

SOIL BORING SB-1

Boring Location South Exterior Parking Lot Client: Mega Development Project Number: 2203948 Project Name: Ten 99 Development Project Logged By: L. Robertson Site Address: 1099 Webster Avenue, Bronx NY Date: 11/29/2022 Contractor: Coastal Environmental Solutions, Inc Drill Type: Geoprobe 6011DT Driller: Marc Morgenstern Elevation (Start): Total Depth (feet): 15 Image: Start St	
Logged By: L. Robertson Site Address: 10199 Webster Avenue, Bronx NY Date: 11/29/2022 Contractor: Coastal Environmental Solutions, Inc Drill Type: Geoprobe 6011DT Driller: Marc Morgenstern Elevation (Start): Drilling Method: Direct Push Elevation (End): Total Depth (feet): 15 (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (b) (a) (a) (a) (a) (a) (b) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a) <th(a)< th=""> (a) (a) <th(a)< td="" th<=""><td></td></th(a)<></th(a)<>	
Date: 11/29/2022 Contractor: Coastal Environmental Solutions, Inc Drill Type: Geoprobe 6011DT Driller: Marc Morgenstern Elevation (Start): Dirich Push Elevation (End): Total Depth (feet): 15 Image: Start of the sta	
Drill Type: Geoprobe 6011DT Driller: Marc Morgenstern Elevation (Start): Drilling Method: Direct Push Elevation (End): Total Depth (feet): 15 (a) (a) (b) (c) (c) (a) (a) (c) (c) (c) (a) (c) (c) (c) (c) (c)	
Elevation (Start): Drilling Method: Direct Push Elevation (End): Total Depth (feet): 15 (i) (i) (i) (i) (i) (i) (i) (i) (i) (i) (i)	
Elevation (End): Total Depth (feet): 15 Image: second sec	
Image: state	
1 SB-1 (0-2) 0"-6" - CONCRETE 2 3 S1 60 30 0"-6" - CONCRETE 3 S1 60 30 0"-11" - SP: FINE TO MEDIUM GRADED SAND Brown fine to medium grained sand (80%) with some fill (20%)	
1 SB-1 (0-2) 0"-6" - CONCRETE 2 3 S1 60 3 S1 60 30	
3 11°-24° - SM: ORGANIC SILI	
4 Black/Gray silt with organics (100%) 5 0.0	
6 7 SB-1 (6-8) 60 48 0"-22" - SP: FINE TO MEDIUM GRADED SAND Brown fine to medium grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular) 8 S2 60 48 Brown/Gray fine to medium grained sand (80%) with some silt (20%)	I
9 10 0.0	
11 SB-1 (10-12) 0"-10" - SW: FINE TO COARSE GRADED SAND 12 0.0 Brown/Gray fine to medium grained sand (80%) with some silt (20%) 12 0.0 0.0 12 0.0 10"-52" - SP: FINE TO MEDIUM GRADED SAND Brown/Gray fine to medium grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular))



SOIL BORING SB-2

Boring Location				South Ex	xterior Pa	rking Lot	Client:	Mega Development	
Project	Numbe	r:		2203948			Project Name:	Ten 99 Development Project	
Logged	d By:			L. Robertson			Site Address:	1099 Webster Avenue, Bronx NY	
Date:				11/29/20)22		Contractor:	Coastal Environmental Solutions, Inc	
Drill Ty	vpe:			Geoprob	e 6011D	Т	Driller:	Marc Morgenstern	
Elevation (Start):							Drilling Method:	Direct Push	
Elevati	Elevation (End):						Total Depth (feet):	15	
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks			Sample Description	
1 2		SB-2 (0-2)					ILL/CRUSHED CONCRETE		
— <u>3</u> — 4	S1		60	36	0.0		36" - SM: SILT wn Silt (100%)		
5 6 7 8 9 10	S2	SB-2 (8-10)	60	60	0.0				
11 12 13 14 15	S3		60	60	0.0	12"-60" - 3	RUSHED ROCK SW: FINE TO COARSE GRADEL e to medium grained sand (60%) v	D SAND with some silt (20%) and some fine gravel (20%, subangular)	
								END OF BORING 15-feet	



