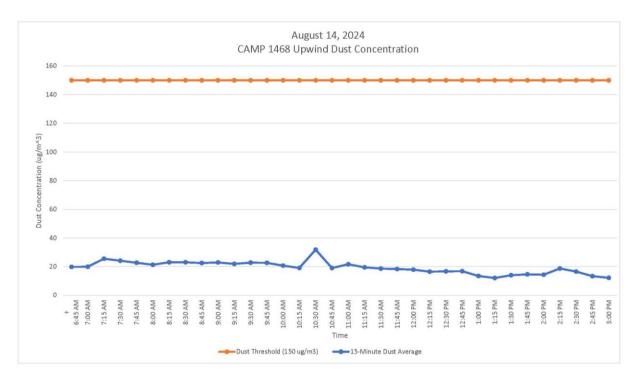
#### Daily Instrument Calibration Log

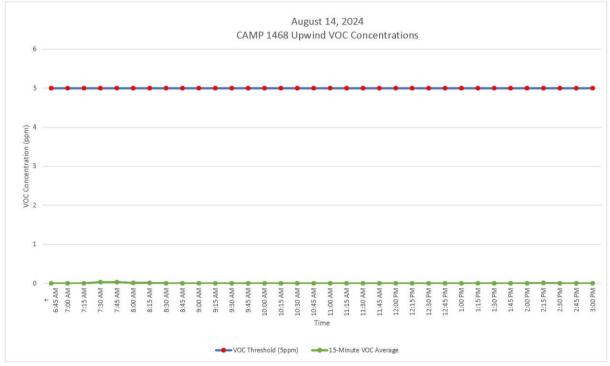
Date: Au	Jgu	ıst 14,	2024			Sam	pling Techni	cian:	Jac	kson Bogacl	h	
		NEWS DIMENSION	63279.00			Proje	ect Name: 1	9 Cla	y Str	eet		
Instrume												
Station	1	AirLoc	<u>gics Station</u>	1 <u>454</u>								
Chatian	~ '	Airlo	gics Station	1/68								
Station	2	AILO	JUS Station	1400	,				-			
	2			-					6			
									3			
Hand		PID M	lodel 580	SN:	592-602	2785						
Held		SideP			8532147	707						
			tandardizatio	on:						air Needed:		
PIDs:		Zero	VEO	57						- 100 ppm		
		$\square$	YES YES		NO NO					YES	K NO K NO	
	2		YES	X.	NO			2		YES		
Hand He	əld	X	YES		NO		Hand	Held	X	YES		
1 100.100 1.2			165	-			500 TANKARO	2 10 10 10 10 10 10 10 10 10 10 10 10 10		1LO	1 - Contractor	
Data		Zero										
Rams:			YES		NO							
	2		YES	X	NO							
Hand He	eld	X	YES		NO		Hand I	Held		YES	D NO	
Post-Shi								-		2° <b>-</b>		
PIDs:		Instru	ment:						Res	ults/Comme	ents:	
	1		Data	X	Avg		Summary					
	2	X	Data	X	Avg		Summary	į				
Data Ra												
Data Na	ms 1	s. IXI	Data									
	2		Data									
	0.00	لاستكنا	Dutt									
		Weath	ner Station:				YES					
			eadings:		-							
PID 1:		0.0		-8			am 1: 22.8					
PID 2:	÷	0.0		-	U	ата п	am 2: <u>19.8</u>	36				
1												



DATE: 8 FILE NO: 4

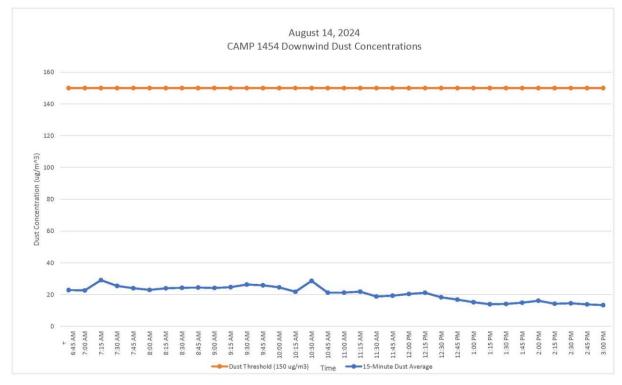
8/14/2024 41.0163279.00

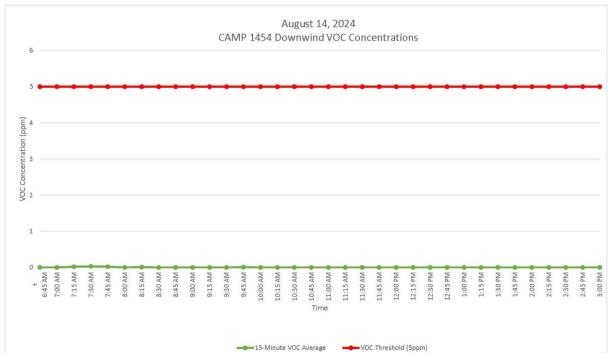






DATE: FILE NO: 8/14/2024 41.0163279.00





GZN	<b>GZA DAI</b> DATE: FILE NO:	LY FIELD SUMMA 8/15/2024 41.0163279.00	RY 008		
PROJECT:	•	nd 60-62 Commercial Street	LOCATION:	Brooklyn, New York	
	RI – C224390				
CLIENT:	Clay Properti	ies, LLC	WEATHER:	Sunny/Clear	
PREPARED BY:	Jackson Boga	ach (GZA)	AVE. TEMPERATURE	78.06°F	
<b>REVIEWED BY:</b>	Mark Hutson	n (GZA)	AVE. DEW POINT	58.59°F	
			MAX WIND SPEED	7 mph from NW	
ATTACHMENTS	A – Site Plan		PRECIPITATION	0.00 inches	
	B – Photo Lo	g			
		bration and Air Monitoring Lo	ogs		

#### **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:	GZ	ZA Contraction of the second se								
	Jackson Bogach	Mark Frey								
CONTRACTORS:										
SUBCONTRACTORS:	Coastal Environmental Solution	<b>ns, Inc. –</b> Nick Turro, John Slavin								
SITE VISITORS:										



8/15/2024 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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.02 ppm, Particulates: 26.01 ug/m<sup>3</sup>

 $\mu$ g/mg<sup>3</sup> = micrograms per cubic meter ppm – parts per million

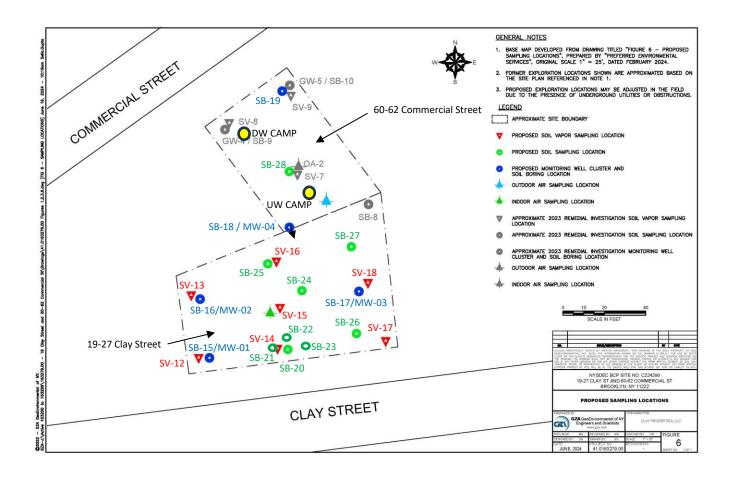
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



DATE:

8/15/2024 FILE NO: 41.0163279.00

ATTACHMENT A - SITE PLAN





DATE:8/15/2024FILE NO:41.0163279.00

## ATTACHMENT B – PHOTO LOG

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



DATE:

FILE NO:

**GZA DAILY FIELD SUMMARY 008** 

8/15/2024 41.0163279.00

### ATTACHMENT C – AIR MONITORING

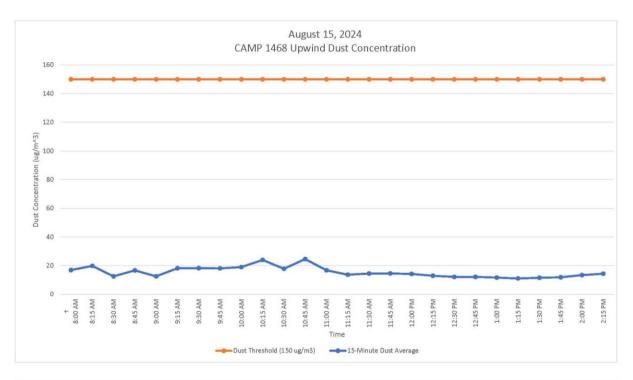
#### Daily Instrument Calibration Log

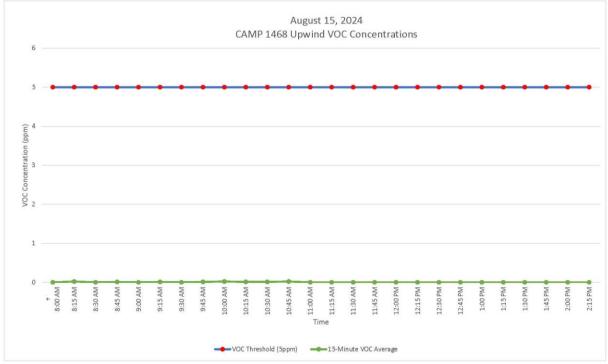
Date: Aug	just 15,	2024			Sam	pling Technicia	an:	Jac	kson Bogach			
Proiect #:					Proje	ect Name: 190	Cla	y Str	eet			
Instrumer												
Station 1	AirLo	<u>gics Station</u>	1 <u>454</u>									
Station 2	AirLo	gics Station	1468	3								
Station 2		<u>gios s</u> .		<u> </u>								
	-											
Hand		1odel 580		592-602								
Held	SideF			8532147	707		_	_				
Pre-Calib PIDs:	zero	itandardizatio	on:					personal pro-	air Needed: - 100 ppm			
		YES	X	NO					YES	NO NO		
	$\frac{1}{2}$	YES		NO					YES	NO NO		
	_		82 M					_		_		
Hand Hel	dX	YES		NO		Hand He	eld	X	YES			
Data	Zero											
		YES	X	NO								
	$2\square$	YES		NO								
		22 Teacher							No. 10 (10) (20)	···		
Hand Hel		YES		NO		Hand He	ld		YES	D NO		
Post-Shift PIDs:	t Downlo Instru							Dec	ults/Commer	.i		
		Data	X	Avg		Summary		Res	ults/Commer	Its:		
	2 🛛		X	Avg		Summary					_	
						,					_	
Data Ran												
	1 🛛 2 🖾	Data Data										
		Data					-					
	Weat	her Station:				YES						
		Readings:		5		4 00.04						
PID 1: PID 2:	0.0		-0			am 1: <u>26.01</u> am 2: 16.88						
PID 2:			-8	D	alan	ani 2. <u>10.00</u>						



8/15/2024 FILE NO: 41.0163279.00

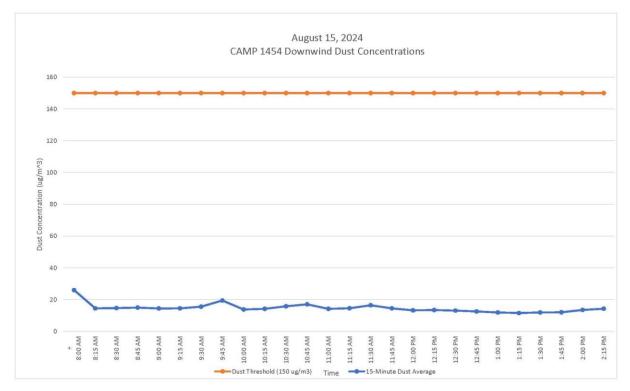
DATE:

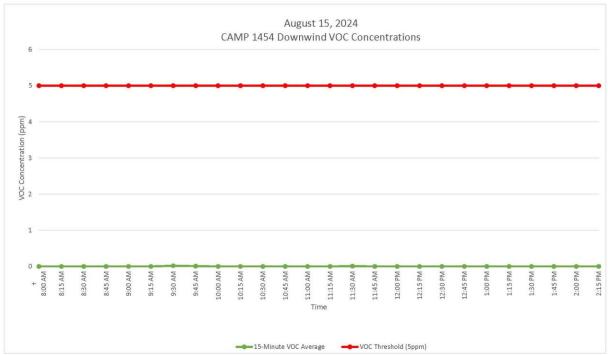






DATE: FILE NO: 8/15/2024 41.0163279.00





GZN	<b>GZA DAII</b> DATE: FILE NO:	<b>LY FIELD SUMMA</b> 8/16/2024 41.0163279.00	RY 009	
<b>PROJECT</b> :	19-27 Clay an RI – C224390	d 60-62 Commercial Street	LOCATION:	Brooklyn, New York
CLIENT:	Clay Propertie		WEATHER:	Sunny/Clear
PREPARED BY:	Mark Frey (G		AVE. TEMPERATURE	77.83°F
<b>REVIEWED BY:</b>	Mark Hutson	(GZA)	AVE. DEW POINT	64.00°F
			MAX WIND SPEED	14 mph from NE
ATTACHMENTS:	A – Site Plan		PRECIPITATION	0.00 inches
	B – Photo Log	5		
	C – Daily Calik	pration and Air Monitoring Lo	ogs	

#### **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							
	PERSO	NNEL						
QEP:	GZ	A						
	Mark Frey							
CONTRACTORS:								
SUBCONTRACTORS:	Coastal Environmental Solution	<b>s, Inc. –</b> Nick Turro, John Slavin						
SITE VISITORS:								



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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.04 ppm, Particulates: 71.95 ug/m<sup>3</sup>

 $\mu$ g/mg<sup>3</sup> = micrograms per cubic meter ppm – parts per million

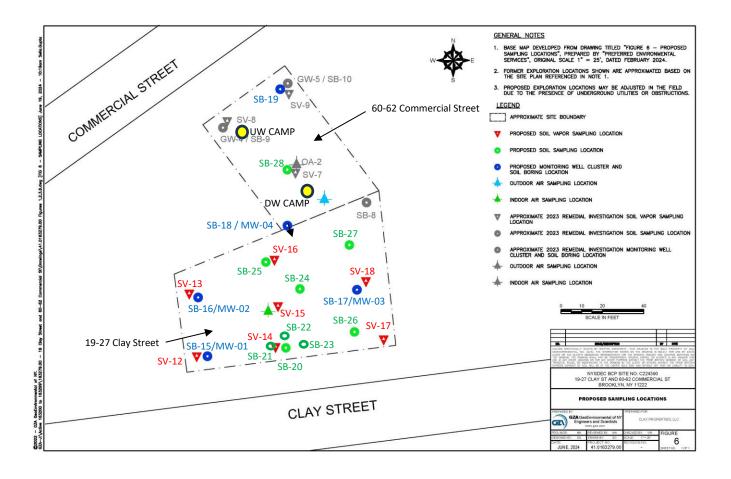
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



DATE:

8/16/2024 FILE NO: 41.0163279.00

### ATTACHMENT A - SITE PLAN





DATE:8/16/2024FILE NO:41.0163279.00

## ATTACHMENT B – PHOTO LOG

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



DATE: FILE NO:

8/16/2024 41.0163279.00

### ATTACHMENT C – AIR MONITORING

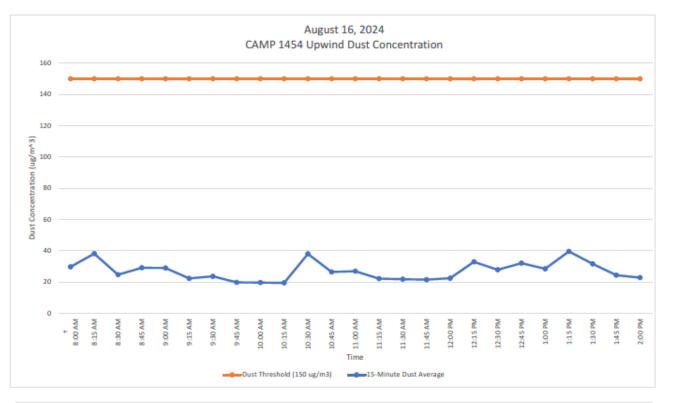
**Daily Instrument Calibration Log** 

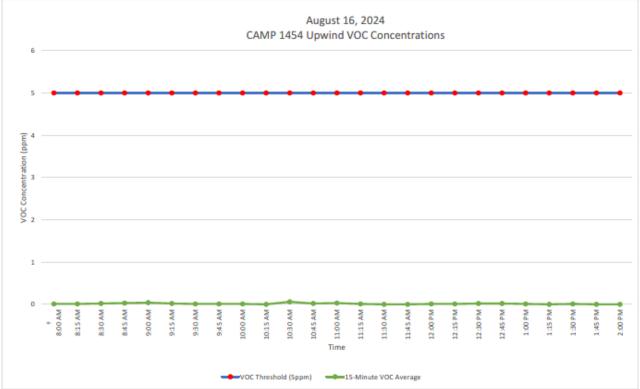
Date: Aug	ust 16.	2024			Sam	pling Technician:	Ма	rk Frey		
Proiect #:						ect Name: 19 Cla				
Instrument	s Used	:					-			
Station 1	AirLog	ics Station	1 <u>454</u>							
Station 2	AirLo	gics Station	1468	}						
Hand		odel 580		592-602						
Held	SideP			853214	707					
		tandardizati	on:					air Needed:		
	Zero	YES YES	X	NO NO				- 100 ppm YES YES	NO NO	
Hand Held		YES		NO		Hand Held	X	YES		
	Zero	YES YES	_	NO NO						
Hand Held		YES		NO		Hand Held		YES		
Post-Shift PIDs: 1 2	Instru X		X	Avg Avg		Summary Summary	Res	ults/Commer	nts:	_
Data Ram 1 2	X	Data Data								_
	Weath	ner Station:				YES				
Backgro PID 1: PID 2:	0.0 0.0 0.01	eadings:	_			am 1: <u>17.43</u> am 2: <u>29.71</u>				



