Offsite MGP Contamination Investigation Analytical Data Summary Table
Location: 251 Douglas Street, Brooklyn, New York

LOCATION	CRITERIA			SB-15		SB-16		SB-16		SB-17		SB-18		SB-19		SB-19		SB-19	
SAMPLE DEPTH (ft)				31-32'		45-46'		7'		35-36'		35-36'		14-15'		30'		50'	
SAMPLING DATE				3/24/2022		3/22/2022		3/22/2022		3/21/2022		3/23/2022		3/25/2022		3/25/2022		3/25/2022	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
	NY-RESRR	NY-UNRES	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Miscellaneous/Inorganics																			
Total Cyanide (SW9010C Distill.)	-	27	mg/Kg	NT		NT		1.65		NT		NT		NT		NT		NT	
Volatiles By SW8260C																			
1,1,1,2-Tetrachloroethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,1,1-Trichloroethane	100,000	680	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
1,1,2,2-Tetrachloroethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,1,2-Trichloroethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,1-Dichloroethane	26,000	270	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
1,1-Dichloroethene	100,000	330	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,1-Dichloropropene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,2,3-Trichlorobenzene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,2,3-Trichloropropane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,2,4-Trichlorobenzene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,2,4-Trimethylbenzene	52,000	3,600	ug/Kg	ND		**1,299,000**		NT		**19,000**		ND		ND		6		ND	
1,2-Dibromo-3-chloropropane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dibromoethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dichlorobenzene	100,000	1,100	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
1,2-Dichloroethane	3,100	20	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
1,2-Dichloropropane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,3,5-Trimethylbenzene	52,000	8,400	ug/Kg	ND		**88,000**		NT		5,500		ND		ND		2.7	J	ND	
1,3-Dichlorobenzene	49,000	2,400	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
1,3-Dichloropropane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,4-Dichlorobenzene	13,000	1,800	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
2,2-Dichloropropane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2-Chlorotoluene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2-Hexanone	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2-Isopropyltoluene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
4-Chlorotoluene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
4-Methyl-2-pentanone	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Acetone	100,000	50	ug/Kg	ND		ND		NT		ND		ND		**150**		10		8.1	J
Acrylonitrile	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Benzene	4,800	60	ug/Kg	**13,000**		**2,000,000**		NT		**35,000**		**690**		ND		11		ND	
Bromobenzene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Bromochloromethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Bromodichloromethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Bromoform	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Bromomethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Carbon Disulfide	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Carbon tetrachloride	2,400	760	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
Chlorobenzene	100,000	1,100	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
Chloroethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Chloroform	49,000	370	ug/Kg	ND		ND		NT		ND		ND		ND		ND		4.1	J
Chloromethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
cis-1,2-Dichloroethene	100,000	250	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
cis-1,3-Dichloropropene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Dibromochloromethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Dibromomethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Dichlorodifluoromethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Ethylbenzene	41,000	1,000	ug/Kg	**1,700**		**200,000**		NT		**32,000**		ND		ND		31		ND	
Hexachlorobutadiene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Isopropylbenzene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
m&p-Xylene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Methyl Ethyl Ketone	100,000	120	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Methyl t-butyl ether (MTBE)	100,000	930	ug/Kg	ND		ND		NT		ND		ND		ND		3.7	J	3.7	J
Methylene chloride	100,000	50	ug/Kg	**1,600**		**6,600**	J	NT		**1,100**		**3,500**	B	16	J,B	ND		ND	
Naphthalene	100,000	12,000	ug/Kg	6,500		**26,000,000**	E	NT		**530,000**		1,900		ND		380		4.3	J
n-Butylbenzene	100,000	12,000	ug/Kg	ND		5,600		NT		ND		ND		ND		ND		ND	
n-Propylbenzene	100,000	3,900	ug/Kg	ND		**26,000**		NT		1,300		ND		ND		ND		ND	
o-Xylene	-	-	ug/Kg	550		1,100,000		NT		16,000		230	J	ND		23		ND	
p-Isopropyltoluene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
sec-Butylbenzene	100,000	11,000	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
Styrene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
tert-Butylbenzene	100,000	5,900	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
Tetrachloroethene	19,000	1,300	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
Tetrahydrofuran (THF)	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Toluene	100,000	700	ug/Kg	**1,000**		**3,800,000**		NT		**37,000**		230	J	ND		ND		ND	
trans-1,2-Dichloroethene	100,000	190	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
trans-1,3-Dichloropropene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
trans-1,4-dichloro-2-butene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Trichloroethene	21,000	470	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Trichlorofluoromethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Trichlorotrifluoroethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Vinyl chloride	900	20	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	