SOIL BORING SB-3

							-		
Boring Location	on		South E	xterior Pa	rking Lot	Client:	Mega Development		
Project Numbe	er:		2203948			Project Name:	Ten 99 Development Project		
Logged By:			L. Robe	rtson		Site Address:	1099 Webster Avenue, Bronx NY		
Date:			11/29/20)22		Contractor:	Coastal Environmental Solutions, Inc		
Drill Type:			Geoprot	be 6011D	Г	Driller:	Marc Morgenstern		
Elevation (Star	rt):					Drilling Method:	Direct Push		
Elevation (End	i):					Total Depth (feet):	10		
Depth (feet) Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks			Sample Description		
1 2 3 S1 4 5	SB-3 (0-2)	60	30	0.0	0"-6" - CONCRETE 6"-30" - SP: FINE GRADED SAND Brown/gray fine grained sand (60%) with some silt (20%) and some fill (20%)				
6 7 8 9 9		60	30		Brown/gra	P: FINE GRADED SAND ly fine grained sand (80%) wi SM: ORGANIC SILT anic Silt (100%)	ith some silt (20%)		
	1	1	1		1		END OF BORING 10 feet (Refused @ 10')		

END OF BORING 10-feet (Refusal @ 10')



SOIL BORING SB-4

Boring Locatio	n		South A	utomecha	nic Shop	Client:	Mega Development			
Project Numbe	r:		2203948	3		Project Name:	Ten 99 Development Project			
Logged By:			L. Rober	rtson		Site Address:	1099 Webster Avenue, Bronx NY			
Date:			11/28/20)22		Contractor:	Coastal Environmental Solutions, Inc			
Drill Type:			Geoprob	be 6011D	Т	Driller:	Marc Morgenstern			
Elevation (Star	t):					Drilling Method:	Direct Push			
Elevation (End	:					Total Depth (feet):	20			
Depth (feet) Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks			Sample Description			
1 2 3 S1 4	SB-4 (0-2)	60	48	0.0	Black fine 6"-48" - SF	: FINE TO MEDIUM GRADED SA to medium grained sand (80%) wi P: FINE TO MEDIUM GRADED S. to medium grained sand (60%) w	th some silt (20%)			
5 6 7 8 5 6 5 7 52 9 - 10	SB-4 (6-8)	60	51	0.0	Tan fine to)"-51" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse grained sand (75%) with trace silt (5%) and some fine gravel (20%, subangular)				
11 12 13 53	SB-4 (10-12)	60	48	0.0	Tan fine to 20"-48" - S	SP: FINE TO MEDIUM GRADED	trace silt (5%) and some fine gravel (20%, subangular)			
16 17 18 18 19		60	60	0.0		W: FINE TO COARSE GRADED 5 to coarse grained sand (80%) wit				
<u> </u>							END OF ROPING 20 feet			



SOIL BORING SB-5

					Parking Lo				
	J Locatio				te to UST	s	Client:	Mega Development	
Projec	t Numbe	r:		2203948	3		Project Name:	Ten 99 Development Project	
Logge	d By:			L. Rober	rtson		Site Address:	1099 Webster Avenue, Bronx NY	
Date:				11/29/20)22		Contractor:	Coastal Environmental Solutions, Inc	
Drill T	ype:			Geoprob	be 6011D	Т	Driller:	Marc Morgenstern	
Elevat	ion (Star	t):					Drilling Method:	Direct Push	
Elevat	ion (End	:					Total Depth (feet):	15	
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks			Sample Description	
	1 2 5 S1	SB-5 (0-2)	60	24	0.0		NCRETE P: FINE TO MEDIUM GRADED S/ to medium grained sand (80%) w		
	5				1.2	0"-36" - SP: FINE TO MEDIUM GRADED SAND			
ē	7 . S2	SB-5 (6-8)	60	36	1.5	Brown line	to medium grained sand (80%) w	ith some siit (20%)	
	9		00	30	0.5				
11 12		SB-5 (10-12)			0.0	Brown fine 26"-54" - S	W: FINE TO COARSE GRADED S to medium grained sand (80%) w SP: FINE TO MEDIUM GRADED S to medium grained sand (80%) w	ith some silt (20%) SAND	
	1		60	54	0.0				