DATE: FILE NO:

41.0163279.00

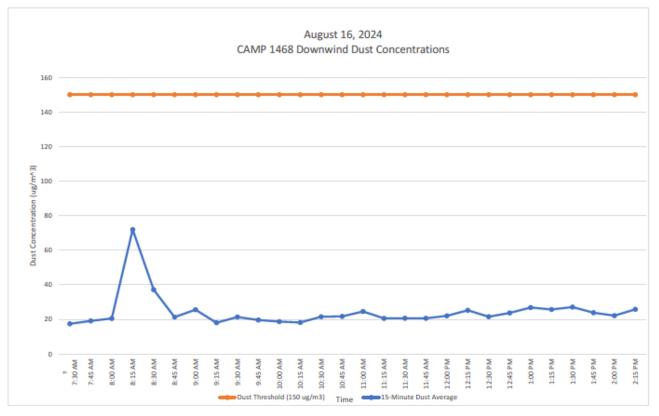


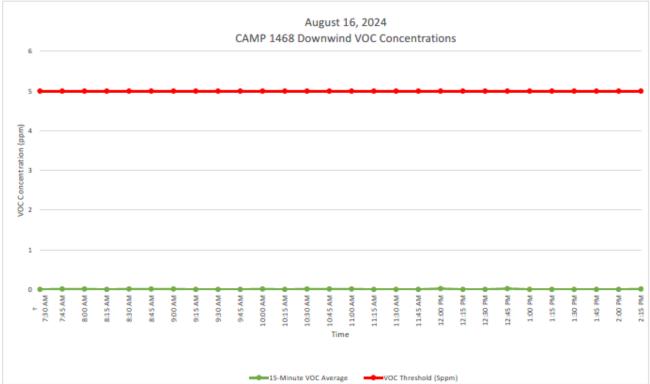


8/16/2024



DATE: FILE NO: 8/16/2024 41.0163279.00





GZN	<b>GZA DAII</b> DATE: FILE NO:	<b>LY FIELD SUMN</b> 8/19/2024 41.0163305.00	/IARY 005	
PROJECT: CLIENT: PREPARED BY: REVIEWED BY:	29 Clay Stree Clay Propertio Mark Frey (G Mark Hutson	ZA)	LOCATION: WEATHER: AVE. TEMPERATURE AVE. DEW POINT MAX WIND SPEED	Brooklyn, New York Cloudy 76.13 °F 66.87 °F 18 mph from WNW
ATTACHMENTS:	B – Photo Log	g pration and Air Monitori	PRECIPITATION ng Logs	2.18 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, Aug	Monday, August 19, 2024								
	PERSONNEL									
QEP:	GZA									
	Mark Frey	Jackson Bogach								
CONTRACTORS:										
SUBCONTRACTORS:	Coastal Environmental Solutions,	, Inc. – Nick Turro/Patrick Nelson								
	Aarco Environmental Solut	t <b>ions, Inc. –</b> Dayvi Pacheco								
SITE VISITORS:	GZA - Victor	ria Whelan								



8/19/2024 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
- Eijkelkamp 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/m<sup>3</sup> High Conditions – PID: 0.04 ppm, Particulates: 49.00 ug/m<sup>3</sup>

 $\mu$ g/mg<sup>3</sup> = micrograms per cubic meter ppm – parts per million

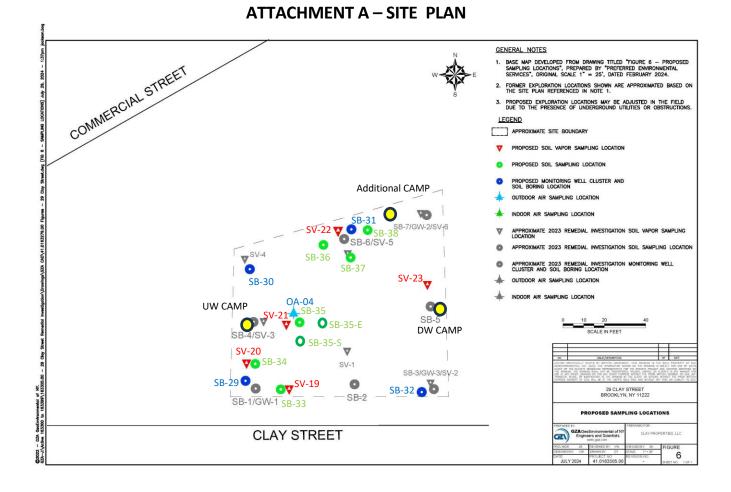
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.

**GZA DAILY FIELD SUMMARY 005** DATE:



8/19/2024 FILE NO:

41.0163305.00





DATE:8/19/2024FILE NO:41.0163305.00

## ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: Southwest	Photo No. 2	Direction Photo Taken South
	<image/>		
Description: classification and	Coastal drilling SB-35-20E for soil d sampling.	Description:	Soil recovered from SB-35-20E.
Photo No. 3	Direction Photo Taken: Southwest	Photo No. 4	Direction Photo Taken Southeast
	<image/>		
Description: Coa MW-11S and M	astal drilling a cluster well to 25 ft bgs for	<b>Description:</b> installation o	



DATE:8/19/2024FILE NO:41.0163305.00

### ATTACHMENT C – AIR MONITORING

**Daily Instrument Calibration Log** 

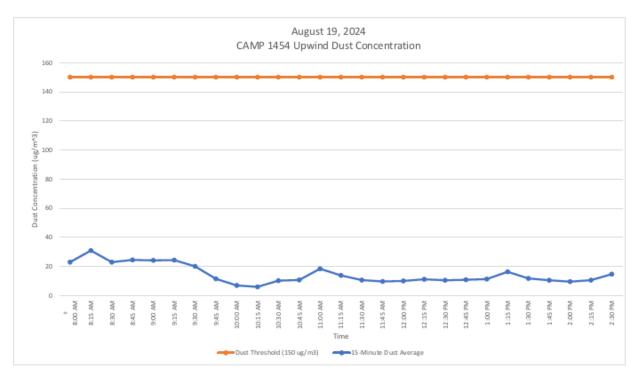
Date: Augu	ust 19,	2024			Sam	pling Technician	: 1	Marl	k Frey		
Proiect #:						ct Name: 29 Cl					
Instrument											
Station 1	AirLog	gics Station	1 <u>454</u>				_				
Station 2	AirLo	gics Station	1468				_				
							_				
							-				
Hand		odel 580		592-602			_				
Held	SideP		_	8532147	707		_				
		tandardizati	on:						air Needed:		
PIDs:	Zero	VEO							- 100 ppm		
		YES YES	_	NO NO					YES	⊠ NO ⊠ NO	
2		TES	x	NO			2 1		YES		
Hand Held		YES		NO		Hand Held	d (	X	YES	□ NO	
Data	Zero		_								
Rams: 1 2	R	YES YES		NO NO							
2 <sup>2</sup>		TE0		NO							
Hand Held		YES		NO		Hand Held			YES	D NO	
Post-Shift											
PIDs:	Instru			A		Cummer and	ŀ	Resu	ults/Commen	ts:	
1		Data Data	X	Avg Avg	H	Summary Summary	_				
_ <sup>2</sup>		Data		Avg		Summary	_				
Data Ram	_	Data									
1 2		Data Data					_				
_ <sup>_</sup>		Data					_				
	Weath	er Station:				YES					
Backard	und P	eadings:									
PID 1:		eaungs.		D	ata R	am 1: 22.93					
PID 2:	0.1		_			am 2: 19.88					
			_								
PID 1:	ound R 0.1	ner Station: eadings:	_			YES am 1: <u>22.93</u> am 2: <u>19.88</u>					 _

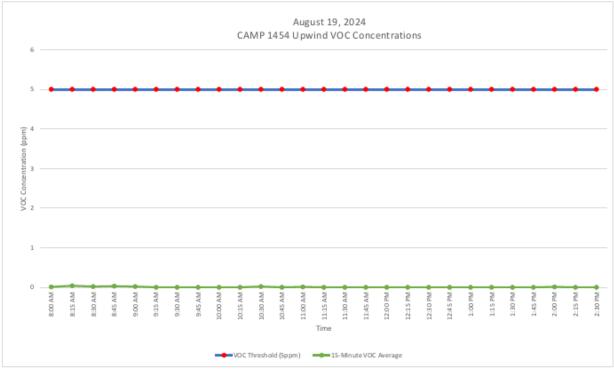


FILE NO:

DATE:

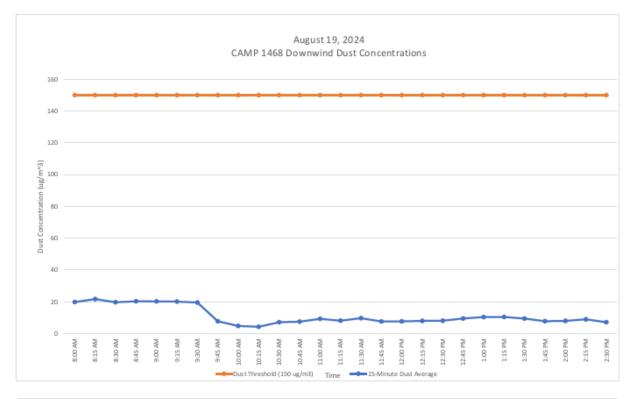
8/19/2024 41.0163305.00

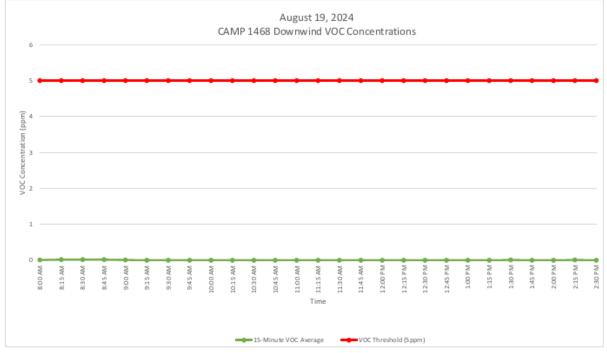






DATE: FILE NO: 8/19/2024 41.0163305.00







DATE:8/19/2024FILE NO:41.0163305.00

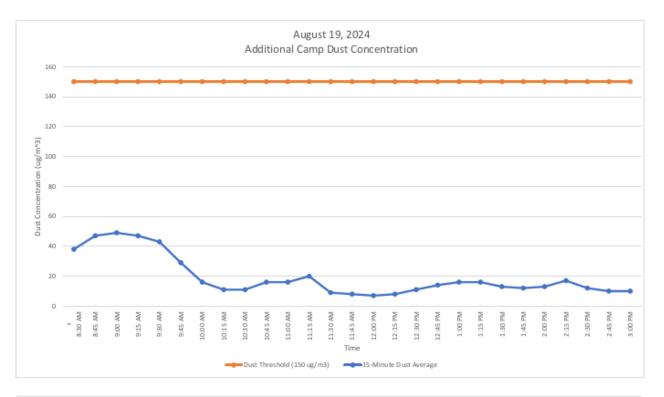
### Additional CAMP Daily Instrument Calibration Log

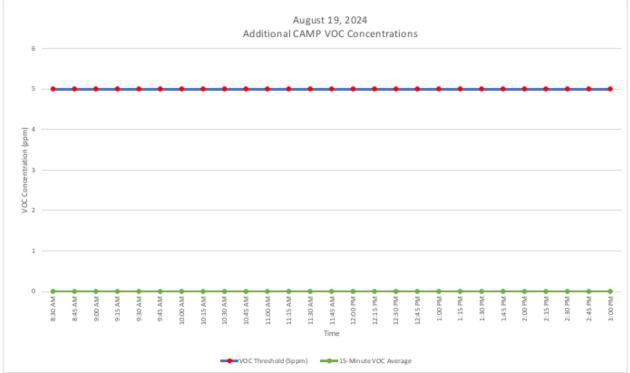
Date: August 19, 2024						Sampling Technician: Mark Frey				
					Project Name: 29 Clay Street					
Instrument	s Used	:								
Station 1	Pine E	Environment	al C/	AMP - 80	1076					
Station 2										
Hand Held										
	tion/Ci	tandardizati					_	-t-Maadada		
Pre-Calibra PIDs:	Zero	landardizati	on:					air Needed:		
	X	YES		NO		1	Gas	- 100 ppm YES		
		YES	R	NO				YES		
- L		120				-		120		
Hand Held		YES		NO		Hand Held		YES	□ NO	
Data	Zero		_							
		YES		NO						
2		YES		NO						
Hand Held				NO		Hand Held		YES	□ NO	
Post-Shift PIDs:	Instru						Pee	ults/Commen	te:	
1		Data	X	Avg		Summary	Res	uits/Commen	15.	
2		Data	X	Avg	H	Summary				
						,				
Data Ram										
Data Ram	_	Data								
2		Data								
_		Data								
					_					
	Weath	ner Station:				YES				
Backara	Reskeround Readinger									
	Background Readings: PID 1: 0.0 Data Ram 1: 38.00									
PID 2:										
			-							



8/19/2024 FILE NO: 41.0163305.00

DATE:





GZN	<b>GZA DAIL</b> DATE: FILE NO:	Y FIELD SUMMA 8/19/2024 41.0163279.00	RY 010		
	19-27 Clay and	d 60-62 Commercial Street	100171011		
PROJECT:	RI – C224390		LOCATION:	Brooklyn, New York	
CLIENT:	Clay Propertie	s, LLC	WEATHER:	Overcast	
PREPARED BY:	Jackson Bogac	h (GZA)	AVE. TEMPERATURE	75.05°F	
<b>REVIEWED BY:</b>	Mark Hutson (	GZA)	AVE. DEW POINT	67.35°F	
			MAX WIND SPEED	10 mph from SW	
ATTACHMENTS:	A – Site Plan		PRECIPITATION	2.18 inches	
	B – Photo Log				
	C – Daily Calib	ration and Air Monitoring Lo	ogs		

#### **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 – Da	aybi Pacheco					
SITE VISITORS:	GZA – Victoria Whelan						



8/19/2024 41.0163279.00

### WORK PERFORMED AND DOCUMENTED

### Monday - 8/19/2024

### Work Location (Attachment A):

- 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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.00 ppm, Particulates: 98.00 ug/m<sup>3</sup>

 $\mu$ g/mg<sup>3</sup> = 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**.

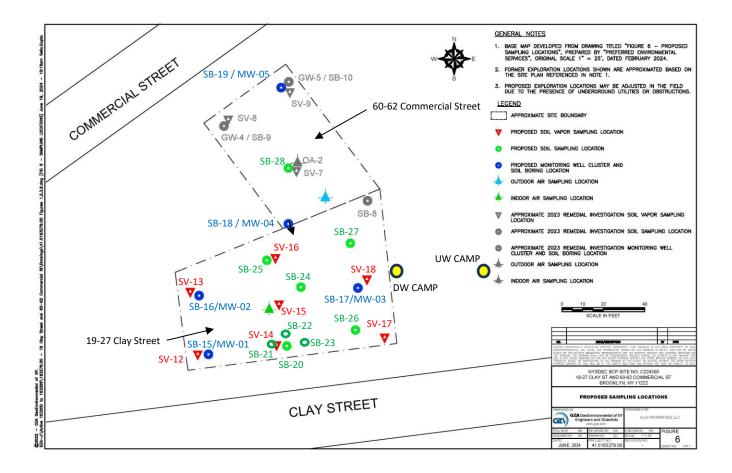


DATE:

FILE NO:

8/19/2024 41.0163279.00

### ATTACHMENT A – SITE PLAN

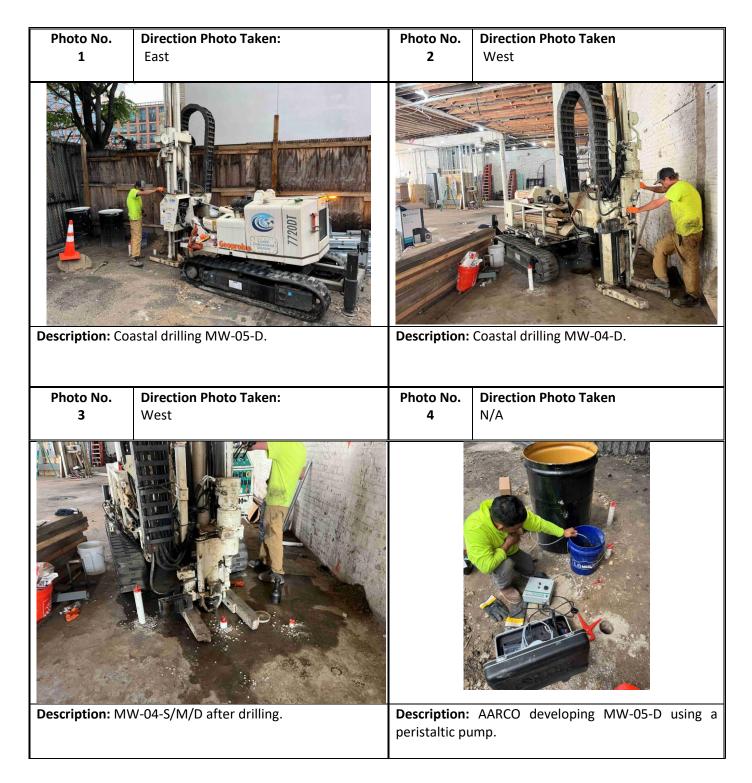




**DATE:** 8/2 FILE NO: 41

8/19/2024 41.0163279.00

### ATTACHMENT B – PHOTO LOG





DATE:8/19/2024FILE NO:41.0163279.00

### ATTACHMENT C – AIR MONITORING

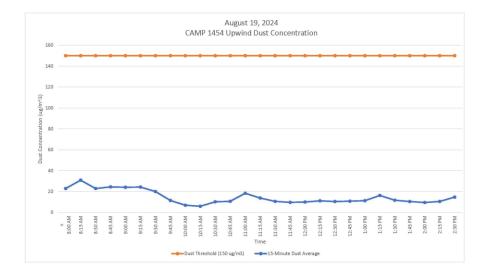
Daily Instrument Calibration Log

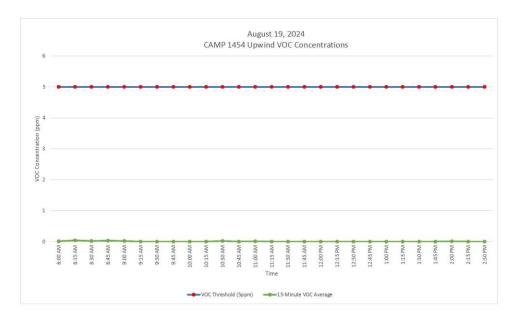
Date: August 19, 2024					Sam	pling Technician:	Jac	kson Bogach		
Proiect #:					Proje	ect Name: 29 Cla	y Str	reet		
Instrument										
Station 1	<u>AirLo</u>	<u>aics Station</u>	1 <u>454</u>							
Station 2	AirLo	gics Station	1468	3			_			_
Hand Held	SideF		SN:	592-602 853214			_			
		tandardizati	on:					air Needed:		
	Zero	YES YES	X	NO NO		1		<b>- 100 ppm</b> YES YES	NO NO	
Hand Held	$\boxtimes$	YES		NO		Hand Held	X	YES	D NO	
10000000000000000000000000000000000000	Zero	YES YES		NO NO						
Hand Held	X	YES		NO		Hand Held		YES	D NO	
Post-Shift PIDs: 1 2 Data Ram	Instru 区 区		X X	Avg Avg		Summary Summary	Res	ults/Comment	:s: 	
Data Ram 1 2		Data Data								
	Weather Station:									
Backgro PID 1: PID 2:	Background Readings: PID 1: Data Ram 1:22.93									

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



DATE:8/19/2024FILE NO:41.0163279.00

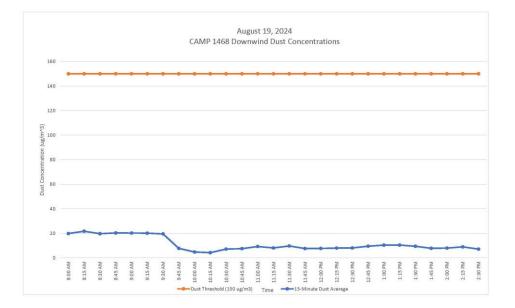


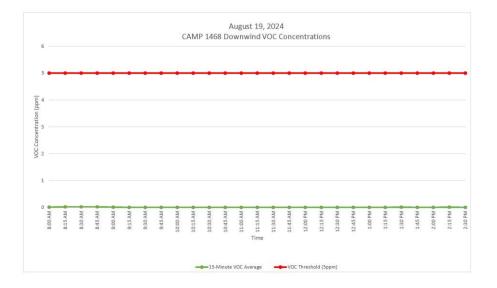




DATE: FILE NO:

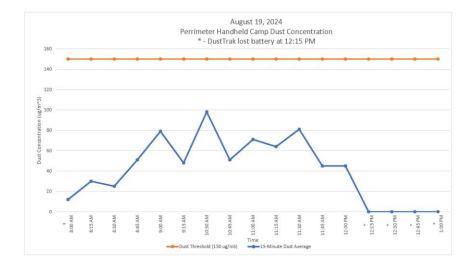
8/19/2024 41.0163279.00

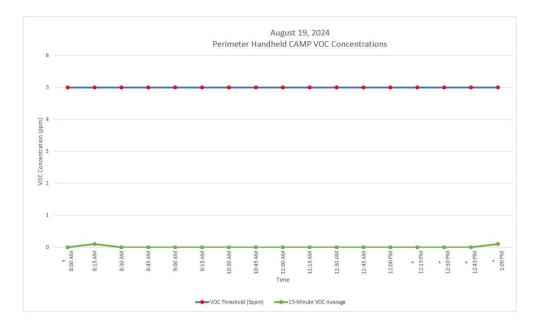






DATE:8/19/2024FILE NO:41.0163279.00





GZN	GZA DAIL DATE: FILE NO:	<b>Y FIELD SUMN</b> 8/20/2024 41.0163305.00	1ARY 006	
PROJECT: CLIENT:	29 Clay Street Clay Properties		LOCATION: WEATHER:	Brooklyn, New York Cloudy
PREPARED BY:	, Mark Frey (GZ	•	AVE. TEMPERATURE	, 67.39 °F
<b>REVIEWED BY:</b>	Mark Hutson (	GZA)	AVE. DEW POINT MAX WIND SPEED	50.43 °F 21 mph from NW
ATTACHMENTS	B – Photo Log		PRECIPITATION	0.03 inches
	C – Daily Calibi	ration and Air Monitori	ng 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:	, Inc. – Nick Turro/Patrick Nelson						
	Aarco Environmental Solutions, Inc. – Jose Garci						
SITE VISITORS:							



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
- Eijkelkamp 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/m<sup>3</sup> High Conditions – PID: 0.11 ppm, Particulates: 17.99 ug/m<sup>3</sup>

 $\mu$ g/mg<sup>3</sup> = micrograms per cubic meter ppm – parts per million

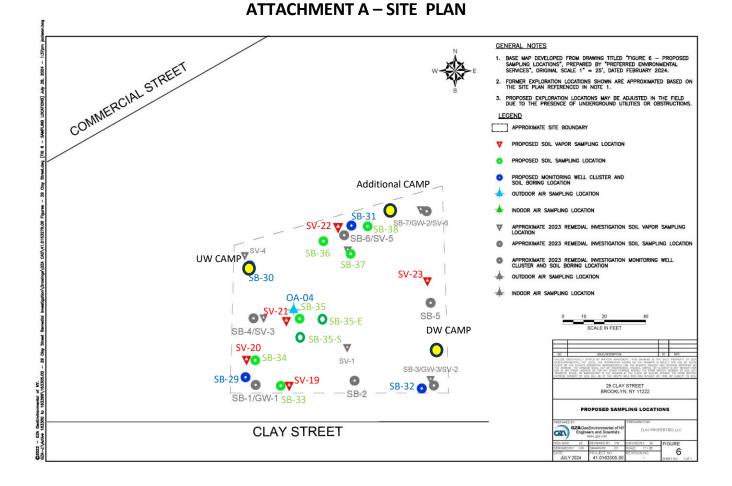
Daily instrumentation calibration log is included in **Attachment C**. There were no particulate or VOC exceedances noted during this monitoring period. Results are provided in **Attachment C**.



DATE:

8/20/2024 FILE NO:

41.0163305.00

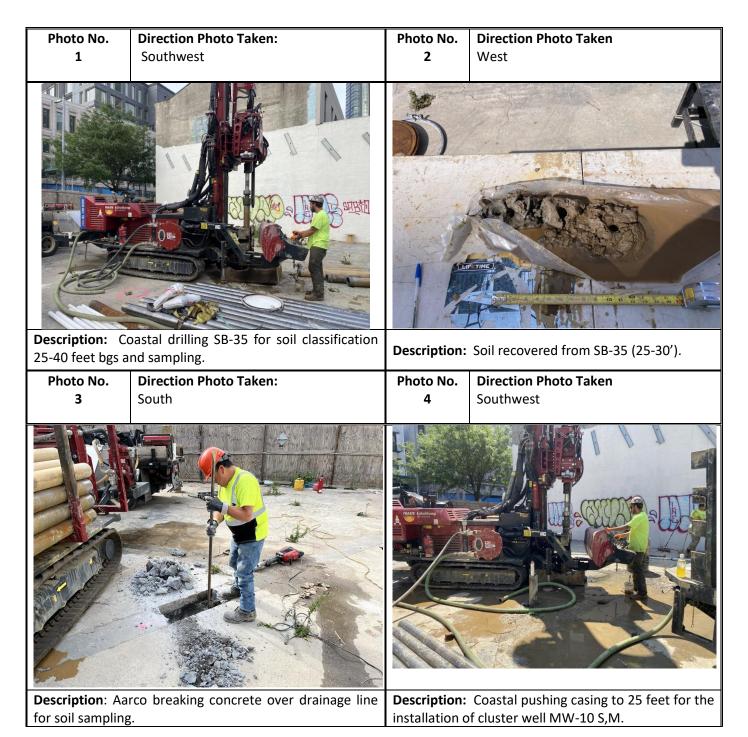




DATE: FILE NO:

8/20/2024 41.0163305.00

### **ATTACHMENT B – PHOTO LOG**





8/20/2024 41.0163305.00

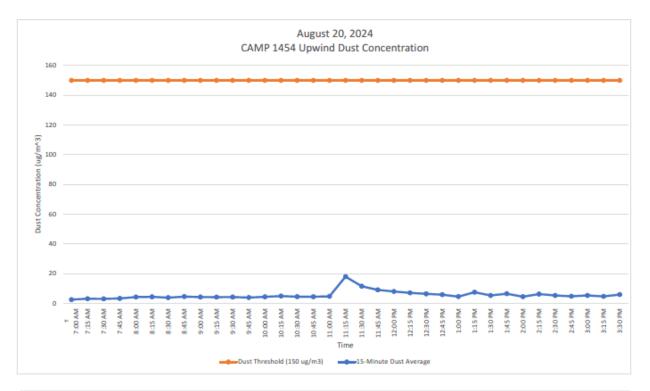
# ATTACHMENT C – AIR MONITORING

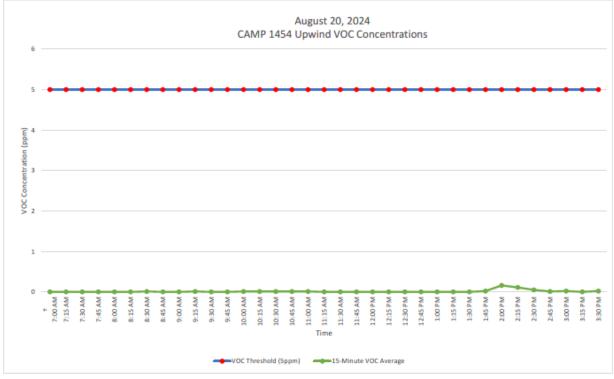
**Daily Instrument Calibration Log** 

Date: Au	Date: August 20, 2024					Sam	Sampling Technician: Mark Frey				
Proiect #	<b>#</b> :	41.01	63305.00			Proje	ect Name: 29 Cla	y Sti	reet		
Instrume			-								
Station	1	AirLog	ics Station	1 <u>454</u>							
Station	2	AirLo	gics Station	1468	}			_			
								_			
Hand Held		PID M SideP	odel 580		592-60 853214						
	hra		andardizati		000214	101		Dee	air Needed:		
PIDs:		Zero	anuaruzau	011.					s - 100 ppm		
			YES YES	X	NO NO				YES YES	⊠ NO ⊠ NO	
Hand He	d		YES		NO		Hand Held	X	YES	□ NO	
Data Rams:		Zero	YES YES		NO NO						
Hand He	d	X	YES		NO		Hand Held		YES		
Post-Shi	ft [	Downlo	ad:								
PIDs:		Instru		_		_	_	Res	ults/Commer	nts:	
	1		Data	X	Avg		Summary				-
	2	X	Data	X	Avg		Summary				-
Data Ra	ms	:									
	1	X	Data								
	2	X	Data								
		Menth	er Station:				VEC				
		weatr	ier Station:				YES				
					am 1: <u>5.33</u> am 2: <u>2.55</u>						



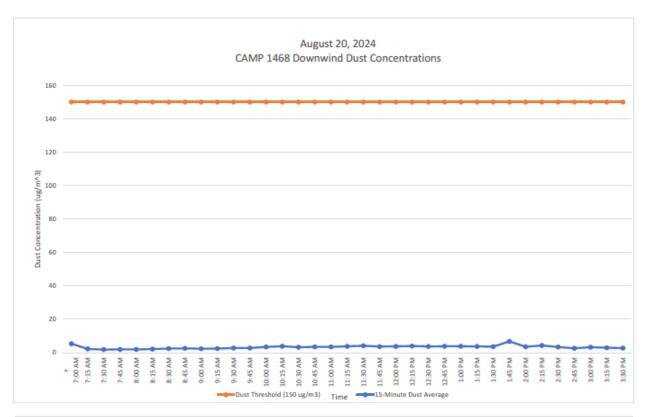
DATE: FILE NO: 8/20/2024 41.0163305.00

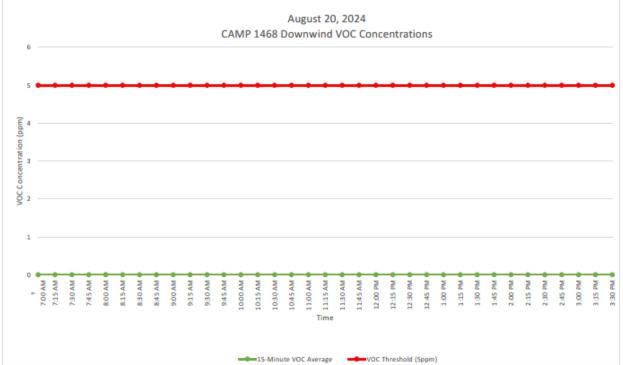






DATE: FILE NO: 8/20/2024 41.0163305.00







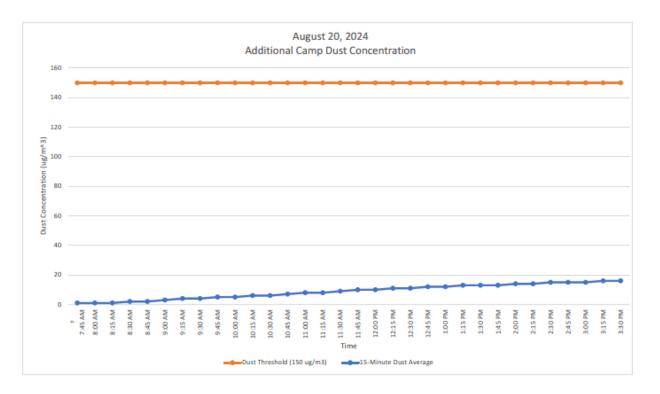
DATE:8/20/2024FILE NO:41.0163305.00

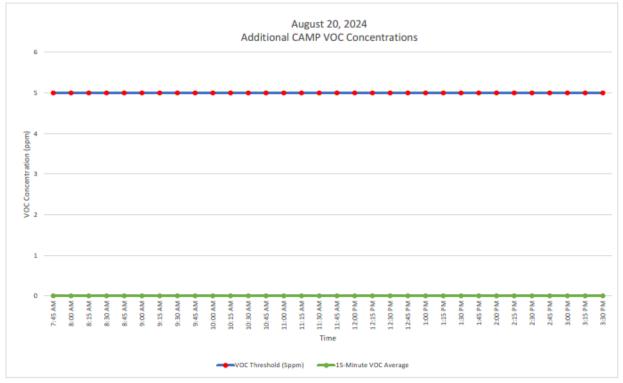
# Additional CAMP Daily Instrument Calibration Log

Date: August 20, 2024						Sampling Technician: Mark Frey					
Project #				)		Proj	ect Name: 29 Cla	ay Str	eet		
Instrume							_				
Station	1	Pine E	Invironm	ental C	AMP -	<u>8</u> 01076	5				
Station	2					_					
						_					
Hand											
Held						_					
Pre-Calil	bra	tion/St	andardiz	zation:				Rep	air Needed:		
PIDs:		Zero		_					- 100 ppm		
			YES	X	NO NO				YES		
	2		YES		NO		2		YES		
Hand He	ld		YES		NO		Hand Held		YES	□ NO	
Data		Zero									
Rams:		_	YES		NO						
	2		YES		NO						
Hand He			YES		NO		Hand Held		YES		
Post-Shi PIDs:		Downlo						Dee	ults/Comme	anto.	
PIDS:	1		Data		Avg		Summary	Res	uits/Comme	ans.	
	2		Data	X	Avg		Summary				—
							-				_
Data Ra	_										
	1		Data								
	2		Data								—
											_
		Month	er Stati	0.0.1			YES				
		weath	er statt	UII.			TEO				
Backo	ro	und R	eadings	:							
PID 1:							Ram 1: 1.00				
PID 2:						Data F	Ram 2:				



DATE: FILE NO: 8/20/2024 41.0163305.00





GZN	GZA DAII DATE: FILE NO:	LY FIELD SUMMA 8/20/2024 41.0163279.00	RY 011		
	19-27 Clay ar	nd 60-62 Commercial Street			
PROJECT:	RI – C224390		LOCATION:	Brooklyn, New York	
CLIENT:	Clay Properti	es, LLC	WEATHER:	Cloudy	
PREPARED BY:	Jackson Boga	ch (GZA)	AVE. TEMPERATURE	67.39°F	
<b>REVIEWED BY:</b>	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	5			
	C – Daily Cali	bration and Air Monitoring Lo	ogs		

#### **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:	G	ZA						
	Jackson Bogach	Mark Frey						
CONTRACTORS:								
SUBCONTRACTORS:	AARCO – J	ose Garcia Sr.						
SITE VISITORS:								



8/20/2024 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.