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SAMPLING DATE				3/24/2022		3/22/2022		3/22/2022		3/21/2022		3/23/2022		3/25/2022		3/25/2022		3/25/2022	
SAMPLE TYPE				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
	NY-RESRR	NY-UNRES	Units	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual	Result	Qual
Semivolatiles By SW8270D	-	-																	
1,2,4,5-Tetrachlorobenzene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,2,4-Trichlorobenzene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Dichlorobenzene	100,000	1,100	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,2-Diphenylhydrazine	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,3-Dichlorobenzene	49,000	2,400	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
1,4-Dichlorobenzene	13,000	1,800	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2,4,5-Trichlorophenol	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2,4,6-Trichlorophenol	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2,4-Dichlorophenol	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2,4-Dimethylphenol	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2,4-Dinitrophenol	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2,4-Dinitrotoluene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2,6-Dinitrotoluene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2-Chloronaphthalene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2-Chlorophenol	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2-Methylnaphthalene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2-Methylphenol (o-cresol)	100,000	330	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
2-Nitroaniline	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
2-Nitrophenol	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
3&4-Methylphenol (m&p-cresol)	-	-	ug/Kg	ND		ND		NT		ND		ND		115	J	ND		ND	
3,3'-Dichlorobenzidine	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
3-Nitroaniline	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
4,6-Dinitro-2-methylphenol	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
4-Bromophenyl phenyl ether	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
4-Chloro-3-methylphenol	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
4-Chloroaniline	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
4-Chlorophenyl phenyl ether	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
4-Nitroaniline	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
4-Nitrophenol	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Acenaphthene	100,000	20,000	ug/Kg	317		**70,800**		NT		4,980		ND		NF		ND		ND	
Acenaphthylene	100,000	100,000	ug/Kg	253		**642,000**		NT		54,200		57.6	J	ND		ND		ND	
Acetophenone	-	-	ug/Kg	NT		NT		NT		NT		NT		ND		NT		NT	
Aniline	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Anthracene	100,000	100,000	ug/Kg	257		**214,000**		NT		18,800		ND		NF		ND		ND	
Benz(a)anthracene	1,000	1,000	ug/Kg	197		**146,000**		NT		**12,500**		ND		75	J	ND		ND	
Benzidine	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Benzo(a)pyrene	1,000	1,000	ug/Kg	178		**132,000**		NT		**12,600**		ND		75.9	J	ND		ND	
Benzo(b)fluoranthene	1,000	1,000	ug/Kg	70.5	J	**59,600**		NT		**5,430**		ND		60.6	J	ND		ND	
Benzo(ghi)perylene	100,000	100,000	ug/Kg	62.3	J	47,100		NT		2,900		ND		ND		ND		ND	
Benzo(k)fluoranthene	3,900	800	ug/Kg	90.2	J	**73,800**		NT		**6,590**		ND		79.8	J	ND		ND	
Benzoic acid	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Benzyl butyl phthalate	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Bis(2-chloroethoxy)methane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Bis(2-chloroethyl)ether	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Bis(2-chloroisopropyl)ether	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Bis(2-ethylhexyl)phthalate	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Carbazole	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Chrysene	3,900	1,000	ug/Kg	166		**136,000**		NT		**11,500**		ND		71.1	J	ND		ND	
Dibenz(a,h)anthracene	330	330	ug/Kg	ND		**15,500**		NT		**895**		ND		ND		ND		ND	
Dibenzofuran	59,000	7,000	ug/Kg	ND		**28,900**		NT		2,380		ND		ND		ND		ND	
Diethyl phthalate	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Dimethylphthalate	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Di-n-butylphthalate	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Di-n-octylphthalate	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Fluoranthene	100,000	100,000	ug/Kg	348		**265,000**		NT		26,400		55.9	J	85.6	J	ND		ND	
Fluorene	100,000	30,000	ug/Kg	326		**364,000**		NT		28,600		ND		ND		ND		ND	
Hexachlorobenzene	1,200	330	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
Hexachlorobutadiene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Hexachlorocyclopentadiene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Hexachloroethane	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Indeno(1,2,3-cd)pyrene	500	500	ug/Kg	59.9	J	**36,300**		NT		4,890		ND		62.5	J	ND		ND	
Isophorone	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Naphthalene	100,000	12,000	ug/Kg	950		**3,350,000**		NT		**300,000**		242		ND		154		ND	
Nitrobenzene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
N-Nitrosodimethylamine	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
N-Nitrosodi-n-propylamine	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
N-Nitrosodiphenylamine	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Pentachloronitrobenzene	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	
Pentachlorophenol	6,700	800	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
Phenanthrene	100,000	100,000	ug/Kg	847		**811,000**		NT		71,300		145		ND		ND		ND	
Phenol	100,000	330	ug/Kg	ND		ND		NT		ND		ND		ND		ND		ND	
Pyrene	100,000	100,000	ug/Kg	411		**344,000**		NT		31,300		67.1	J	91.3	J	ND		ND	
Pyridine	-	-	ug/Kg	NT		NT		NT		NT		NT		NT		NT		NT	