SOIL BORING SB-6

_					Parking Lo					
	Locatio				te to UST	s		Mega Development		
	t Numbe	r:		2203948			Project Name:	Ten 99 Development Project		
Logged	d By:			L. Rober	tson		Site Address:	1099 Webster Avenue, Bronx NY		
Date:				11/29/20	22		Contractor:	Coastal Environmental Solutions, Inc		
Drill Ty	/pe:			Geoprob	e 6011D	Г	Driller:	Marc Morgenstern		
Elevati	on (Star	t):						Direct Push		
Elevati	on (End	:					Total Depth (feet):	15		
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks			Sample Description		
1 2 3	S1	SB-6 (0-2)	60	36	0.0					
4 5	-				0.0		48" - SP: FINE TO MEDIUM GRADED SAND			
6 7	S2	SB-6 (6-8)	60	48			to medium grained sand (80%) w			
9 9 10	-				0.0					
11 12	1 }	SB-6 (10-12)			0.0	Brown fine 12"-54" - S	W: FINE TO COARSE GRADED S to medium grained sand (80%) w SP: FINE GRADED SAND grained sand (80%) with some sil	ith some silt (20%)		
13 14 14 15			60	54	0.0					



SOIL BORING SB-7

Boring Location Mechanic Storage Client: Mega Development Project Number: 2203948 Project Name: Ten 99 Development Project Logged By: L. Robertson Site Address: 1099 Webster Avenue, Bronx NY Date: 11/29/2022 Contractor: Coastal Environmental Solutions, Inc Drill Type: Hand Auger Driller: Marc Morgenstern Elevation (Start): Elevation (End): 5 viage graph and auger Total Depth (feet): 5 Viage graph and auger Viage graph and auger Sample Description Project (End): Sample Description Sample Description Viage graph and auger Viage graph and auger On-6" - CONCRETE Viage graph and auger On-6" - CONCRETE Sample Description Viage graph and auger On-6" - CONCRETE On-6" - CONCRETE Viage graph and auger On-6" - CONCRETE On-6" - CONCRETE Viage graph and auger On-6" - CONCRETE On-6" - CONCRETE Viage graph and auger On-6" - CONCRETE On-6" - CONCRETE Viage graph and auger On-6" - CONCRETE On-6" - CONCRETE Viage and aug								SOIL DOI(ING SB	-1		
Logged By: L. Robertson Site Address: 1099 Webster Avenue, Bronx NY Date: 11/29/2022 Contractor: Coastal Environmental Solutions, Inc Drill Type: Hand Auger Driller: Marc Morgenstern Elevation (Start): Environmental Solutions, Inc Total Depth (feet): 5 Image: Start (Start): Ima	Boring	Locatio	n		Mechan	ic Storage)	Client:	Mega Development		
Date: 11/29/2022 Contractor: Coastal Environmental Solutions, Inc Drill Type: Hand Auger Driller: Marc Morgenstern Elevation (Start): Filling Method: Hand Auger Elevation (End): Total Depth (feet): 5 Image: Start of the s	Project	Numbe	r:		2203948			Project Name:	Ten 99 Development Project		
Drill Type: Hand Auger Driller: Marc Morgenstern Elevation (Start): Drilling Method: Hand Auger Elevation (End): Total Depth (feet): 5 image: state of the state of	Logged	I By:			L. Robe	rtson		Site Address:	1099 Webster Avenue, Bronx NY		
Elevation (Start): Drilling Method: Hand Auger Elevation (End): Total Depth (feet): 5 ^{infling Method:} ^{infling Method:}	Date:				11/29/20	022		Contractor:	Coastal Environmental Solutions, Inc		
Elevation (End): Total Depth (feet): 5 (i)	Drill Ty	pe:			Hand Au	Jger		Driller:	Marc Morgenstern		
(i) (i) <td>Elevati</td> <td>on (Star</td> <td>t):</td> <td></td> <td></td> <td></td> <td></td> <td>Drilling Method:</td> <td>Hand Auger</td>	Elevati	on (Star	t):					Drilling Method:	Hand Auger		
Image: state SB-7 (0-2) Image: state 0"-6" - CONCRETE 2 51 60 60 60 60 60 60 60 60 12"-60" - SP: FINE TO MEDIUM GRADED SAND 3 S1 60 60 12"-60" - SP: FINE TO MEDIUM GRADED SAND	Elevati	on (End)	:					Total Depth (feet):	5		
Brown fine to medium grained sand (80%) with some silt (20%)	2 1 Depth (feet)	Sample Identification		Penetration (inches)	Recovery (inches)			CONCRETE			
	3 4 5	S1		60	60	0.0					