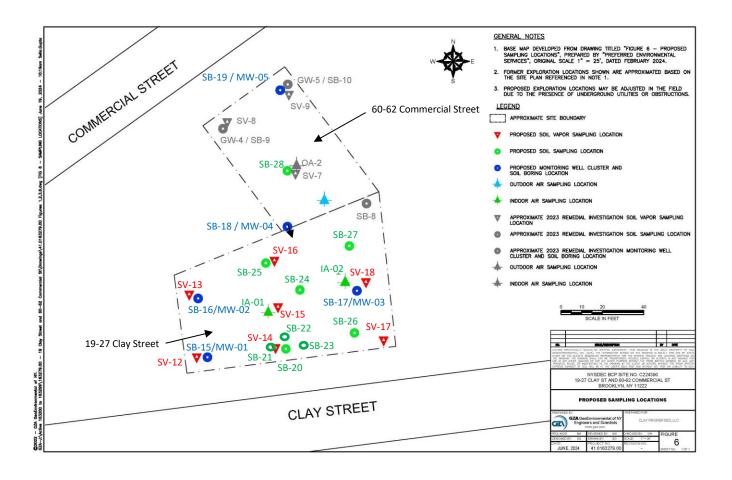
Daily instrumentation calibration log is included in Attachment C.



8/20/2024 FILE NO: 41.0163279.00

DATE:

# ATTACHMENT A - SITE PLAN





DATE:8/20/2024FILE NO:41.0163279.00

# ATTACHMENT B – PHOTO LOG

Photo No. 1	<b>Direction Photo Taken:</b> N/A	Photo No. 2	Direction Photo Taken N/A
Description: GZ prior to soil vap	A performing helium leak detector test or sampling.		GZA collecting PID readings from soil 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.



DATE:8/20/2024FILE NO:41.0163279.00

# ATTACHMENT C – AIR MONITORING

Daily Instrument Calibration Log

Date: August 20, 2024						Sampling Technician: Jackson Bogach				
Proiect #:					Proje	ect Name: 29 Cla	y Str	eet		
Instrumen	ts Usec	1:								
Station 1	-		-							
Station 2			<u>.</u>							
Station 2										
	2		1 <u>.</u>							
Hand	PID N	1odel 580	SN:	592-602	2785					
Held			_				_			
		tandardizatio	on:					air Needed:		
PIDs:	Zero		_					- 100 ppm		
		YES YES		NO NO				YES		
2		YES		NO		2	ш	YES		
Hand Held		YES		NO		Hand Held	IXI	YES	D NO	
fund hore		TLO	<u> </u>	NG		i latia i tera	LC3	TES		
Data	Zero									
		YES		NO						
2	$2\square$	YES		NO						
Linual Linia	-	VEC	_	NO		Llond Llold	-	VEC		
Hand Held Post-Shift		YES		NO		Hand Held	Ц	YES	NO NO	
PIDs:	Instru	alasansi,					Res	ults/Comment	ю.	
1		Data		Avg		Summary	1.00			
2	2	Data		Avg		Summary				
				1072 107						
Data Ram		-								
		Data								
4		Data							3	
	Weath	her Station:				YES				
					-					
Backgr	ound R	leadings:								
PID 1:		50	-	D	)ata R	am 1:				
PID 2:			-	D	)ata R	am 2:				

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

GZN	<b>GZA DAI</b> DATE: FILE NO:	LY FIELD SUMN 8/21/2024 41.0163305.00	1ARY 007	
PROJECT: CLIENT: PREPARED BY: REVIEWED BY:	29 Clay Stree Clay Properti Mark Frey (G Mark Hutson	iZA)	LOCATION: WEATHER: AVE. TEMPERATURE AVE. DEW POINT MAX WIND SPEED	Brooklyn, New York Sunny 66.95 °F 47.53 °F 16 mph from NW
ATTACHMENTS	B – Photo Lo	g bration and Air Monitori	PRECIPITATION	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, August 21, 2024							
	PERSO	PERSONNEL						
QEP:	GZ	Ά						
	Mark Frey	Jackson Bogach						
CONTRACTORS:								
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Nick Turro/Paul Nelson							
SITE VISITORS:								



8/21/2024 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
- Eijkelkamp 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

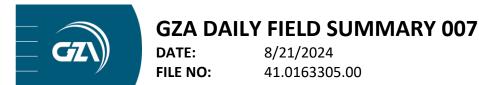
## VOC DELINEATION SAMPLES COLLECTED (SINCE LAST REPORT)

- 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

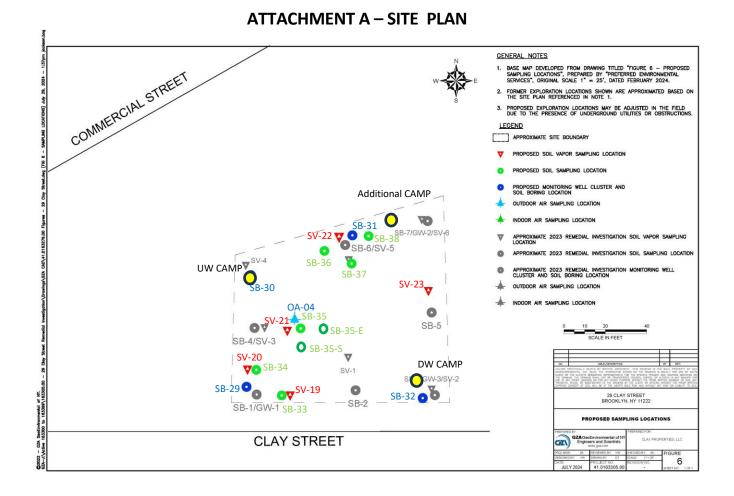
## **AIR MONITORING RESULTS:**

Background Prestart Conditions – PID: 0.0 ppm, Particulates: 15.47 ug/m<sup>3</sup> High Conditions – PID: 0.38 ppm, Particulates: 21.86 ug/m<sup>3</sup>

µg/mg<sup>3</sup> = 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**.





DATE: FILE NO:

8/21/2024 41.0163305.00

# ATTACHMENT B – PHOTO LOG





DATE:

**GZA DAILY FIELD SUMMARY 007** 

8/21/2024 FILE NO: 41.0163305.00

# **ATTACHMENT C – AIR MONITORING**

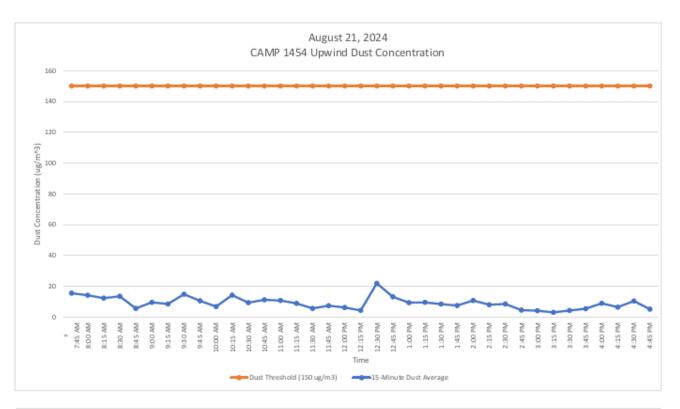
Daily Instrument Calibration Log

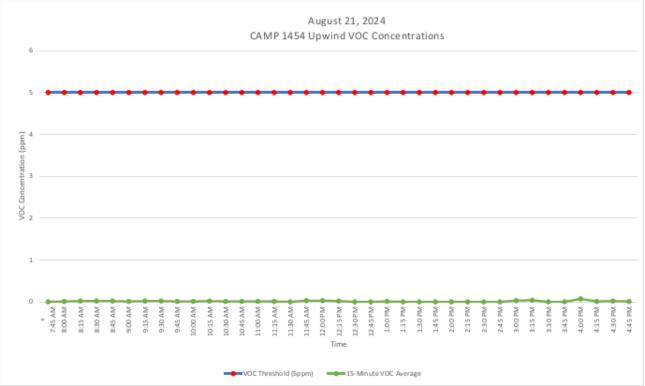
Date: August 21, 2024						Sampling Technician: Mark Frey				
Proiect #:	41.010	63305.00			Proje	ect Name: 29 Cla	iy Sti	reet		
Instrument										
Station 1	AirLog	ics Station	1 <u>454</u>							
Station 2	AirLog	gics Station	1468							
Hand Held	<u>PID M</u> SideP	odel 580		<u>592-60</u> 2 8532147						
		andardizati	_	000214	07		Den	air Needed:		
PIDs:	Zero							s - 100 ppm		
1		YES YES		NO NO				YES	⊠ NO ⊠ NO	
Hand Held		YES		NO		Hand Held				
	Zero	YES YES		NO NO						
Hand Held		YES		NO		Hand Held		YES	□ NO	
Post-Shift PIDs: 1 2	Instrur X		X	Avg Avg		Summary Summary	Res	sults/Commen	its:	_
Data Ram	_	Data								
1		Data Data								_
	Weath	er Station:				YES				
Backgro PID 1: PID 2:		eadings:	-			am 1: <u>15.47</u> am 2: <u>7.74</u>				



FILE NO:

DATE:

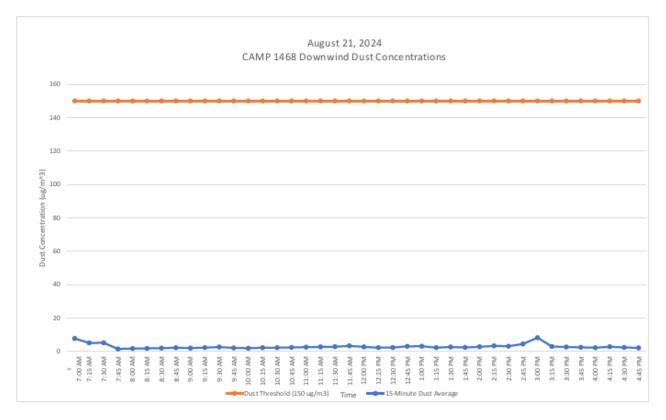


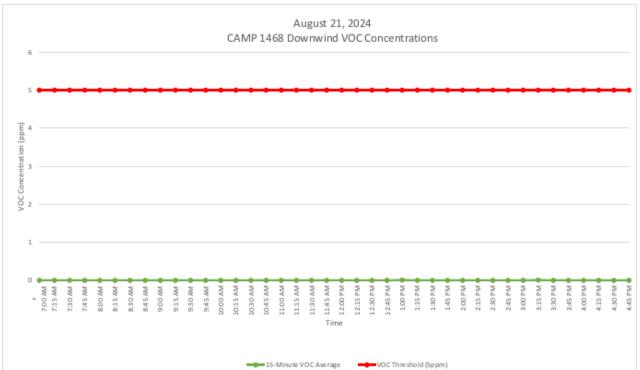


8/21/2024 41.0163305.00



DATE: FILE NO: 8/21/2024 41.0163305.00







DATE:8/21/2024FILE NO:41.0163305.00

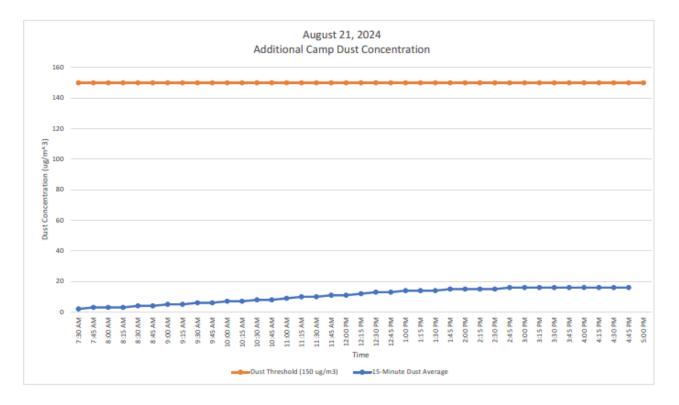
# Additional CAMP Daily Instrument Calibration Log

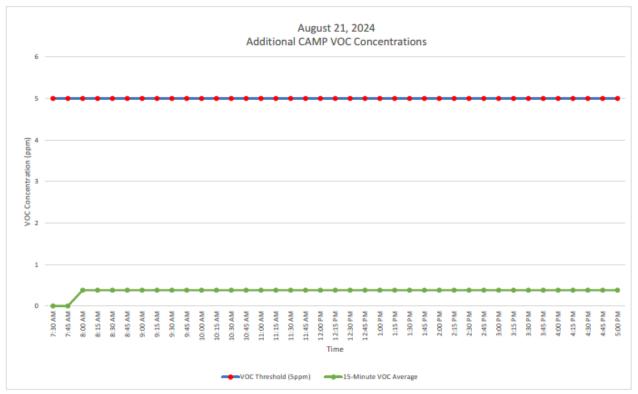
Date: August 21, 2024						Sampling Technician: Mark Frey				
Project #:					Proje	ect Name: 29 Cla	y Str	eet		
Instrumen										
Station 1	Pine E	Environme	ntal C/	AMP - 8	<u>301076</u>					
Station 2			_		_					
					_					
Hand					_					
Held					_					
Pre-Calibra		tandardiza	tion:					air Needed:		
PIDs:	Zero						Gas	- 100 ppm		
		YES	Щ	NO				YES		
2		YES		NO		2	Ц	YES		
Hand Held		YES		NO		Hand Held		YES	□ NO	
Data Rams: 1	Zero	YES		NO						
		YES		NO						
Hand Held		YES		NO		Hand Held		YES	D NO	
Post-Shift							-			
PIDs: 1	Instru	ment: Data		A			Res	ults/Commen	its:	
	_	Data	X	Avg Avg	H	Summary Summary				-
2		Data		Avg		Summary				-
Data Ram	s:									
1	X	Data								
2		Data								
	Weath	ner Statior	<b>1</b> :			YES				
	ound R	eadings:				2am 1: <u>2.00</u> 2:				



DATE: FILE NO: 8/21/2024

41.0163305.00





GZN	<b>GZA DAI</b> DATE: FILE NO:	<b>LY FIELD SUMMA</b> 8/21/2024 41.0163279.00	RY 012			
PROJECT:	19-27 Clay a	nd 60-62 Commercial Street	LOCATION:	Brooklyn, New York		
PROJECT.	RI – C22439	0	LOCATION.	DIOORIYII, NEW TOIR		
CLIENT:	Clay Propert	ies, LLC	WEATHER:	Sunny		
PREPARED BY:	Jackson Bog	ach (GZA)	AVE. TEMPERATURE	65.95°F		
<b>REVIEWED BY:</b>	Mark Hutso	n (GZA)	AVE. DEW POINT	47.53°F		
			MAX WIND SPEED	16 mph from NW		
ATTACHMENTS	: A – Site Plan	1	PRECIPITATION	0.00 inches		
	B – Photo Lo	og				
		ibration and Air Monitoring Lo	ogs			

#### **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:	G	ZA							
	Jackson Bogach	Mark Frey							
CONTRACTORS:									
SUBCONTRACTORS:	Coastal Environmental Solutions, Inc. – Paul Nelson								
SITE VISITORS:									



8/21/2024 41.0163279.00

# WORK PERFORMED AND DOCUMENTED

DATE:

FILE NO:

## Wednesday – 8/21/2024

# Work Location (Attachment A):

- 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<sup>™</sup> 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/m<sup>3</sup> High Conditions – PID: 0.2 ppm, Particulates: 65.00 ug/m<sup>3</sup>

 $\mu g/mg^3$  = 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**.

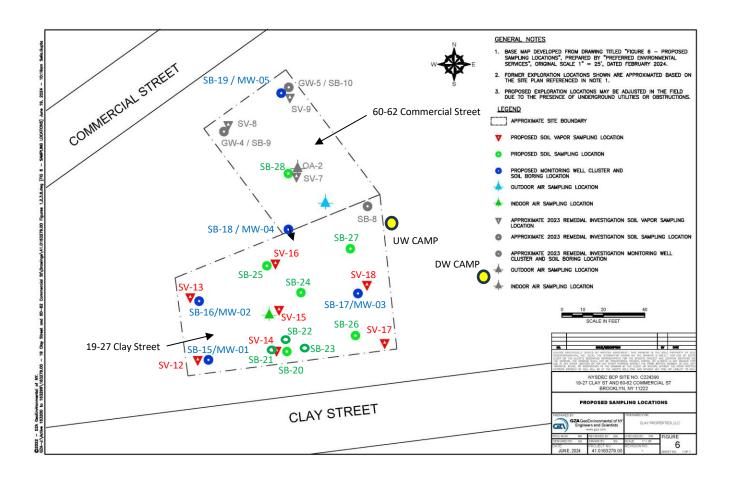
GZA collected perimeter air monitoring readings during all activities with a handheld PID and dust monitor. Results are shown in **Attachment C**.