SOIL BORING LOG

Impact Environmental Closures, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800
F. (631) 269-1599

Project #: 13928		**Boring ID:**
Site/Project Name: 251 Douglass Street		**SB-15**
Site Address: 251 Douglass		
Weather:		
Geologist: AK		Total Depth: 55'
Start Date: 3/21/2022	Drilling Company: PG	GW: 12'
Start Time: 8:00	Driller: Orlando	GW Stabilized: N/A
Completion Date: 3/24/2022	Drill Rig: 7782 DT	GPS Coordinates:
Completion Time: 15:00	Sampler Type/Len: discrete	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS	Soil Description	Product
1	0.0		0-5'	Moist	45"	Fill/SP	Brown to black (stained) mostly silt with trace sand, fill material with brick pieces and angular gravel, trace organic odor at 5'	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-7'	Moist	45"	SM	black (stained) fill with very angular gravel in silty matrix	
6	0.0							
7	0.0		7-8'			ML	black to grey clayey silt, low compaction, low plasticity	
8	0.0		8-10'			Fill/SM	dark grey silt with trace clay mostly angular gravel and brick	
9	0.0							
10	0.0		10-15'	Moist	16"	SM	limited recovery, black to grey silt with trace clay	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Moist	60"	CL	homgenous fat grey clay, moderate compaction, moderate plasticity, mild organic odor, wood pieces/roots	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Moist	60"	CL	homogenous fat grey-blue clay, roots at 25', no odor	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	25.0		25-30'	Moist	55"	SM	brown-grey silt with some clay, roots at 26', slight odor	
27	27.0							
28	30.0							
29	34.0							
30	40.0							
31	200.0		30-35'	Wet	60"	SM	limited FPP in liner, brown silt	FPP
32	302.0	SB-15 (31-32)						
33	251.0							
34	227.0							
35	413.0							
36	200.0		35-40'	Wet	50"	SM	Fine grained silt, no FPP, moderate to strong odors	
37	230.0							
38	150.0							
39	125.0							
40	320.0							
41	545.0		40-45'	Wet	45"	SM	FPP in liner, brown fine silt with trace sand, strong odors	FPP
42	681.0							
43	718.0							
44	850.0							
45	927.0							
46	53.0		45-50'	Wet	55'	SM	brown fine silty sand, trace odors	
47	45.0							
48	40.0							
49	37.0							
50	20.0							
51	15.0		50-55'	Moist	60"	SP	brown medium to fine sand, trace odors	
52	10.0							
53	0.0							
54	0.0							
55	0.0	SB-15 (54-55)						