SOIL BORING SB-8

		Basment near hole in the floo			Client:	Mega Development
		2203948			Project Name:	Ten 99 Development Project
		L. Rober	rtson		Site Address:	1099 Webster Avenue, Bronx NY
		12/1/202	22		Contractor:	Coastal Environmental Solutions, Inc
Drill Type:					Driller:	Marc Morgenstern
Elevation (Start):					Drilling Method:	Hand Auger
					Total Depth (feet):	5 (Starting elevation was 8-feet below surface grade
Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	0		Sample Description
SB-8 (8-9)	60	60				
	Lab Sample Interval (feet) SB-8 (8-6)	e-Base (teet) (6-8) 8-BS Penetration (inches)	2203948 L. Robel 12/1/202 Hand At Hand At George (jee) Leverstation (incluse) SB-8 (8-9)	2203948 L. Robertson 12/1/2022 Hand Auger a(dustright of the second secon	2203948 L. Robertson 12/1/2022 Hand Auger a(duger definition of the second secon	L. Robertson Site Address: 12/1/2022 Contractor: Hand Auger Driller: Image: Drilling Method: Total Depth (feet): Image: Drilling Method: Image: Drilling Method: Image: Drilling Method: Image: Drilling Method:<



SOIL BORING SB-9

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n		Basmer	nt Proxima	te to AST	Client:	Mega Development
er:		2203948			Project Name:	Ten 99 Development Project
		L. Robe	rtson		Site Address:	1099 Webster Avenue, Bronx NY
		11/28/20)22		Contractor:	Coastal Environmental Solutions, Inc
		Hand Auger			Driller:	Marc Morgenstern
t):					Drilling Method:	Hand Auger
):					Total Depth (feet):	5 (Starting elevation was 8-feet below surface grade
Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks			Sample Description
SB-9 (8-9) SB-10 (9-10)	60	60	0.0	6"-60" - S'	W: FINE TO COARSE GRA	
	rr: t):): undersonal (teet) SB-9 (8-9)	r: t): end set SB-9 (8-9) SB-10 (9-10)	r: 2203944 L. Robe 11/28/20 Hand Ai t):	str: 2203948 L. Robertson 11/28/2022 Hand Auger Hand Auger t): Image: Comparison of the second se	state state state 2203948 L. Robertson 11/28/2022 Hand Auger t): indicating of the state in	arr: 2203948 Project Name: L. Robertson Site Address: 11/28/2022 Contractor: Hand Auger Driller: Hand Auger Drilling Method:): Total Depth (feet): edugs SB-9 (8-9) SB-10 (9-10) 60