DATE:

8/21/2024 FILE NO: 41.0163279.00

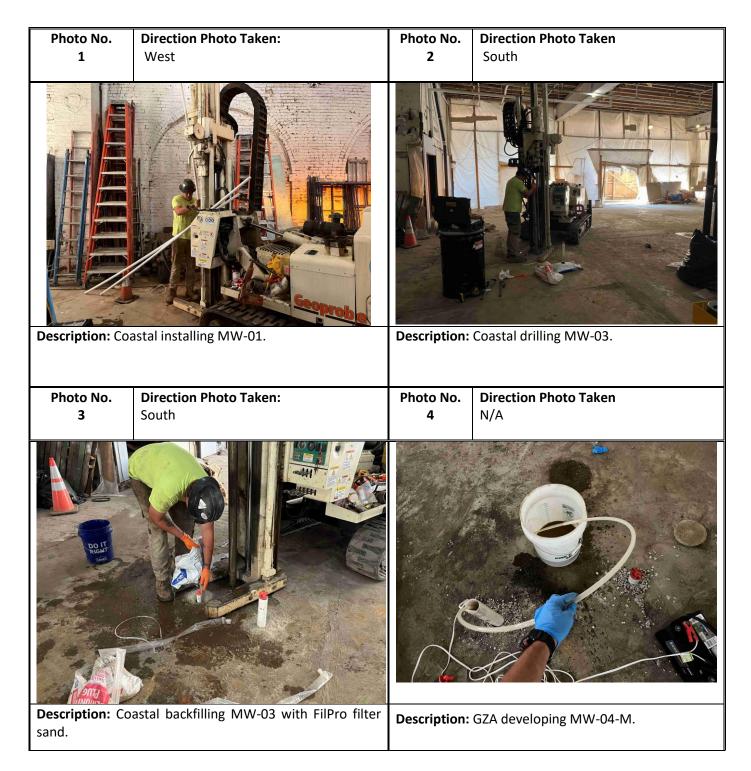
ATTACHMENT A - SITE PLAN





**DATE:** 8/21/2024 **FILE NO:** 41.0163279.00

# ATTACHMENT B – PHOTO LOG





DATE:8/21/2024FILE NO:41.0163279.00

# ATTACHMENT C – AIR MONITORING

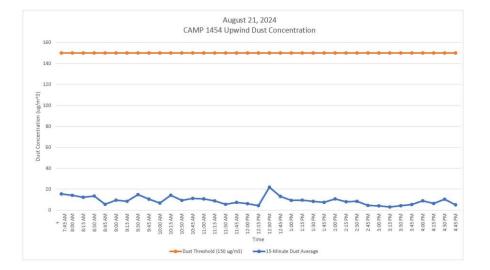
**Daily Instrument Calibration Log** 

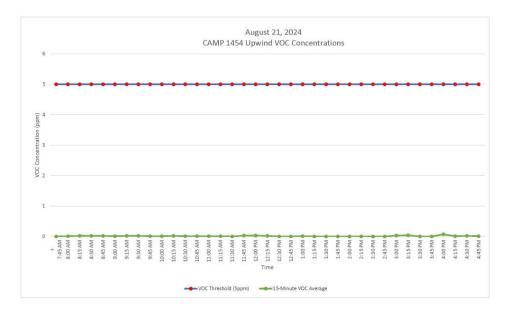
Date: August 21, 2024						Sampling Technician: Jackson Bogach							
Proiect #						Proje	ect Name: 💈	29 Cla	y Str	eet			
Instrume													
Station 1		AirLoc	ics Station	1 <u>454</u>									
Station 2	, -	AirLog	gics Station	1468	3				·				
	8 A		·							_			
Hand	Į			CNI	502 602	170E							
Held		SideP	odel <u>580</u> ak		592-602 8532147								
	orat	tion/St	andardizati						Rep	air Needed:			
PIDs:		Zero							Gas	- 100 ppm			
			YES		NO					YES			
	2		YES	X.	NO			2		YES	X NO		
Hand He	ld	$\square$	YES		NO		Hand	d Held	X	YES	D NO		
Data Rams:	- 8	Zero	YES	X	NO								
10.1210230240000000000000000000000000000000	222.0	H	YES	X	NO								
	- 100 			_	2000ees				_				
Hand He	_		YES		NO		Hand	Held		YES	D NO		_
Post-Shif PIDs:		Jownic Instrur							Res	ults/Commer	nts		
	1		Data	X	Avg		Summary		nee.	ultaroonninoi	113.		
	2	X	Data	X	Avg		Summary					-	
												-	
Data Rar	ns												
	пэ 1		Data										
	2	X	Data					•				• _	
	ę	Weath	er Station:				YES						
<u> </u>	_	Weath	er otation.				110						
Backg	roi	und R	eadings:										
PID 1:													
PID 2:	PID 2: <u>0.0</u> Data Ram 2: <u>7.74</u>												

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



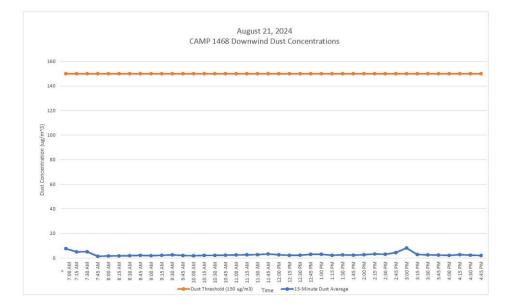
DATE:8/21/2024FILE NO:41.0163279.00

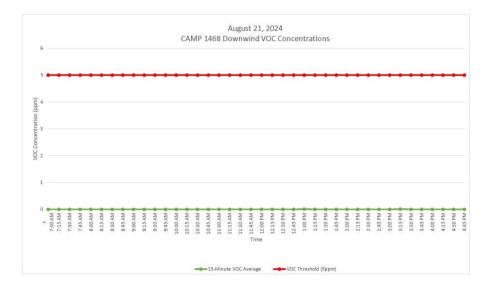






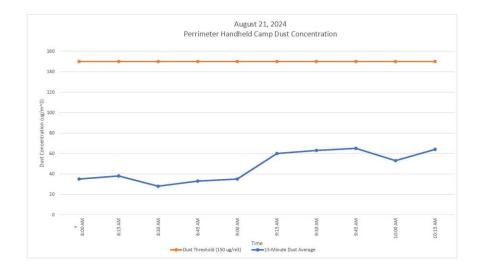
DATE: FILE NO: 8/21/2024 41.0163279.00

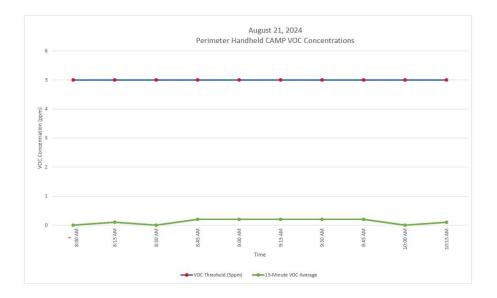






DATE:8/21/2024FILE NO:41.0163279.00





GZN	GZA DA DATE: FILE NO:	ILY FIELD SUMN 8/22/2024 41.0163305.00	1ARY 008			
<b>PROJECT</b> :	29 Clay Stro	et RI – C224408	LOCATION:	Brooklyn, New York		
CLIENT:	Clay Proper		WEATHER:	Cloudy		
•====	• •			,		
PREPARED BY:	Jackson Bog		AVE. TEMPERATURE	67.63°F		
<b>REVIEWED BY:</b>	Mark Hutso	n (GZA)	AVE. DEW POINT	48.94°F		
			MAX WIND SPEED	15 mph from NW		
ATTACHMENTS	: A – Site Plar	ı	PRECIPITATION	0.00 inches		
	B – Photo Lo	og				
		libration and Air Monitori	ng 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, Aug	Thursday, August 22, 2024									
	PERSONNEL										
QEP:	GZ	Α									
	Jackson Bogach	Yunmee Han									
CONTRACTORS:											
SUBCONTRACTORS:	Coastal Environmental Solution	<b>s, Inc. –</b> Nick Turro/Paul Nelson									
SITE VISITORS:											



8/22/2024 41.0163305.00

# WORK PERFORMED AND DOCUMENTED

## Thursday – 8/22/2024

# Work Location (Attachment A):

- 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.
- 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
- Eijkelkamp 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/m<sup>3</sup> High Conditions – PID: 0.04 ppm, Particulates: 27.00 ug/m<sup>3</sup>

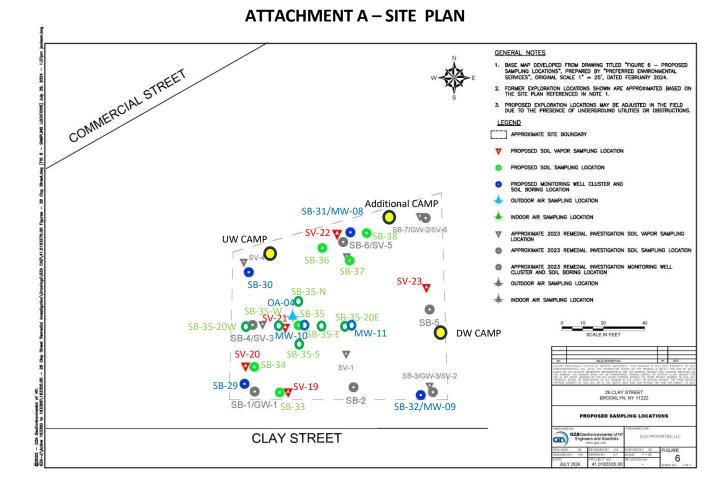
µg/mg<sup>3</sup> = micrograms per cubic meter ppm – parts per million

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:

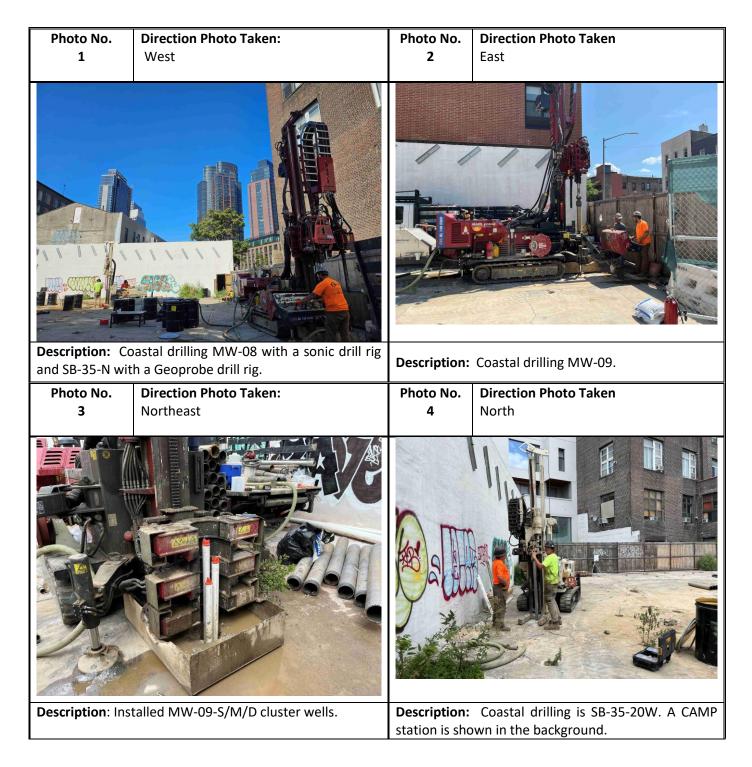
41.0163305.00





**DATE:** 8/22/2024 **FILE NO:** 41.0163305.00

# **ATTACHMENT B – PHOTO LOG**





DATE:8/22/2024FILE NO:41.0163305.00

# ATTACHMENT C – AIR MONITORING

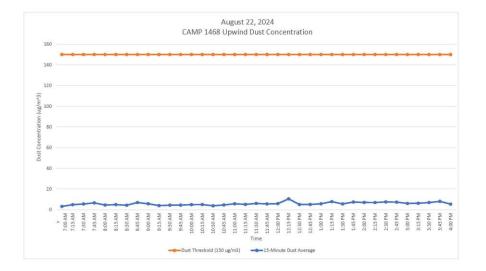
**Daily Instrument Calibration Log** 

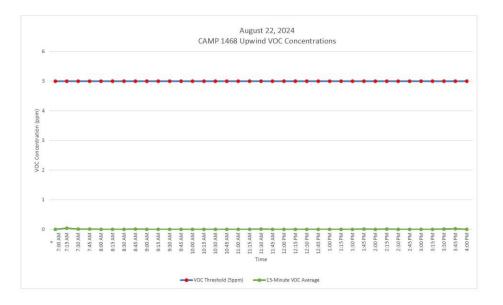
Date: August 22, 2024 Sampling Technician: Jackson Bogach										
Proiect #:					Proje	ect Name: 29 Cla	y Sti	reet		
Instruments Used:										
Station 1	AirLo	aics Station	1454				_			
Station 2	AirLo	gics Station	1468	3			_			
			_				_			
Hand Held	PID N SideF	lodel 580 Pak		592-602 853214			-			
	-	tandardizati		000214	101		Ren	air Needed:		
PIDs: 1	Zero	YES YES		NO NO			Gas	YES YES	NO NO	
Hand Held		YES		NO		Hand Held	$\square$	YES	D NO	
	Zero	YES YES	X	NO NO						
Hand Held		YES		NO		Hand Held		YES	D NO	
Post-Shift PIDs: 1 2	Instru 区		X X	Avg Avg		Summary Summary	Res	sults/Commen	ts:	11
Data Ram 1 2	X	Data Data								=
	Weat	ner Station:				YES				
Backgro PID 1: PID 2:										

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



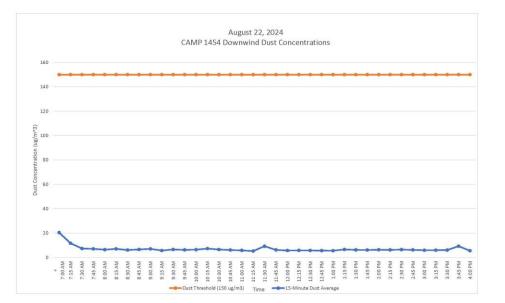
DATE:8/22/2024FILE NO:41.0163305.00

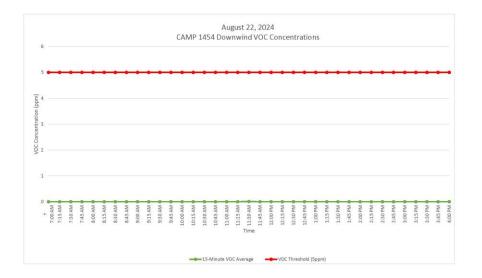






DATE:8/22/2024FILE NO:41.0163305.00







**DATE:** 8 **FILE NO:** 4

8/22/2024 41.0163305.00

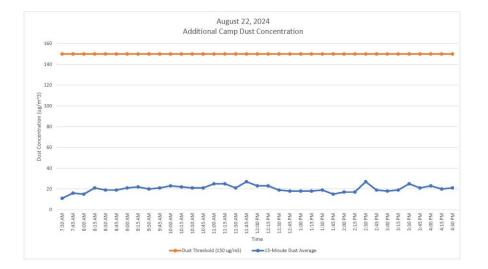
#### Additional CAMP Daily Instrument Calibration Log

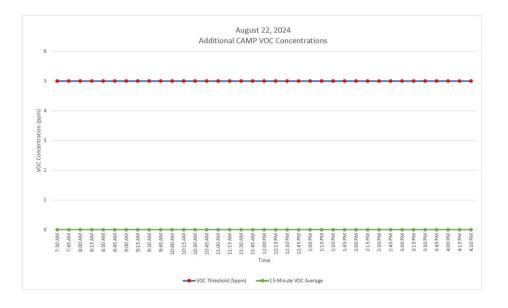
Date: August 22, 2024					Sampling Technician: Jackson Bogach						
						Project Name: 29 Clay Street					
Instrument Station 1		l: <u>Environmen</u> t	ta <u>l C/</u>	<u> AMP - 8(</u>	01076		_				
Station 2											
Hand											
Hand			3 <b></b>								
	ation/S	tandardizati	on:				Rep	air Needed:			
	Zero	YES YES	$\square$	NO NO			Gas 区	<b>- 100 ppm</b> YES YES			
Hand Held		YES		NO		Hand Held		YES	D NO		
	Zero	YES YES		NO NO							
Hand Held		YES		NO		Hand Held		YES	D NO		
Post-Shift PIDs: 1 2	Instru 区			Avg Avg		Summary Summary	Res	ults/Commen	ts:	_	
Data Ram 1 2	X	Data Data								_	
	Weat	ner Station:				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".



DATE:8/22/2024FILE NO:41.0163305.00





GZN	<b>GZA DAIL</b> DATE: FILE NO:	Y FIELD SUMMA 8/22/2024 41.0163279.00	RY 013	
<b>PROJECT</b> :	19-27 Clay and RI – C224390	d 60-62 Commercial Street	LOCATION:	Brooklyn, New York
CLIENT:	Clay Propertie	s, LLC	WEATHER:	Partly Cloudy
PREPARED BY:	Yunmee Han (	GZA)	AVE. TEMPERATURE	67.63°F
<b>REVIEWED BY:</b>	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			

#### **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:	GZ	Ά					
	Jackson Bogach	Yunmee Han					
CONTRACTORS:							
SUBCONTRACTORS:	N/	Ά					
SITE VISITORS:	N/	Ά					



8/22/2024 41.0163279.00

### WORK PERFORMED AND DOCUMENTED

#### Thursday – 8/22/2024

#### Work Location (Attachment A):

 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:**

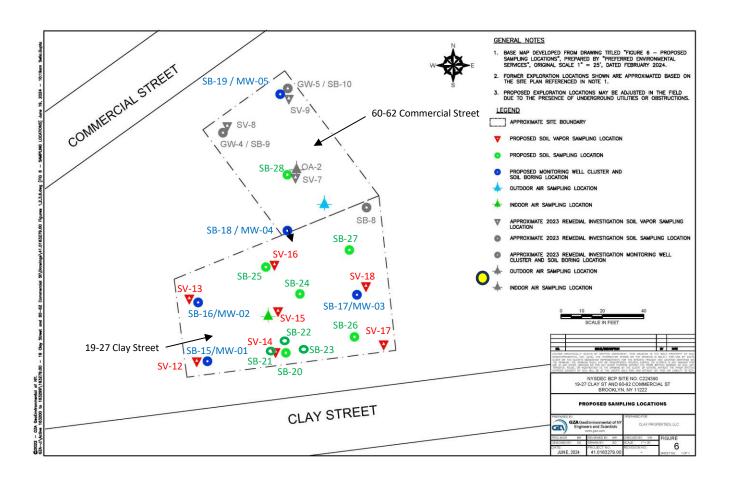
No intrusive work occurred during this monitoring period. Air monitoring was not performed.



8/22/2024 FILE NO: 41.0163279.00

DATE:

ATTACHMENT A - SITE PLAN





DATE:8/22/2024FILE NO:41.0163279.00

# ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: North	Photo No. 2	<b>Direction Photo Taken</b> South
Description: SV- location.	•         •	Description: sampling.	Initial mercury volume of SV-17 prior to
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	South	4	N/A
Description: Fin	al canister mercury volume of SV-17	Description	Final canister mercury volume of
Description: Fin	ai canister mercury volume of SV-17	<b>Description:</b> 8.22.2024-S\	

GZN	GZA DA DATE: FILE NO:	8/23/2024 41.0163305.00	IARY 009	
PROJECT: CLIENT: PREPARED BY:	29 Clay Stre Clay Propert Jackson Bog		LOCATION: WEATHER: AVE. TEMPERATURE	Brooklyn, New Yor Clear/Sunny 74.00°F
REVIEWED BY:	Mark Hutso		AVE. DEW POINT MAX WIND SPEED	51.46°F 10 mph from NW
ATTACHMENTS:	A – Site Plar B – Photo Lo C – Daily Cal	-	<b>PRECIPITATION</b>	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.

York

#### PERSONNEL SUMMARY

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



8/23/2024 41.0163305.00

## WORK PERFORMED AND DOCUMENTED

DATE:

FILE NO:

## 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
- Eijkelkamp 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/m<sup>3</sup> High Conditions – PID: 0.03 ppm, Particulates: 48.00 ug/m<sup>3</sup>

µg/mg<sup>3</sup> = 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**.



8/23/2024 FILE NO: 41.0163305.00

DATE:

GENERAL NOTES COMMERCIAL STREET BASE MAP DEVELOPED FROM DRAWING TITLED "FIGURE 6 - PROPC SAMPLING LOCATIONS", PREPARED BY "PREFERRED ENVIRONMENTAL SERVICES", ORIGINAL SCALE 1" = 25", DATED FEBRUARY 2024. FORMER EXPLORATION LOCATIONS SHOWN ARE APPROXIMATED BASED ON THE SITE PLAN REFERENCED IN NOTE 1. 3. PROPOSED EXPLORATION LOCATIONS MAY BE ADJUSTED IN THE FIELD DUE TO THE PRESENCE OF UNDERGROUND UTILITIES OR OBSTRUCTIONS LEGEND APPROXIMATE SITE BOUNDARY PROPOSED SOIL VAPOR SAMPLING LOCATION PROPOSED SOIL SAMPLING LOCATION PROPOSED MONITORING WELL CLUSTER AND SOIL BORING LOCATION OUTDOOR AIR SAMPLING LOCATION SB-31/MW-08 -GV Additional CAMP SV-22 SB-6/SV-5 INDOOR AIR SAMPLING LOCATION APPROXIMATE 2023 REMEDIAL INVESTIGATION SOIL VAPOR SAMPLING LOCATION V APPROXIMATE 2023 REMEDIAL INVESTIGATION SOIL SAMPLING LOCATION 0 SB-30/MW-07 SB-36 🐞 APPROXIMATE 2023 REMEDIAL INVESTIGATION MONITORING WELL CLUSTER AND SOIL BORING LOCATION SB-37 SV-23 SB-35-N OA-04 SB-35-20W OF V C SB-35-20E SB-35-20W OF V C SB-35-20E SB-4/SV-3 MW-10SB-35-E MW-11 SV-20 SB-35-S V SB-34 SV-1 SV-20 SB-34 SV-1 SB-5 CALE IN FEET SB-29/MW-06 SV-19 UW CAMP SB-3/GW-3/SV-2 00 ž 29 CLAY STREET BROOKLYN, NY 11222 SB-1/GW-1 SB-33 — SB-2 — GeoEnvironmentol o SB-32/MW-09 PROPOSED SAMPLING LOCATIONS CLAY STREET GZN) Environmental of f ers and Scientists TIES ITC 02022 - GZA 6

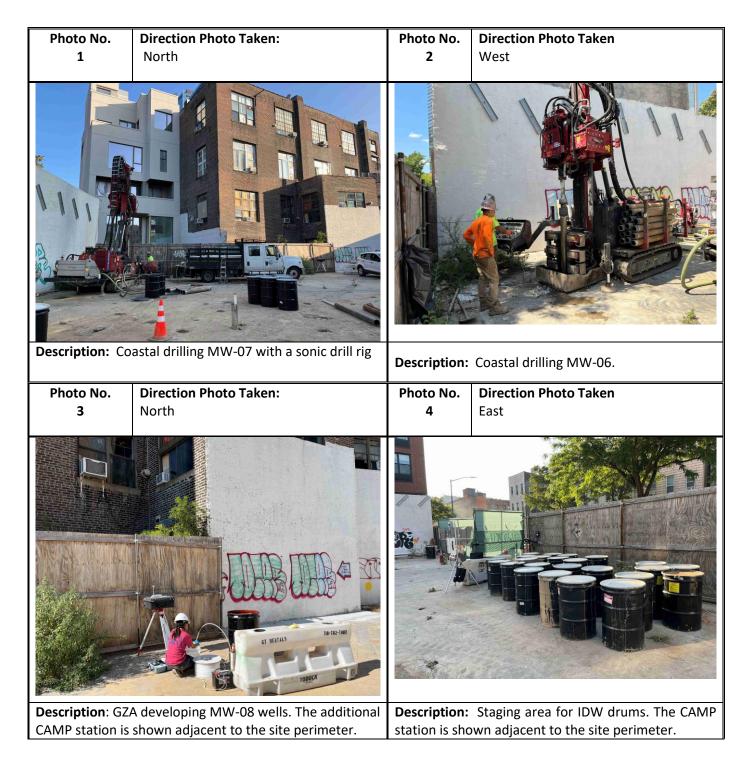
ATTACHMENT A – SITE PLAN



DATE: FILE NO:

8/23/2024 41.0163305.00

# **ATTACHMENT B – PHOTO LOG**





DATE:8/23/2024FILE NO:41.0163305.00

# ATTACHMENT C – AIR MONITORING

**Daily Instrument Calibration Log** 

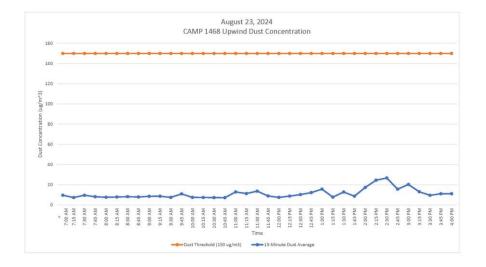
Date: Aug	Date: August 23, 2024					pling Technician:	Jac	kson Bogach		
Proiect #:					Proje	ect Name: 29 Cla	y Str	eet		
Instrument										
Station 1	AirLog	aics Station	1 <u>454</u>	·			_			
Station 2	AirLo	gics Station	1468	3						
			_				_			
							-			
Hand		lodel 580	SN	592-602	785		<u> </u>			
Held	SideP			853214						
De 2019 - Personal Contractor	ation/S	tandardizati	on:				Rep	air Needed:		
PIDs:	Zero		_					- 100 ppm	-	
7263	H	YES		NO		1		YES	NO NO	
2		TES	لكما	NO		2		YES		
Hand Held		YES		NO		Hand Held	$\square$	YES	D NO	
Data	Zero									
		YES		NO						
2		YES	X	NO						
Hand Held		YES		NO		Hand Held		YES	D NO	
Post-Shift							-			
PIDs: 1	Instru	ment: Data	X	Avg		Summary	Res	ults/Commen	ts:	
2		Data		Avg	H	Summary				-
					_	· · · · · · · · · · · · · · · · · · ·				-
Data Ram	200 August 1	Data								
1		Data								-
-		Dutu				2				-
					_					
	Weath	ner Station:				YES				
Backar		eadings:								
PID 1:	0.0	caaniys.		D	ata R	am 1: 10.5				
PID 2:	0.0		_	D	ata R	am 2: 9.57				

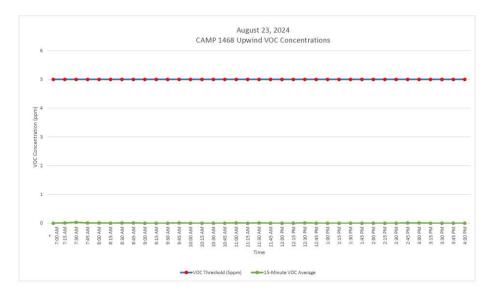
Note: "NA" indicates when an item or section is "Not Applicable".



**DATE:** 8, **FILE NO:** 4

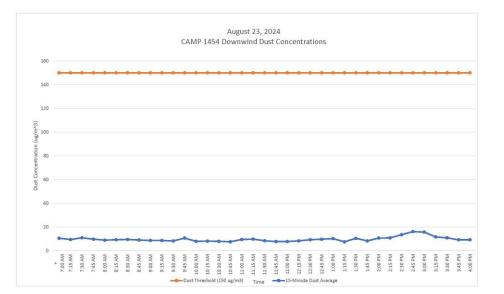
8/23/2024 41.0163305.00

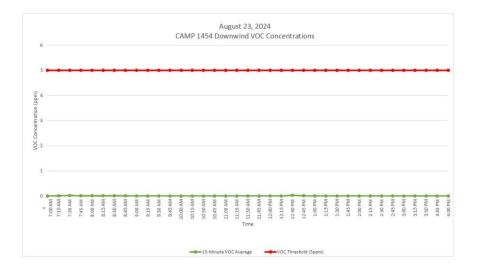






DATE:8/23/2024FILE NO:41.0163305.00







DATE: FILE NO:

8/23/2024 41.0163305.00

#### Additional CAMP Daily Instrument Calibration Log

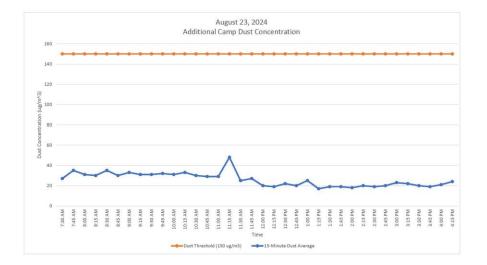
Date: August 23, 2024					pling Technician:					
Proiect #:					Proje	ect Name: 29 Cla	ay Str	reet		
Instrumen			10		1070					
Station 1	Pine I	<u>Environmen</u> t	a <u>i C/</u>	<u> 1019 - 8</u> 0	1076					
Station 2	2									
			_							
							-			
Hand							2			
Held		-	8							
Pre-Calibr	ation/S	tandardizatio	on:				Rep	air Needed:		
PIDs:	Zero		_					s - 100 ppm		
		YES YES	X	NO NO				YES		
<u> </u>		TEO		NO		2		YES		
Hand Held		YES		NO		Hand Held		YES	D NO	
Data	Zero									
	X	YES		NO						
2		YES		NO						
Hand Held		YES		NO		Hand Held		YES	D NO	
Post-Shift PIDs:							Ber			
PIDS:	Instru		X	Avg		Summary	Res	ults/Commen	ts.	
2		Data		Avg		Summary	-			
				-		-				
Dete Dem	1210									
Data Ram		Data								
2		Data								
	Month	ner Station:			-	YES				
	weat	iei station:				TEO				
Backgro	ound R	eadings:								
PID 1:	0.0		-8			am 1: <u>27.0</u>				
PID 2:	-		-9	D	ata R	am 2:				

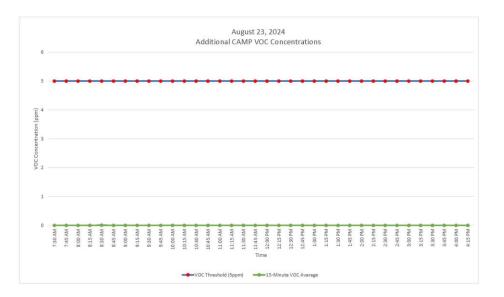
Note: "NA" indicates when an item or section is "Not Applicable".



**DATE:** 8/ **FILE NO:** 41

8/23/2024 41.0163305.00





GZN	<b>GZA DA</b> DATE: FILE NO:	ILY FIELD SUMN 8/26/2024 41.0163305.00	IARY 010	
PROJECT:	20 Clay Stre	et RI – C224408	LOCATION:	Brooklyn, New Yorl
	•			• •
CLIENT:	Clay Proper		WEATHER:	Cloudy/Light Rain
PREPARED BY:	Matt DiLore	enzo (GZA)	AVE. TEMPERATURE	77.41°F
<b>REVIEWED BY:</b>	Mark Hutso	n (GZA)	AVE. DEW POINT	60.59°F
			MAX WIND SPEED	10 mph from SSE
ATTACHMENTS:	A – Site Pla	n	PRECIPITATION	0.02 inches
	B – Photo L	og		
		libration and Air Monitorir	ng Logs	
	C – Dally Ca		ig Lugs	

#### **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.

York

#### PERSONNEL SUMMARY

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



**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

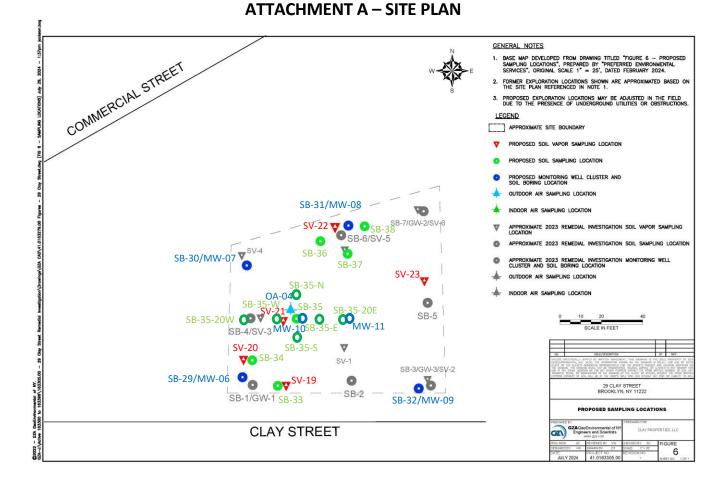
#### AIR MONITORING RESULTS:

• N/A



8/26/2024

41.0163305.00





DATE: FILE NO:

8/26/2024 41.0163305.00

# **ATTACHMENT B – PHOTO LOG**

Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken	
1	Northeast	2	South	
Description: GZ	A developing MW-7 wells.	<b>Description:</b> GZA developing MW-07-D well.		
1				
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken	
Photo No. 3	Direction Photo Taken: North			
3		Photo No. 4	Direction Photo Taken	

GZN	<b>GZA DAIL</b> DATE: FILE NO:	Y FIELD SUMMA 8/26/2024 41.0163279.00	RY 013	
PROJECT:	19-27 Clay and RI – C224390	d 60-62 Commercial Street	LOCATION:	Brooklyn, New York
CLIENT:	Clay Properties	s, LLC	WEATHER:	Partly Cloudy/Overcast
PREPARED BY:	Yunmee Han (	GZA)	AVE. TEMPERATURE	77.25°F
<b>REVIEWED BY:</b>	Mark Hutson (	GZA)	AVE. DEW POINT	60.44°F
			MAX WIND SPEED	7 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 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:	GZ	A				
	Yunmee Han	Matt DiLorenzo				
CONTRACTORS:						
SUBCONTRACTORS:	N/	A				
SITE VISITORS:	N/	A				



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:**

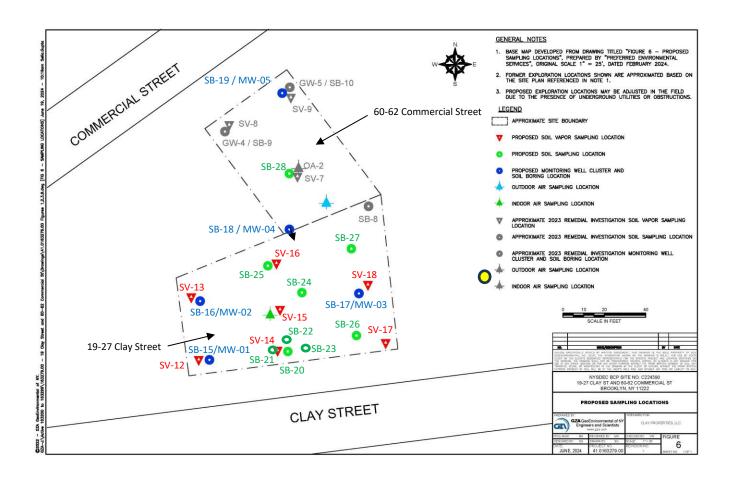
No intrusive work occurred during this monitoring period. Air monitoring was not performed.