SOIL BORING LOG

Impact Environmental Closures, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800
F. (631) 269-1599

Project #: 13928		**Boring ID:**
Site/Project Name: 251 Douglass Street		**SB-16**
Site Address: 251 Douglass		
Weather:		
Geologist: AK		Total Depth: 65'
Start Date: 3/21/2022	Drilling Company: PG	GW: 12'
Start Time: 8:00	Driller: Orlando	GW Stabilized: N/A
Completion Date: 3/22/2022	Drill Rig: 7782 DT	GPS Coordinates:
Completion Time: 15:00	Sampler Type/Len: discrete	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS	Soil Description	Product
1	0.0		0-2'	Dry	40"	SM	dark brown sand with silt and trace angular gravel	
	0.0							
2	0.0		2-3'	Moist		SP	tan medium to coarse sand with 1/4-inch angular gravels	
3	0.0		3-5'			SM	red-brown silty sand	
4	0.0							
5	0.0		5-5.5'	Wet	45"	SM	Cave in from above	
			5.5-6.5'			Fill/SM	brown silty sand with very angular gravel and fill material-brick	
6	0.0		6.5-10'			SM	grey sandy silt with trace to little clay, abundant angular black gravel, no odors *very small interval (<1") of stained green material at 7'*	
7	0.0	SB-16 (7')						
8	0.0							
9	0.0							
10	0.0		10-12.5'	Wet	45"	SM	grey silt with little sand, abundand angular gravel, shell pieces, loose	
11	0.0							
12	0.0		12.5-15'				grey silt with little sand, low to moderate compaction, angular gravel	
13	0.0							
14	0.0							
15	0.0		15-20'	Moist	60"	CL	homogenous grey clay with little silt, trace wood pieces/roots, no odor	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-24.5'	Moist	60"	CL	homogenous dark grey clay, moderate plasticity, moderate compaction	
21	0.0							
22	0.0							
23	0.0							
24								

SOIL BORING LOG

25	0.0		24.5-25'				blue clay with trace wood pieces/roots, med-high compaction low plast.	
26	0.0		25-28'	Moist	60"	CL	blue/grey compact clay with little silt, low plasticity	
27	0.0							
28	0.0		28-30'			ML	brown silt with high compaction and little clay, no odors	
29	0.0							
30	15.0		30-32'	Moist		ML	grey silt, odors	
31	142.0							
32	150.0		32-35'	Wet	50"	GM	coarse angular gravel in a silt matrix	
33	205.0							
34	200.0							
35	329.0		35-40'	Moist	60"	ML	brown fine silt, FPP blebs and sheen in liner, odor	FPP
36	585.0							
37	651.0							
38	430.0							
39	200.0							
40	250.0		40-44'	Wet	60"	ML	brown fine silt, strong odors but no FPP or sheen	
41	235.0							
42	242.0							
43	200.0							
44	190.0		44-45'					
45	200.0	SB-16 (45-46')	45-50'	Wet	50"	ML	brown fine silt, liner is saturated	FPP
46	230.0							
47	213.0							
48	200.0							
49	236.0							
50	220.0		50-55'	Wet	55"	ML	brown fine silt, no product, odors	
51	200.0							
52	215.0							
53	186.0							
54	230.0							
55	300.0							
56								

SOIL BORING LOG

56	250.0							
57	223.0		55-60"	Moist	60"	SP	medium to coarse grained sand, odors and sheen	
58	305.0							
59	175.0							
60								
61								
62	100.0		60-65"	Moist	limited/ none		Stained silt with sand, *liner stuck in rod, soil recovered from shoe aproximately 100ppm, driller does not have more rods to go deeper, terminate boring at 65'*	
63								
64								
65								