SOIL BORING SB-10

Boring	Locatio	n		Interior F	-loor Drai	3			
Project	Numbe	r:		2203948	3	Project Name: Ten 99 Development Project			
Logged	By:			L. Rober	rtson	Site Address: 1099 Webster Avenue, Bronx NY			
Date:				11/28/20)22	Contractor: Coastal Environmental Solutions, Inc			
Drill Ty	pe:			Geoprot	be 6011D	DT Driller: Marc Morgenstern			
Elevati	on (Star	t):				Drilling Method: Direct Push			
Elevati	on (End)):				Total Depth (feet): 15			
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description			
1 2		SB-10 (0-2)				0"-15" - SP: FINE TO MEDIUM GRADED SAND Brown to black fine to medium grained sand (80%) with some silt (20%), moderate hydrocarbon-like odors 15"-30" - SM: ORGANIC SILT Black/Gray silt with organics (100%)			
3 4 5	S1		60	36		30"-36" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (80%) with some silt (20%)			
6 7 8	S2	SB-10 (6-8)	60	36		0"-36" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse grained sand (60%) with some silt (20%) and some fine gravel (20%, subangular)			
9 10					0.5				
11 12	S3	SB-10 (10-12)	60	45	0.0	15"-30" - SM: SILT Brown silt (100%)			
13 14 14 15	55		ου	40	0.0				
						END OF BORING 15-feet			



SOIL BORING SG-5

Boring Location	n		Automot	ive Mech	anic Shop	Client:	Mega Development
Project Number	r:		2203948			Project Name:	Ten 99 Development Project
Logged By:			L. Rober	tson		Site Address:	1099 Webster Avenue, Bronx NY
Date:			11/28/20	22		Contractor:	Coastal Environmental Solutions, Inc
Drill Type:			Geoprob	e 6011D	Т	Driller:	Marc Morgenstern
Elevation (Star	t):					Drilling Method:	Direct Push
Elevation (End)						Total Depth (feet):	15
Depth (feet) Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks			Sample Description
1 2 3 S1 4 5		60	48	0.0		NCRETE P: FINE TO MEDIUM GRADED S/ to medium grained sand (80%) w	
$ \begin{array}{c} $		60	48	0.0	Brown fine		vith some silt (20%) and some fine gravel (20%, subangular)
11 12 13 13 14 15		60	60	0.0		SM: SILT	AND vith some silt (20%) and some fine gravel (20%, subangular)
							END OF BORING 15-feet

G	EI	Consultants					TEST PIT LOG UST TEST PIT LOG						
Boring	Locatio	n		Interior I	Parking G	arage	Client:	Mega Development					
Project	t Numbe	r:		2203948	3		Project Name:	Ten 99 Development Project					
Logge	d By:			L. Robe	rtson		Site Address:	1099 Webster Avenue, Bronx NY					
Date:				11/29/20)22		Contractor:	Mega Development					
Equipn	nent Typ	e:		Mini-Exc	cavator		Driller:	Christian R.					
Elevation (Start):							Drilling Method:	Excavator					
Elevati	Elevation (End):						Total Depth (feet):	5					
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks		Sample Description						
1						0"-6" - CO							
2		UST-TP-1				Brown fine		80%) with some silt (20%), light-to-medium brown staining,					
— 3	S1		60	60	156.5		trong hydrocarbon-like odors lote: The soils above the USTs was a brown fine to medium sand with some silt with light-to-medium brown taining. During the excavation, Mega uncoverd the existing piping assoicated with the tanks. The piping appeared b be in poor condition and was pitted. The USTs were approximately 4-feet below grade and impacted the						
4		UST-TP-2				to be in po							
— 5					1.1	surround soils. It should be noted that the soils surrounding the USTs had strong hydrocarbon odors and evidence of a former release. In addition, USTs were leaking unkown fluid into the surrouding soils at the i excavation. Lastly, the USTs were encased in concrete. UST-TP-1 was collected proximate to the piping							