DATE:

8/26/2024 FILE NO: 41.0163279.00

ATTACHMENT A - SITE PLAN





DATE:8/26/2024FILE NO:41.0163279.00

# ATTACHMENT B – PHOTO LOG

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

GZN	<b>GZA DAIL</b> DATE: FILE NO:	Y FIELD SUMN 8/27/2024 41.0163305.00	1ARY 010	
PROJECT: CLIENT: PREPARED BY: REVIEWED BY:	29 Clay Street Clay Propertie Yunmee Han Mark Hutson	(GZA)	LOCATION: WEATHER: AVE. TEMPERATURE AVE. DEW POINT MAX WIND SPEED	Brooklyn, New York Partly Cloudy/Sunny 75.69°F 62°F 14 mph from S
ATTACHMENTS:	B – Photo Log	g pration and Air Monitori	<b>PRECIPITATION</b> ng Logs	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, Aug	ust 27, 2024
	PERSONNEL	
QEP:	GZA	
	Yunmee Han	
CONTRACTORS:		
SUBCONTRACTORS:		
SITE VISITORS:		



8/27/2024 FILE NO: 41.0163305.00

## WORK PERFORMED AND DOCUMENTED

DATE:

#### 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:**

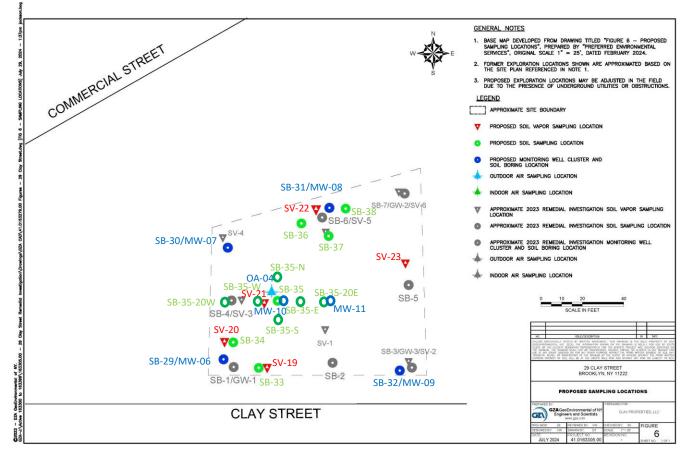
• N/A



DATE:

8/27/2024 FILE NO: 41.0163305.00

**ATTACHMENT A – SITE PLAN** 





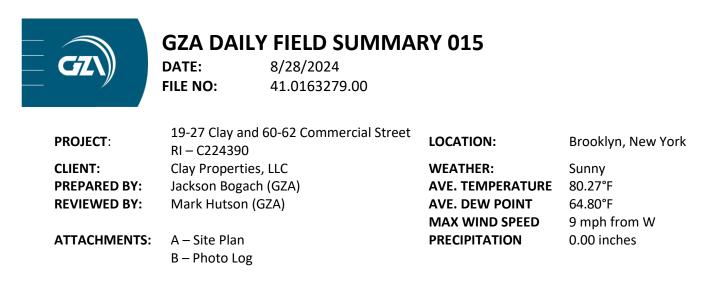
 DATE:
 8/2

 FILE NO:
 41.

8/27/2024 41.0163305.00

# ATTACHMENT B – PHOTO LOG

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken Southwest
Description: G2	A 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
Destinition Water purged from MW 11 M		Percentage: Decentage of the whole pump	
<b>Description</b> : Water purged from MW-11-M			Decontamination of the whale pump ox and DI water, and then purging it pump into a 55-gallon drum.



#### **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, Au	ugust 28, 2024
	PERSONNEL	
QEP:	GZA	
	Jackson Bogach	
CONTRACTORS:		
SUBCONTRACTORS:	N/	A
SITE VISITORS:	N/A	A



8/28/2024 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:**

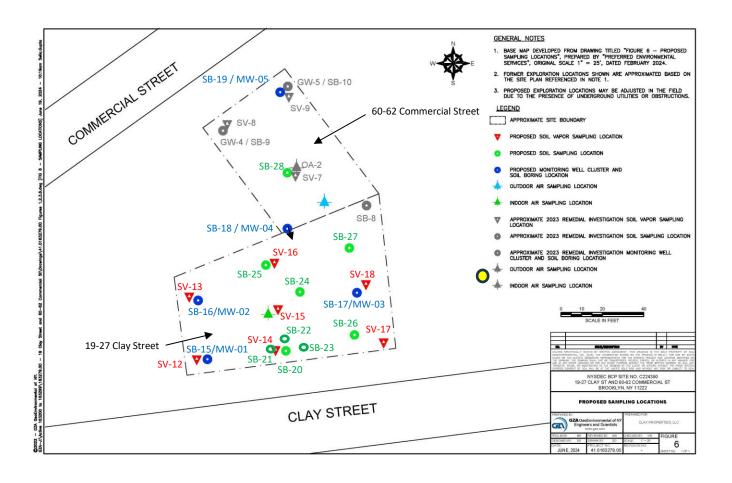
No intrusive work occurred during this monitoring period. Air monitoring was not performed.



DATE:

8/28/2024 FILE NO: 41.0163279.00

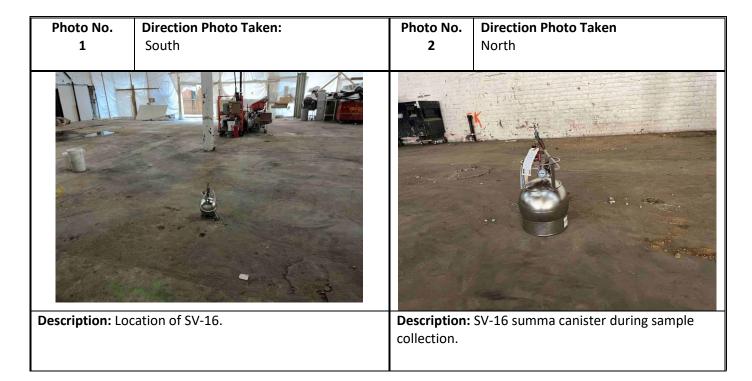
ATTACHMENT A - SITE PLAN





DATE:8/28/2024FILE NO:41.0163279.00

# **ATTACHMENT B – PHOTO LOG**





Known for excellence. Built on trust.

GEOTECHNICAL ENVIRONMENTAL ECOLOGICAL WATER CONSTRUCTION MANAGEMENT

GZA GeoEnvironmental of New York 104 West 29th Street 10th Floor New York, NY 10001 T: 212.594.8140 F: 212.279.8180 www.qza.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 4<sup>th</sup> Street Brooklyn, NY 11249

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

104 West 29<sup>th</sup> Street, 10 Floor | New York, NY, 10001 (212)594 - 8140 32 Offices Nationwide www.gza.com

Copyright© 2024 GZA GeoEnvironmental of New York





September 10, 2024 BCP Monthly Progress Report No. 01 29 Clay Street File No. 41.0163305.00 Page 1

#### 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. <u>Activities Conducted During Reporting Month</u>

#### 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')
- o 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')
  - o 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')
  - o 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')
  - o SB-37 (20')
  - SB-38 (20')



September 10, 2024 BCP Monthly Progress Report No. 01 29 Clay Street File No. 41.0163305.00 Page 3

- o 29 Clay-Trench-1
- Soil Vapor samples collected for VOCs by TO-15 during this monitoring period
  - o SV-19
  - o SV-20
  - o SV-21
  - o 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
  - $\circ$  ~ Daily Field Reports No. 01 to No. 11 ~
- II. Anticipated Activities-Monitoring Period of September 1, 2024, through September 30, 2024
  - $\circ$   $\;$  Collect groundwater samples and submit the samples for laboratory analysis  $\;$
  - $\circ \quad \mbox{Prepare the Remedial Investigation Report}$
  - Prepare Draft Remedial Action Work Plan

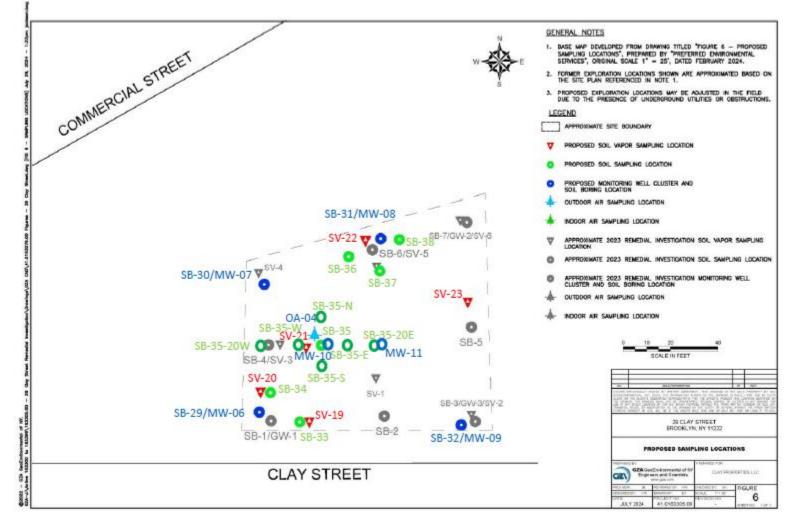


ATTACHMENT A

SITE PLAN



# ATTACHMENT A – SITE PLAN





GZA GeoEnvironmental of New York



Known for excellence. Built on trust.

ECOLOGICAL WATER CONSTRUCTION MANAGEMENT

GZA GeoEnvironmental of New York 104 West 29th Street 10th Floor New York, NY 10001 T: 212.594.8140 F: 212.279.8180 www.qza.com

# 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 4<sup>th</sup> Street Brooklyn, NY 11249

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

104 West 29<sup>th</sup> Street, 10 Floor | New York, NY, 10001 (212)594 - 8140 32 Offices Nationwide www.gza.com

Copyright© 2024 GZA GeoEnvironmental of New York





# 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. <u>Activities Conducted During Reporting Month</u>

### • 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-04D, MW-05S, MW-05M, and MW-05D.
- GZA observed and documented the soil boring drilling and groundwater monitoring well installation.
- o 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.



September 10, 2024 BCP Monthly Progress Report No. 01 19-27 Clay Street and 60-62 Commercial Street File No. 41.0163279.00 Page 2

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')
- o 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

- o SB-16 (20.5')
- SB-16 (45')
- o SB-17 (17')
- SB-18 (36')
- o SB-19 (13')
- SB-19 (36')
- o SB-20 (19.5')
- SB-21 (3')
- SB-22 (3')
- SB-23 (3')
- o 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
  - o SV-12
  - o SV-13
  - o SV-14



September 10, 2024 BCP Monthly Progress Report No. 01 19-27 Clay Street and 60-62 Commercial Street File No. 41.0163279.00 Page 3

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

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

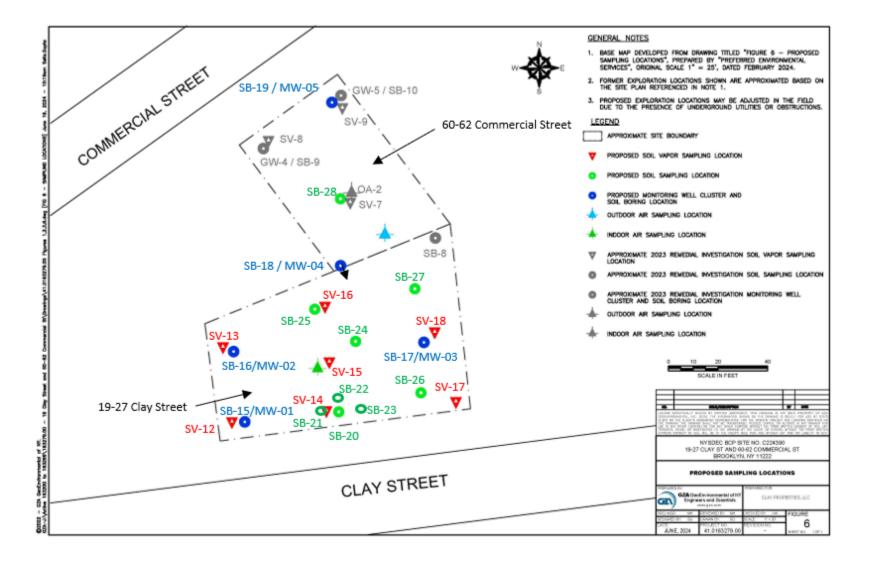
- Collect groundwater samples and submit the samples for laboratory analysis
- Prepare the Remedial Investigation Report
- Prepare the Remedial Action Work Plan



ATTACHMENT A

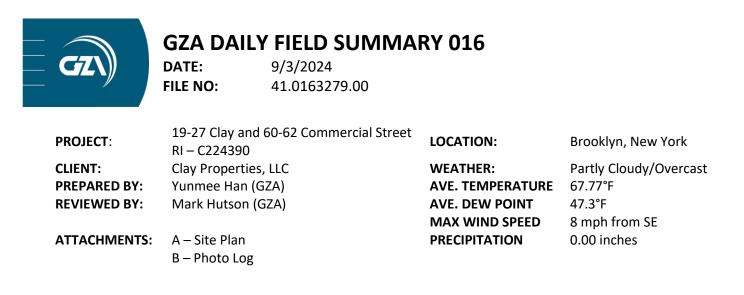
SITE PLAN







GZA GeoEnvironmental of New York



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.

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



9/3/2024 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 perisaltic 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

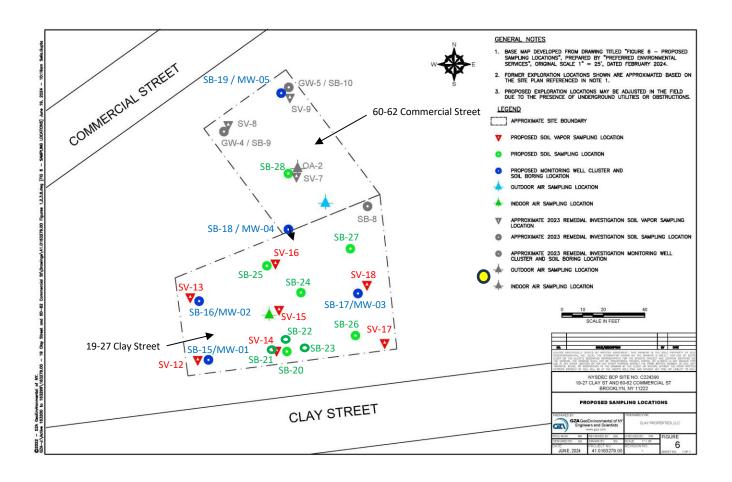
#### **AIR MONITORING RESULTS:**



9/3/2024 FILE NO: 41.0163279.00

DATE:

ATTACHMENT A - SITE PLAN





DATE:9/3/2024FILE NO:41.0163279.00

Photo No. 1	Direction Photo Taken: N/A	Photo No. 2	Direction Photo Taken N/A
prior to samplin	A screening the headspace of MW-01M g. An elevated PID reading was detected, product was observed during purging or	Description: MW-015.	GZA low-flow groundwater sampling at
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	Southwest	4	Southwest
<b>Description:</b> GZ 03M.	A low-flow groundwater sampling at MW-	<b>Description:</b> Blank	GZA field staff collecting PFAS Field

GZN	<b>GZA DAIL</b> DATE: FILE NO:	<b>Y FIELD SUMN</b> 9/4/2024 41.0163305.00	/IARY 012	
PROJECT: CLIENT: PREPARED BY: REVIEWED BY:	29 Clay Street Clay Propertie Yunmee Han ( Mark Hutson	es, LLC (GZA)	LOCATION: WEATHER: AVE. TEMPERATURE AVE. DEW POINT MAX WIND SPEED	Brooklyn, New York Partly Cloudy/Sunny 69.41°F 48°F 9 mph from SE
ATTACHMENTS	B – Photo Log	pration and Air Monitori	<b>PRECIPITATION</b> ng Logs	0.00 inches

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.

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



9/4/2024 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

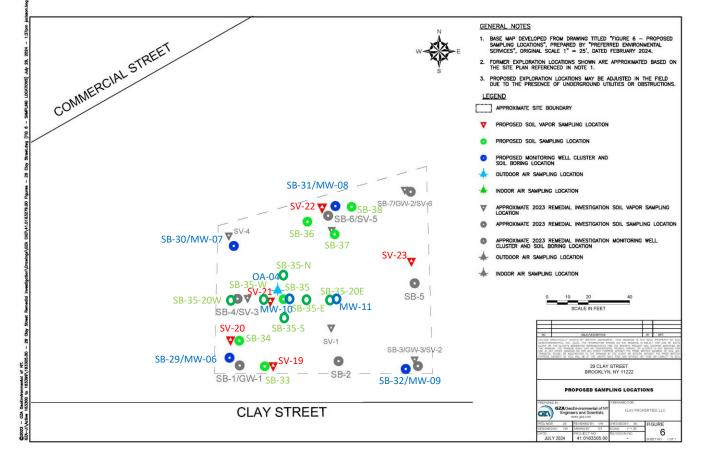
### **AIR MONITORING RESULTS:**



DATE:

9/4/2024 FILE NO: 41.0163305.00







**DATE:** 9/ **FILE NO:** 41

9/4/2024 41.0163305.00

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



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.

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



9/4/2024 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.
- 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

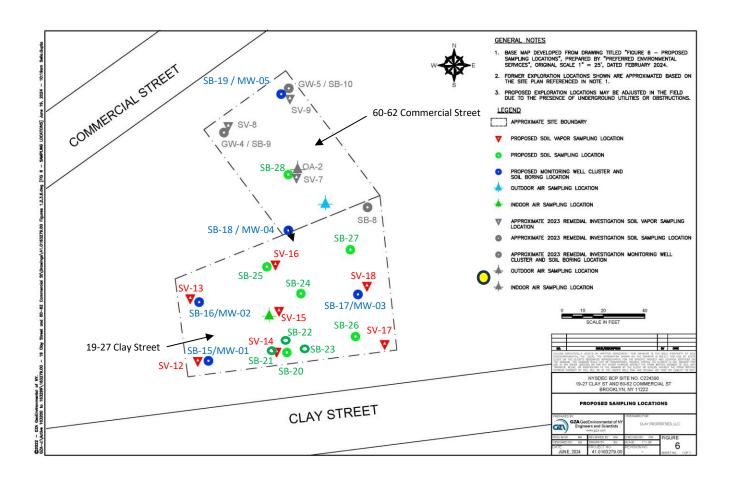
### **AIR MONITORING RESULTS:**



9/4/2024 FILE NO: 41.0163279.00

DATE:

ATTACHMENT A - SITE PLAN





DATE:9/4/2024FILE NO:41.0163279.00

Photo No. 1	Direction Photo Taken: East	Photo No. 2	<b>Direction Photo Taken</b> N/A
Image: A second seco		Pescription: GZA collecting groundwater samples at MW-03S.	
Photo No. 3	<b>Direction Photo Taken:</b> N/A	Photo No. 4	Direction Photo Taken N/A
<b>Description:</b> Che sampling.	eck Valves used for deep well groundwater		GZA screening the well head space prior ter sampling.

GZN	<b>GZA DAII</b> DATE: FILE NO:	LY FIELD SUMN 9/5/2024 41.0163305.00	1ARY 013	
PROJECT: CLIENT: PREPARED BY: REVIEWED BY:	29 Clay Stree Clay Properti Jazlyn Natalie Mark Hutson	e (GZA)	LOCATION: WEATHER: AVE. TEMPERATURE AVE. DEW POINT MAX WIND SPEED	Brooklyn, New York Fair 69.68°F 54.74°F 14 mph from NE
ATTACHMENTS:	B – Photo Log	g bration and Air Monitorir	<b>PRECIPITATION</b>	0.00 inches

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.

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



9/5/2024 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

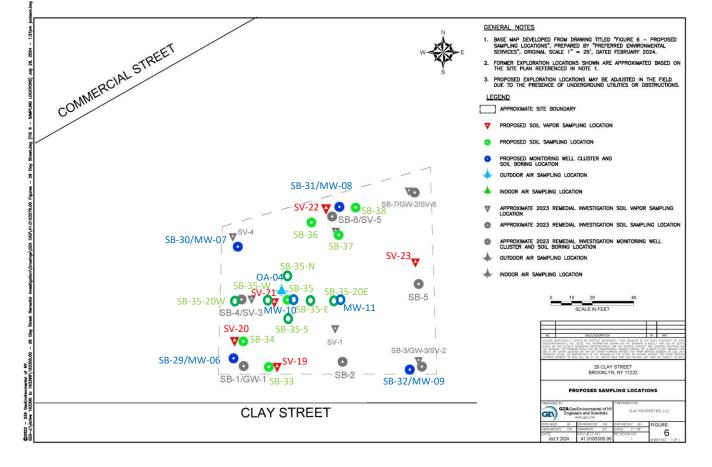
### **AIR MONITORING RESULTS:**



DATE:

9/5/2024 FILE NO: 41.0163305.00

# **ATTACHMENT A – SITE PLAN**

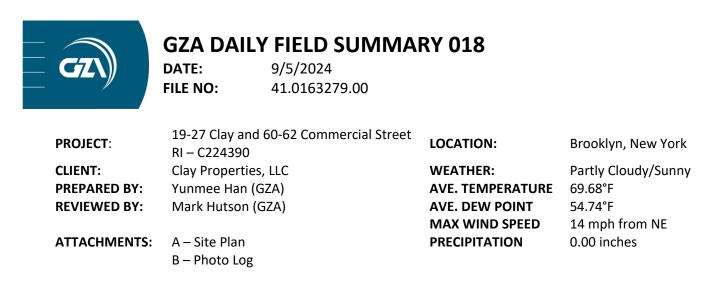




**DATE:** 9 **FILE NO:** 4

9/5/2024 41.0163305.00

Photo No. 1	Direction Photo Taken: North	Photo No. 2	<b>Direction Photo Taken</b> N/A
Description: Lo setup at MW-07	w-flow groundwater purging and sampling to.	Description:	Headspace PID reading at MW-06D.
Photo No.	Direction Photo Taken:		
3	N/A	Photo No. 4	<b>Direction Photo Taken</b> N/A



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.

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



9/5/2024 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

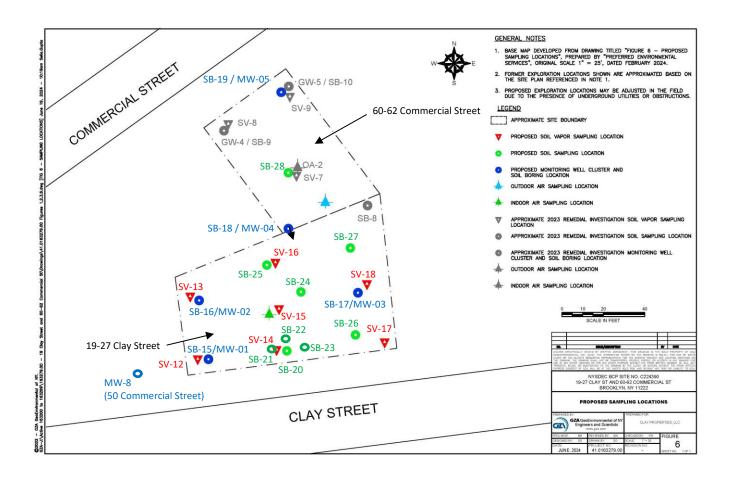
### **AIR MONITORING RESULTS:**



DATE:

9/5/2024 FILE NO: 41.0163279.00

# ATTACHMENT A - SITE PLAN





**DATE:** 9 **FILE NO:** 4

9/5/2024 41.0163279.00

Photo No. 1	Direction Photo Taken: East	Photo No. 2	Direction Photo Taken N/A
I       East         Image: Constraint of the second state o			
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	North	4	N/A
<b>Description:</b> GZ 05M.	A low-flow groundwater sampling at MW-		GZA screening the well head space prior ter sampling.

GZN	GZA DA DATE: FILE NO:	ILY FIELD SUMN 9/6/2024 41.0163305.00	1ARY 014	
<b>PROJECT</b> :	29 Clay Stre	et RI – C224408	LOCATION:	Brooklyn, New Yo
CLIENT:	Clay Propert	ties, LLC	WEATHER:	Mostly Cloudy
PREPARED BY:	Jazlyn Natal	ie (GZA)	AVE. TEMPERATURE	68.91°F
<b>REVIEWED BY:</b>	Mark Hutso	n (GZA)	AVE. DEW POINT	59.82°F
			MAX WIND SPEED	13 mph from NE
ATTACHMENTS	: A – Site Plar	ו	PRECIPITATION	0.00 inches
	B – Photo Lo	og		
	C – Daily Ca	libration and Air Monitori	ng Logs	
	•			

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.

York

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



9/6/2024 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.
- 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

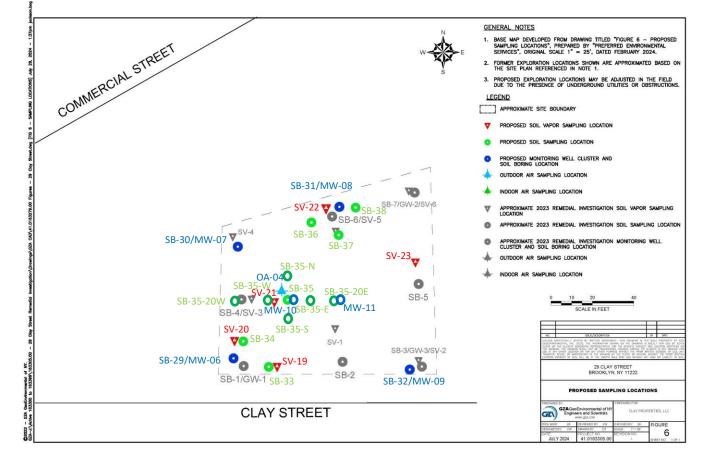
### **AIR MONITORING RESULTS:**



DATE:

9/6/2024 FILE NO: 41.0163305.00

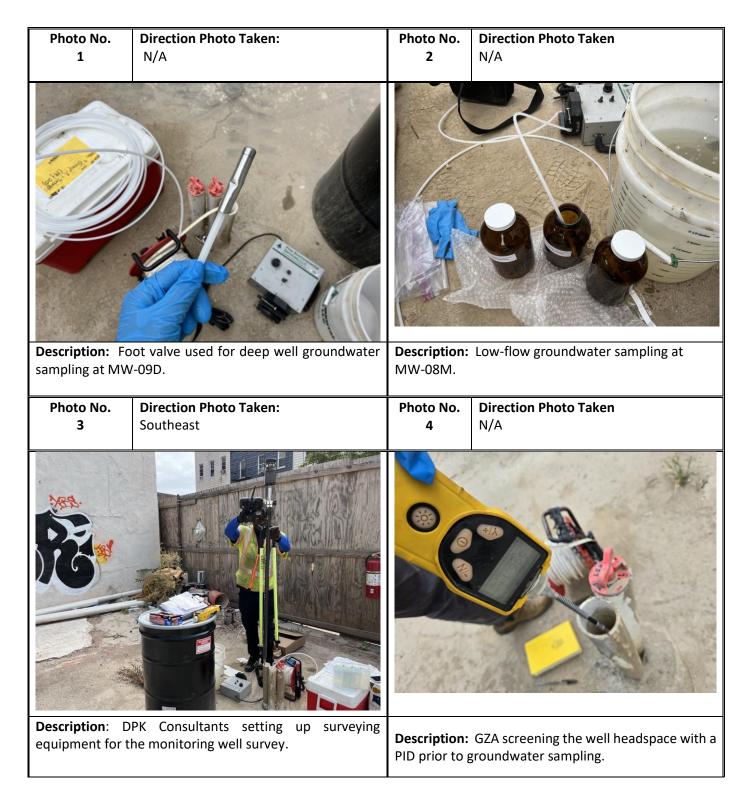
# **ATTACHMENT A – SITE PLAN**

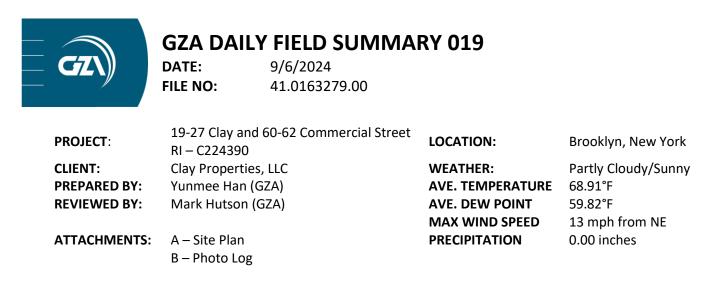




**DATE:** 9/6 **FILE NO:** 41

9/6/2024 41.0163305.00





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.

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



9/6/2024 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

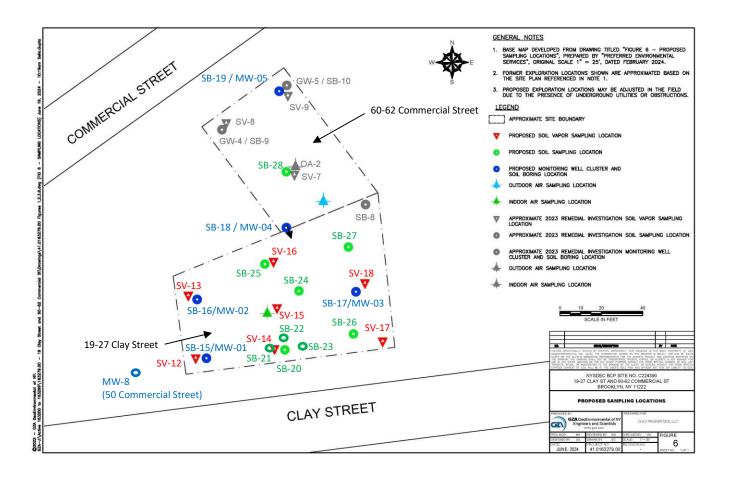
### **AIR MONITORING RESULTS:**



9/6/2024 FILE NO: 41.0163279.00

DATE:

ATTACHMENT A - SITE PLAN





DATE:9/6/2024FILE NO:41.0163279.00

Photo No. 1	Direction Photo Taken: N/A	Photo No. 2	Direction Photo Taken N/A
Description: GZ/ 01D.	A low-flow groundwater sampling at MW-	Description: MW-03D.	GZA low-flow groundwater sampling at
Photo No. 3	Direction Photo Taken: North	Photo No. 4	Direction Photo Taken N/A
<b>Description:</b> D Commercial Stre	OPK Consulting surveying at 60-62 eet		GZA screening the well head space prior ter sampling.

GIN	GZA DAILY DATE: FILE NO:	<b>Y FIELD SUMI</b> 9/9/2024 41.0163305.00	MARY 015	
PROJECT: CLIENT: PREPARED BY: REVIEWED BY:	29 Clay Street I Clay Properties Yunmee Han (C Mark Hutson (C	s, LLC GZA)	LOCATION: WEATHER: AVE. TEMPERATURE AVE. DEW POINT MAX WIND SPEED	Brooklyn, New York Partly Cloudy/Sunny 65.14°F 42.93°F 10 mph from W
ATTACHMENTS:	A – Site Plan B – Photo Log		PRECIPITATION	0.00 inches

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.

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



9/9/2024 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.
- 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

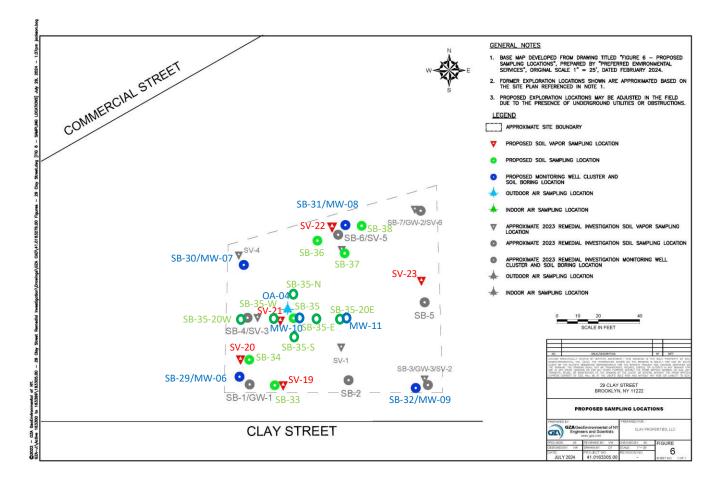
### **AIR MONITORING RESULTS:**



9/9/2024 FILE NO: 41.0163305.00

DATE:

**ATTACHMENT A – SITE PLAN** 





DATE:9/9/2024FILE NO:41.0163305.00

Photo No. 1	Direction Photo Taken: N/A	Photo No. 2	Direction Photo Taken N/A
<b>Description:</b> Fo sampling at MW	ot valve used for deep well groundwater '-11D.	<b>Description:</b> GZA low-flow groundwater sampling at MW-10D.	
Photo No. 3	<b>Direction Photo Taken:</b> N/A	Photo No. 4	Direction Photo Taken Northwest
<b>Description</b> : GZ/ 11D.	<b>Description</b> : GZA low-flow groundwater sampling at MW- 11D.		GZA screening the well headspace with a groundwater sampling.

GZN	<b>GZA DAIL</b> DATE: FILE NO:	<b>Y FIELD SUMN</b> 9/10/2024 41.0163305.00	MARY 016	
PROJECT: CLIENT: PREPARED BY: REVIEWED BY:	29 Clay Street Clay Properties Yunmee Han ( Mark Hutson (	s, LLC GZA)	LOCATION: WEATHER: AVE. TEMPERATURE AVE. DEW POINT MAX WIND SPEED	Brooklyn, New York Partly Cloudy/Sunny 71.79°F 49.21°F 14 mph from NW
ATTACHMENTS:	A – Site Plan B – Photo Log		PRECIPITATION	0.00 inches

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.

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



9/10/2024 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-sit 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

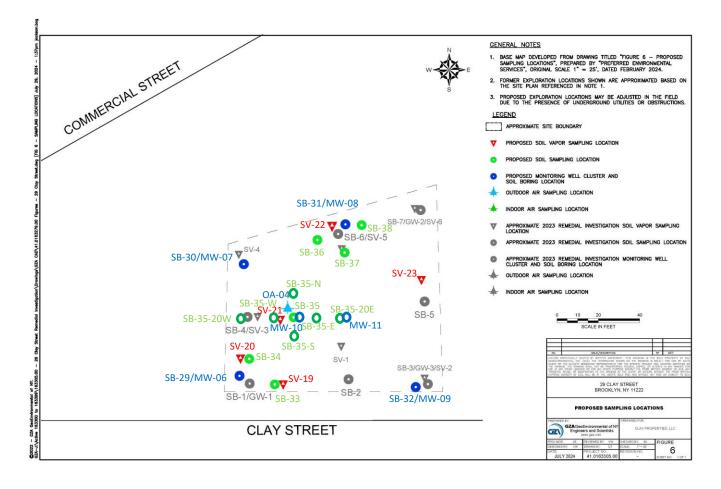
### **AIR MONITORING RESULTS:**



9/10/2024 FILE NO: 41.0163305.00

DATE:

**ATTACHMENT A – SITE PLAN** 





DATE: 9 FILE NO: 4

9/10/2024 41.0163305.00

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: MW-065.	GZA low-flow groundwater sampling at
Photo No.	Direction Photo Taken:	Photo No.	Direction Photo Taken
3	West	4	Northwest
Description: GZ/ 10S.	A low-flow groundwater sampling at MW-	<b>Description</b> : MW-11S.	GZA low-flow groundwater sampling at