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800
F. (631) 269-1599

Project #: 13928		**Boring ID:**
Site/Project Name: 251 Douglass Street		**SB-17**
Site Address: 251 Douglass		
Weather:		
Geologist: AK		Total Depth: 55'
Start Date: 3/21/2022	Drilling Company: PG	GW: 12'
Start Time: 8:00	Driller: Orlando	GW Stabilized: N/A
Completion Date: 3/21/2022	Drill Rig: 7782 DT	GPS Coordinates:
Completion Time: 15:00	Sampler Type/Len: discrete	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS	Soil Description	Product
1	0.0		0-2'	Dry	40"	Fill	dark brown fine to medium silty sand with very angular gravel and fill with asphalt and glass pieces	
2	0.0							
3	0.0		2-3'			SP	grey-greenish coarse grained sand	
4	0.0		3-5'	Moist			red-brown medium to coarse grained sand with large 1/4-inch angular gravels	
5	0.0							
6	0.0		5-6'	Wet	45"	SP	red-brown silty sand	
7	0.0		6-10'			SM	brown silty sand with trace clay and angular gravel	
8	0.0							
9	0.0							
10	0.0							
11	0.0		10-14'	Wet	60"	OL/CL	brown-black (stained) mostly silt with clay and very trace sand with trace wood and/or roots	
12	0.0							
13	0.0							
14	0.0		14-15'	Moist		ML	Grey clayey silt	
15	0.0		15-20'	Moist	60"	CL	homogenous grey clay, moderate plasticity	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0							
21	0.0		20-23'	Moist	60"	CL	homogenous dark grey clay, organic odor	
22	0.0							
23	0.0		23-23.5'			PT	black peat w/ bits of wood, trace organic odor	
24	0.0		23.5-25			CH	grey-blueish med-high plasticity clay	

SOIL BORING LOG

25	0.0							
26	0.0		25-27.5	Moist	60"	ML	grey-blue clay, med-low plasticity, with trace silt, ML	
27	35.0							
28	40.0	SB-17 (27.5-30)	27.5-30			SP	med-coarse moderately compact brn sand,odors, SP	
29	40.0							
30	8.0		30-32'	Wet	60"	ML	saturated silt with clay (clayey silt) brown, odor	
31	8.5							
32	50.0							
33	45.0		32-35'			SP	Brown medium to coarse grained sand	
34	150.0							
35	800.0	SB-17 (35-36)	35-40'	Wet	60"	SM	saturated brown silty sand matrix with free phase brownish redish product, blebs, odor	FPP
36	750.0							
37	850.0							
38	900.0							
39	927.0							
40	877.0		40-45'	Wet	60"	SM	brown fine silt, saturated Free Phase Product, blebs, odors	
41	846.0							
42	900.0							
43	950.0							
44	823.0							
45	150.0		45-50'	Wet	60"	SM	brown fine silty sand wet/saturated, No Product, trace odors	
46	136.0							
47	100.0							
48	98.0							
49	120.0							
50	23.0		50-55'	Wet	60"	SM	wet/saturated brown fine silty sand, trace odors	
51	20.0							
52	40.0							
53	32.0							
54	15.0							
55								

SOIL BORING LOG

Impact Environmental Closures, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800
F. (631) 269-1599

Project #: 13928		**Boring ID:**
Site/Project Name: 251 Douglass Street		**SB-18**
Site Address: 251 Douglass		
Weather:		
Geologist: AK		Total Depth: 50'
Start Date: 3/21/2022	Drilling Company: PG	GW: 12'
Start Time: 8:00	Driller: Orlando	GW Stabilized: N/A
Completion Date: 3/23/2022	Drill Rig: 7782 DT	GPS Coordinates: X,Y
Completion Time: 15:00	Sampler Type/Len: discrete	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS	Soil Description	Product
1	0.0		0-4'	Moist	45"	SM/Fill	brown to black (stained) silty sand with abundant gravel	
2	0.0							
3	0.0							
4	0.0							
5	0.0		4-5'	Dry			Concrete and crushed brick	
6	15.0		5-10'	Moist	50"	ML	reddish-brown silt with little sand and trace clay, odors	
7	23.0							
8	72.0							
9	84.0							
10	75.0							
11	45.0		10-15'	Wet	55"	SM	brown stained silty sand with small angular gravel, odors	
12	68.0							
13	80.0							
14	120.0							
15	132.0	SB-18 (14-15')						
16	N/A		15-20'	Wet	No Recovery	N/A	No recovery, rock in tip, liner is wet, odors	
17								
18								
19								
20								
21	50.0		20-25'	Moist	60"	CL	homogenous dark grey clay, moderately compact, low plasticity	
22	55.0							
23	43.0							
24	60.0							
	68.0							

SOIL BORING LOG

25	0.0		25-30'	Wet	60"	CL	blue-grey clay with a small (~2") peat interval at 26', no odors, moderately compact, low plasticity	
26	0.0							
27	0.0							
28	0.0							
29	0.0							
30	0.0		30-32.5'	Wet	60"	CL	blue-grey clay, limited odors	
31	15.0							
32	27.0							
33	30.0		32.5-35'					
34	30.0							
35	425.0	SB-18 (35-36')	35-40'	Wet	60"	ML	brown silt, blebs	FPP
36	400.0							
37	450.0							
38	532.0							
39	486.0							
40	60.0		40-45'	Moist	55"	SM	brown-reddish silty sand, odors	
41	45.0							
42	50.0							
43	54.0							
44	49.0							
45	0.0		45-50'	Wet	60"	SM	brown-reddish silty sand, no odors	
46	0.0	SB-18 (46-47')						
47	0.0							
48	0.0							
49	0.0							
50								

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800
F. (631) 269-1599

	Project #: 13928	**Boring ID:**
	Site/Project Name: 251 Douglass Street	
	Site Address: 251 Douglass	**SB-19**
	Weather:	
	Geologist: AK	Total Depth: 50'
Start Date: 3/21/2022	Drilling Company: PG	GW: 12'
Start Time: 8:00	Driller: Orlando	GW Stabilized: N/A
Completion Date: 3/25/2022	Drill Rig: 7782 DT	GPS Coordinates:
Completion Time: 15:00	Sampler Type/Len: discrete	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS	Soil Description	Product
1	0.0		0-5'	Moist	45"	Fill/SP	browm to tan sand with little silt, trace gravel and concrete/brick	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	24"	SM	top 4" fill-gravel brick cave in from above, tan-brown silt with little sand	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-14'	Wet	50"	ML	grey-brown silt with trace fine sand and trace subrounded gravel	
11	0.0							
12	0.0							
13	0.0							
14	0.0	SB-19 (14-15')	14-15'	Moist		ML	reddish-brown silt with fine sand	
15	0.0		15-16'	Moist	60"	PT	Peat-black with roots, trace organic odor	
16	0.0		16-20			CL	homogenous fat grey clay with trace roots, moderate compaction, modera plasticity	
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Moist	60"	CL	homogenous grey clay moderately compact moderate to high plasticity, pieces of shells at 23', trace roots	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0		25-26'	Moist	60"	CL	grey clay as above	
26	0.0		26-27'			PT	Peat-black with roots, trace organic odor	
27	0.0		27-30'			ML/CL	blue clayey silt, no odors	
28	0.0							
29	0.0							
30	0.0	SB-19 (30')	30-31'	Wet	60"	CL	blueish silt with trace clay	
31	0.0		31-32.5'			ML	fine sand and silt	
32	0.0		32.5-33'			SP	small coarse gravel interval in silt, slight odors	
33	20.0		33-35'			ML	brown silt with fine sand, slight odors	
34	23.0							
35	400.0		35-38'	Wet	60"	SP	FPP in liner, brown silty sand, strong odors	FPP
36	425.0							
37	200.0							
38	150.0		38-40'				fine to medium grained sand, moderate odors	
39	95.0							
40	20.0		40-45'	Wet	60"	SM	fine silty sand, trace odors	
41	0.0							
42	0.0							
43	0.0							
44	0.0							
45	0.0		45-50'	Wet	60"	SM	fine silty sand, no odors	
46	0.0							
47	0.0							
48	0.0							
49	0.0	SB-19 (50')						
50								

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %